

EXHIBIT 4

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UNITED STATES DISTRICT COURT
NORTHERN DISTRICT OF CALIFORNIA
SAN JOSE DIVISION

APPLE INC., a California corporation,
Plaintiff,
vs.
SAMSUNG ELECTRONICS CO., LTD,
a Korean business entity;
SAMSUNG ELECTRONICS AMERICA,
INC., a New York corporation;
SAMSUNG TELECOMMUNICATIONS
AMERICA, LLC, a Delaware
limited liability company
Defendants.

No: 11-CV-01846-LHK

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DEPOSITION OF WOOKYUN KHO
San Francisco, California
Thursday, January 12, 2012

Reported By:
LINDA VACCAREZZA, RPR, CLR, CRP, CSR. NO. 10201
JOB NO. 45308

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Page 2	Page 3
1	1 APPEARANCES:
2	2 QUINN EMANUEL URQUHART & SULLIVAN, LLP
3	3 Attorneys for Defendants
4 Thursday, January 12, 2012	4 555 Twin Dolphin Drive
5 9:22 a.m.	5 Redwood Shores, California 94065
6	6 BY: MARK TUNG, Ph.D, ESQ.
7	7 marktung@quinnemanuel.com
8 Videotaped deposition of WOOKYUN	8
9 KHO, held at Morrison & Foerster, LLP,	9
10 425 Market Street, San Francisco,	10 MORRISON & FOERSTER, LLP
11 California, pursuant to Subpoena before	11 Attorneys for Plaintiff
12 Linda Vaccarezza, a Certified Shorthand	12 425 Market Street
13 Reporter of the State of California.	13 San Francisco, California 94105
14	14 BY: HAROLD J. McELHINNY, ESQ.
15	15 MINN CHUNG, ESQ.
16	16 BROOKS M. BEARD, ESQ.
17	17 hmcelhinny@mof.com
18	18 mchung@mof.com
19	19 bbeard@mof.com
20	20
21	21
22	22
23	23 ALSO PRESENT: Rosa Kim, Samsung Electronics
24	24 INTERPRETER: Ted Kyung-Gi Kim
25	25 CHECK INTERPRETER: Lee Boese

Page 4	Page 5
1 THE VIDEOGRAPHER: Good morning.	1 MR. CHUNG: Minn Chung, same,
2 This marks the beginning of the disk	2 representing Apple.
3 labeled number 1 of the videotaped	3 MR. BEARD: Brooks Beard with
4 deposition of Wookyun Kho in the matter	4 Morrison Foerster representing Apple.
5 Apple Incorporated versus Samsung 09:19	5 MR. TUNG: Mark Tung from Quinn 09:21
6 Electronics Company, LTD, held in the	6 Emanuel representing Samsung.
7 United States District Court for the	7 MS. KIM: Rosa Kim from Samsung
8 Northern District of California, San Jose	8 in-house.
9 division. Case number is 11-CV-	9 THE VIDEOGRAPHER: Thank you.
10 01846-LHK. 09:20	10 Would the reporter please swear the 09:21
11 This deposition is being held	11 witness and interpreters.
12 at 425 Market Street in the city of San	12 WOOKYUN KHO,
13 Francisco, California, taken on January	13 Having been duly sworn, by the
14 2012 at approximately 9:22 a.m. My name	14 Certified Shorthand Reporter, was
15 is Benjamin Gerald. I am the legal video 09:20	15 examined and testified as follows: 09:21
16 specialist from TSG Reporting,	16 THE VIDEOGRAPHER: Thank you.
17 Incorporated, headquartered at 747 Third	17 Please proceed.
18 Avenue, New York, New York. The court	18 EXAMINATION
19 reporter is Linda Vaccarezza in	19 BY MR. MCELHINNY:
20 association with TSG Reporting. 09:20	20 Q. Good morning, Mr. Kho. I 09:21
21 At this time, will counsel	21 introduced myself before the deposition started,
22 please identify themselves for the	22 but I'll do it again. My name is Harold
23 record.	23 McElhinny. I'm an attorney in the United States,
24 MR. MCELHINNY: My name is Harold	24 and I represent Apple Inc.
25 McElhinny. I represent Apple Inc. 09:21	25 And as you may know, Apple Inc. 09:22

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Page 6	Page 7
1 has sued your employer, Samsung Electronics, and 2 today, I'll be asking you some questions that 3 relate to that lawsuit.	1 Q. How old are you? 2 A. 28.
4 You have just taken an oath to 5 tell the truth in this proceeding. Do you 09:22 6 understand that?	3 Q. What is your birthday? 4 A. 10/11/84. I'm wondering whether 5 I'm, indeed, 28, going by American age. I have 09:24 6 to do some figuring out whether that's correct or 7 not.
7 A. Yes. 8 Q. And do you understand that those 9 oaths can be enforced in the United States by 10 criminal penalties against those who do not tell 09:23 11 the truth in a deposition?	8 Q. That's why I asked your birthday. 9 Sir, I'm going to ask you a series of questions. 10 My questions are going to be translated into 09:25 11 Korean by our translator here; your answers will 12 be translated back into English by our translator 13 and will be recorded by the court reporter.
12 MR. TUNG: I object to the extent 13 it calls for a legal conclusion.	14 Do you have any questions about 15 that process? 09:25
14 MR. MCELHINNY: Did you get the 15 witness's answers? 09:23	16 A. No.
16 Q. Would you answer my question, 17 please?	17 Q. Are you taking any medication that 18 would interfere with your ability to answer 19 questions today?
18 A. Yes. 19 Q. Sir, have you ever had your 20 deposition taken before in any kind of 09:23 21 litigation?	20 A. No. 09:25
22 A. No.	21 Q. You speak English, don't you, 22 Mr. Kho?
23 Q. Have you ever given any testimony 24 under oath ever before in your life?	23 A. I'm able to speak a little. A
25 A. No. 09:24	24 little. 25 Q. You went to school at Columbia? 09:26
Page 8	Page 9
1 A. Yes.	1 A. Right.
2 Q. In New York City?	2 Q. And for how long have you lived in 3 New York City? Let me ask you a different 4 question. How long in total during your life 5 have you lived in the United States? 09:27
3 A. Yes.	6 A. I lived for about two years.
4 Q. For how many years, sir? 09:26	7 Q. And what year did you move back to 8 Korea, sir?
6 Q. Did you get a degree from that 7 program?	9 A. 2008.
8 A. Yes.	10 Q. Do you maintain a personal 09:28 11 Facebook account?
9 Q. What was your degree? 09:26	12 A. Yes.
10 A. A master's degree.	13 Q. And under what name is that 14 account, sir?
11 Q. In what, sir?	15 A. I'm wondering what you mean by 09:28 16 what name. I just have it in my name.
12 A. Computer and engineering field.	17 Q. Do you maintain it under a English 18 name, English spelling of your name?
13 Q. Did you do well? Did you get good 14 grades? 09:26	19 A. Yes.
15 A. Yes, I think so.	20 Q. And on that account, do you tell 09:29 21 people that you speak English?
16 Q. What language was that course 17 taught in?	22 MR. TUNG: Objection. Vague.
18 MR. TUNG: Objection. Vague, 19 compound.	23 THE WITNESS: I don't think there 24 are any instances of me telling people 25 that I can speak English. 09:29
20 THE WITNESS: I heard the lectures 09:27 21 in English.	
22 Q. And did you live in New York City 23 during that time?	
24 A. Yes.	
25 Q. Did you live off campus? 09:27	

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Page 10	Page 11
1 Q. On that account, you don't	1 years. I do not exactly recall.
2 describe one of your talents as speaking English?	2 Q. Did you purchase your iMac?
3 A. I do not really recall.	3 A. No.
4 Q. Okay. Do you currently own any	4 Q. How did you obtain your iMac?
5 products manufactured by Apple? 09:30	5 A. I was given that as a gift. 09:32
6 A. Yes.	6 Q. By whom?
7 Q. And what products are those, sir?	7 A. My girlfriend.
8 A. iPhone, iPad, iMac, MacBook Air.	8 Q. How long have you owned your
9 Q. Did you purchase your iPhone?	9 MacBook Air?
10 A. Yes. 09:30	10 A. About three months. I think is 09:33
11 Q. And when did you purchase it?	11 been about three months.
12 A. December of 2010.	12 Q. Did you purchase your MacBook Air?
13 Q. Where did you purchase it?	13 A. Yes.
14 A. It was in Korea.	14 Q. And where did you buy it?
15 Q. In Seoul? 09:31	15 A. I bought it in Korea. 09:33
16 A. Yes.	16 Q. In Seoul?
17 Q. When did you purchase your iPad?	17 A. I bought it from a website.
18 A. Well, it's been a while, so I've	18 Q. From the Apple website?
19 not recall that exactly.	19 A. No. There was a place, an outfit
20 Q. Did you purchase your own iPad? 09:31	20 that represented itself as the official dealer 09:33
21 A. No. That was a gift.	21 and I bought it from there.
22 Q. From whom was that a gift?	22 Q. Do you remember the name of that
23 A. My girlfriend.	23 website?
24 Q. How long have you owned your iMac?	24 A. It was called Family Purchase
25 A. Three years, two years, three 09:32	25 Center. 09:34
Page 12	Page 13
1 Q. By whom are you currently	1 describe what you mean by "given" or "give."
2 employed?	2 Q. I'm about to ask you a question,
3 A. Samsung Electronics Company.	3 and in that question, I'm not asking you about
4 Q. How long have you worked for	4 the Samsung -- the Apple products that you own
5 Samsung Electronics? 09:34	5 personally. That's not what the question is 09:37
6 A. It's been about three and a half	6 about.
7 years.	7 My question is: At your
8 Q. What year did you start?	8 employment at Samsung, have you ever used any
9 A. It was in 2008 that I joined the	9 Apple products?
10 company. 09:35	10 A. Yes, I have used. 09:37
11 Q. Did any Samsung entity pay in any	11 Q. And what products have you used at
12 way for the work that you did, the studying that	12 your employment?
13 you did at Columbia?	13 A. I have used iPhone and iPad.
14 A. No.	14 Q. Do you know what version of the
15 Q. Did you start to work with Samsung 09:35	15 iPhone or versions you used? 09:38
16 Electronics as soon as you returned to Korea from	16 A. As for the iPhone, it was 3G S and
17 Columbia?	17 4, and as for iPad, the first generation, the
18 A. Yes.	18 second generation, I have used two.
19 Q. Have you ever worked for any other	19 Q. Now, I'm going to go back to the
20 company? 09:36	20 ones that you actually own yourself. What 09:39
21 A. No.	21 version of the iPhone do you own?
22 Q. During any of the time that you	22 A. And by that, you're asking me what
23 have worked for Samsung, has anyone at Samsung	23 I currently own?
24 ever given you an Apple product for any purpose?	24 Q. Yes, please.
25 A. I would like you to clarify, 09:36	25 A. It is iPhone 4. 09:39

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Page 14	Page 15
1 Q. Is that the one you bought in 2 December 2010?	1 understand it. During the entire time that 2 you've worked at Samsung, three years, you've
3 A. Yes.	3 never had a Samsung business card?
4 Q. Have you previously owned other 5 earlier versions of the iPhone? 09:40	4 A. No. That's not it. I did have a 5 business card before. 09:42
6 A. Yes.	6 Q. And when you had a business card,
7 Q. And what other versions have you 8 owned?	7 did it describe your job position on it?
9 A. I owned a 3G S.	8 A. Yes.
10 Q. What version of the iPad do you 11 currently own? 09:40	9 Q. And what was the description on 10 your business card? 09:42
12 A. iPad, the first generation.	11 A. An engineer.
13 Q. Sir, what is your title at work?	12 Q. Today, are you assigned to any
14 A. I'm an engineer.	13 particular group or division at Samsung?
15 Q. Do you have a formal title? 09:41	14 A. Yes.
16 A. I do not understand what you mean 17 by a "formal title."	15 Q. And what's the title of the 16 organization that you're assigned to? 09:43
18 Q. Do you have a business card?	17 A. Advanced Development Software,
19 A. No, I do not.	18 Group 1.
20 Q. At Samsung, you don't have a 21 business card? 09:41	19 Q. How many years are in that group? 20 A. I do not know that exactly. 09:44
22 A. Well, if you request for a 23 business card, I would provide you with business 24 cards. I never requested for one, so...	21 Q. Are you in a special division, a 22 special division that is smaller than the entire 23 Advanced Development Software Group?
25 Q. All right. Let me make sure I 09:42	24 A. Could that question be repeated, 25 please? 09:44
Page 16	Page 17
1 Q. Sure. I'm going to ask it a 2 slightly different way. Is the Advanced 3 Development Software Group divided into smaller 4 groups?	1 Q. What is the name of the person who 2 is in charge of the 2-D Visual Effect Team?
5 A. Yes. That's correct. 09:44	3 A. Myself.
6 Q. And just so that I have the 7 terminology right, what's the Korean term for the 8 smaller groups?	4 Q. And just so that I'm clear, you're 5 not a senior engineer? 09:47
9 A. By that, you're asking me to list 10 all the teams, are you? 09:45	6 A. I'm not.
11 Q. No. I'm trying to figure out if 12 "team" is the right word to use. Do you call 13 them "teams"?	7 Q. Okay. Is there a position at 8 Samsung that is called senior engineer?
14 A. Yes. That's correct, a team.	9 A. Yes.
15 Q. Thank you. Are you part of a 16 specific team? 09:46	10 Q. Do the other seven engineers on 11 the 2-D Visual Effect Team report to you? 09:48
17 A. Yes.	12 A. That would not be applicable to 13 all of them.
18 Q. And what is the name of your team?	14 Q. Okay. How many of the engineers 15 in the 2-D Visual Effect Team report to you? 09:48
19 A. 2-D Visual Effect Team.	16 A. Four.
20 Q. How many engineers are on the 2-D 21 Visual Effect Team? 09:46	17 Q. To whom do the other three 18 engineers report?
22 A. Eight.	19 A. Well, they report to one of the 20 four people who report to me. 09:49
23 Q. What is the title of the person 24 who is in charge of the 2-D Visual Effect Team?	21 Q. To whom do you report directly? 22 A. There are several people.
25 A. An engineer. 09:47	23 Q. All right. Who are they? 24 A. Currently, there is the senior 25 engineer, BYEONG-OK, Kim, common spelling. 09:50

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Page 18	Page 19
1 Senior engineer, DAE-WOON, MYEONG, common	1 Q. Are you a member of something
2 spelling. Correction with the last name.	2 called the Advanced Development Software Group 1?
3 Correction with the first name. BYEONG-WOOK,	3 A. Right.
4 Kim.	4 Q. And who is in charge of that
5 Q. Is senior engineer Kim responsible 09:51	5 group? 09:54
6 for a group that is larger than a team?	6 A. I do not know that for certain.
7 A. Correct.	7 Q. Have you -- during the time that
8 Q. And what is the name of the group	8 you've worked at Samsung, have you worked for any
9 that he's in charge of?	9 other software group other than the Advanced
10 A. Application Framework. 09:51	10 Development Software Group 1? 09:54
11 Q. And forgive my pronunciation, is	11 A. Yes.
12 senior engineer Myeong responsible for a group	12 Q. What other groups have you worked
13 that is larger than a team?	13 for? I'm going to ask it differently. How long
14 A. Yes.	14 have you worked in the Advanced Development
15 Q. And what is the name of his group? 09:52	15 Software Group 1? 09:55
16 A. View System.	16 A. I think it's been a week or two.
17 Q. And just so I have my terminology,	17 Q. Good. How long have you been the
18 would that be a considered a team or a group or	18 head of the 2-D Visual Effect Team?
19 something else?	19 A. I think is been about two, three,
20 A. It's called a team. 09:52	20 months. 09:56
21 Q. Okay. Who is in charge of the	21 Q. Was that a promotion?
22 Application Development Software Group 1?	22 A. No. That was not.
23 A. The name of the group you just	23 Q. Okay. What group were you in
24 mentioned could be -- I think it is wrong.	24 immediately before you were in the Advanced
25 Perhaps could you ask me that again? 09:53	25 Development Software Group 1? 09:56
Page 20	Page 21
1 A. Google Android Group.	1 date. What was the date of the organizational
2 Q. How long were you in the Google	2 restructuring?
3 Android Group?	3 A. So by that, are you asking about
4 A. It was for about two years.	4 the change from Google Android to Advanced
5 Q. During the time that you were in 09:57	5 Development Group? 10:00
6 the Google Android Group, were you ever in charge	6 Q. I am.
7 of the team?	7 A. I'm wondering whether that was at
8 MR. TUNG: Objection. Vague.	8 the end of December last year, or I think it was
9 THE WITNESS: For about three	9 at the end of December.
10 months at the end, I had -- I was in 09:57	10 Q. Okay. In November of last year, 10:00
11 charge of a team.	11 who was your immediate supervisor?
12 Q. What was the name of that team?	12 A. Senior engineer Byeong-Wook Kim.
13 A. 2-D Visual Effect Team, but	13 Q. And in November of last year, to
14 commonly, it's referred to as just Effect Team.	14 whom did senior engineer Kim directly report?
15 Q. I'm going to ask you a series of 09:58	15 A. Vice president Min-Cheol Shin. A 10:01
16 questions about supervision in the Google Android	16 common spelling.
17 Group just before you left.	17 Q. And what was the name of the group
18 Just before you left that group,	18 that vice president Chin was in charge of?
19 to whom did you report?	19 A. I do not know that exactly.
20 A. The way you phrased it, you said I 09:59	20 Q. Okay. Do you know what an 10:02
21 left the team, but it's not that I left the team	21 organization chart is?
22 per se, but rather within that time frame, the	22 A. Yes.
23 organizational structure changed. So the name of	23 Q. Have you ever seen an organization
24 the team changed.	24 chart for the Google Android Group?
25 Q. Okay. What was the -- let's get a 09:59	25 A. Yes, I have. 10:02

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Page 22	Page 23
1 Q. Have you ever seen an	1 A. No. That is not the case.
2 organizational chart for the Advanced Development	2 Q. Do you have a computer at work?
3 Software Group?	3 A. Yes, I do.
4 A. I did not get to see the entire	4 Q. And that is a computer that was
5 chart. 10:03	5 supplied by Samsung; is that correct? 10:06
6 Q. What was the nature of the chart	6 A. Yes, that's correct.
7 you got to see?	7 Q. And do you send and receive e-mail
8 A. I only looked at the	8 correspondence on that computer?
9 organizational units that were under vice	9 A. Yes, that's correct.
10 president Min-Cheol Chin, MIN-CHEOL CHIN. 10:04	10 Q. Do you personally maintain files 10:06
11 Q. Is vice president Chin part of --	11 of correspondence on your computer?
12 today, part of the Advanced Development Software	12 A. No, they are mostly --
13 Group?	13 correction. They are mostly maintained. E-mails
14 A. That is my understanding.	14 are all stored.
15 Q. And do you know today the name of 10:04	15 Q. How are e-mails stored? 10:07
16 the team or group that he's responsible for?	16 A. I use Outlook application.
17 A. I do not.	17 Q. Outlook permits you to open your
18 Q. Do you bring your personal	18 own files on your computer, correct, and store
19 computer to work on a regular basis?	19 correspondence in that?
20 A. No. That is not the case. 10:05	20 A. Yes, that's correct. 10:08
21 Q. Okay. Do you send work-related	21 Q. And do you do that?
22 e-mail on your personal computer?	22 A. Yes. Outlook does that
23 A. No. That is not the case.	23 automatically for me.
24 Q. Do you receive work-related e-mail	24 Q. If you get an e-mail and if you
25 on your personal computer? 10:06	25 delete that e-mail, do you know whether it is 10:08
Page 24	Page 25
1 stored any place else in the company?	1 say "software requirements document"?
2 A. No, I do not.	2 A. I think them to be documents that
3 Q. You don't know?	3 show how they should operate.
4 A. I do not know.	4 Q. When you say "how they should
5 Q. Okay. Other than e-mail, do you 10:09	5 operate," what are the "they"? How what should 10:12
6 personally keep other kinds of documents on your	6 operate?
7 computer?	7 A. Well, there are instances when
8 A. Yes, I do.	8 software automatically runs by itself, but there
9 Q. What other kinds of documents do	9 are more prevalent, other instances where the
10 you keep on your computer? 10:09	10 user interacts, and thereby, the software would 10:13
11 A. Well, I store this and that, so I	11 operate. And so this would be a document that
12 think it would be difficult for me to say	12 describes how it should operate per interaction
13 specifically that it's what, it's that, what.	13 with the user.
14 Q. Do you keep computer program	14 Q. Is it part of your work
15 source code on your computer? 10:10	15 responsibility at Samsung to actually write 10:13
16 A. Yes. Some portion of it.	16 software?
17 Q. Do you keep software design	17 A. Yes. That's correct.
18 documents on your computer?	18 Q. Is it part of your
19 A. I do not understand when you say	19 responsibilities at Samsung to create
20 "software design document." 10:10	20 requirements documents? 10:13
21 Q. Okay. Do you keep software	21 A. No. That is not the case.
22 requirements documents on your computer?	22 Q. Do you, in your team, maintain
23 A. Yes, not that I store all of them,	23 files of physical documents?
24 but as to some, yes.	24 A. No. There are hardly any such
25 Q. Okay. What do you mean when you 10:11	25 things. So there is nothing that's maintained. 10:14

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<p style="text-align: right;">Page 26</p> <p>1 Q. When did you first hear that Apple 2 had sued Samsung? 3 A. I do not recall that exactly. 4 Q. Do you recall how you first 5 learned? 10:15 6 MR. TUNG: Let me caution the 7 witness not to reveal any attorney-client 8 communication. 9 THE WITNESS: Yes, I recall that. 10 Q. And let's just start not with the 10:16 11 content, but how did you first learn? 12 MR. TUNG: Again, I caution the 13 witness not to reveal substance of 14 attorney-client communication in your 15 answer. 10:16 16 THE WITNESS: I read that in a 17 newspaper article. 18 Q. I don't want -- I don't want to 19 know the substance, but have you ever received 20 any notification from the company that there's a 10:16 21 lawsuit between Apple -- from Samsung -- that 22 there's a lawsuit between Apple and Samsung? 23 MR. TUNG: Again, I caution you 24 not to reveal any notification that came 25 from an attorney. He's asking not about 10:17</p>	<p style="text-align: right;">Page 27</p> <p>1 the substance of any communication, but 2 if the notification contained certain 3 information about the litigation, you 4 should not include that in your answer. 5 Q. I'll make it very simple. I'm 10:17 6 just asking for a yes or no. 7 MR. TUNG: Let me clarify my 8 instruction. He's asking about 9 notification of certain information, and 10 I'm saying if that information is coming 10:18 11 from an attorney, you should exclude that 12 from your answer. 13 Q. With all that, I'm going to ask 14 you the question again so you have the question 15 in mind. 10:19 16 Have you ever received any kind of 17 notification from your company that there is a 18 lawsuit between Apple and Samsung? And I'm 19 asking just you to tell me yes or no. 20 MR. TUNG: I'll give you the same 10:19 21 caution. 22 THE WITNESS: No. 23 Q. Okay. Different question. 24 Different yes-or-no question. 25 Have you ever been notified by 10:20</p>
<p style="text-align: right;">Page 28</p> <p>1 Samsung that you should be taking steps to 2 preserve documents in connection with this 3 lawsuit? 4 A. Yes. 5 Q. When did you get that notice? 10:20 6 A. I do not really recall exactly 7 when that was. 8 Q. Do you recall what year it was? 9 A. 2010. 10 Q. Have you personally taken any 10:21 11 steps to preserve documents in connection with 12 this lawsuit? 13 A. No. I haven't done anything just 14 for that purpose. 15 Q. Okay. 10:21 16 MR. TUNG: We have been going 17 about an hour, whenever -- 18 MR. MCELHINNY: I have two more 19 questions. 20 MR. TUNG: And then we can take a 10:21 21 break. 22 Q. Different question. Have you 23 personally ever search your computer records for 24 documents that might be relevant to this lawsuit? 25 A. I would appreciate it if you could 10:21</p>	<p style="text-align: right;">Page 29</p> <p>1 ask me the question again. 2 Q. Sure. Have you personally done 3 any search of your computer records for documents 4 that might relate to this lawsuit? 5 MR. TUNG: Do you have questions 10:23 6 about privilege? 7 MR. MCELHINNY: Why don't we take 8 our break. 9 MR. TUNG: Let me just make sure 10 he understands the scope. 10:23 11 MR. MCELHINNY: No problem. No 12 problem. 13 THE VIDEOGRAPHER: The time is 14 10:25 a.m. and we are off the record. 15 (Recess taken from 10:25 a.m. to 10:23 16 10:42 a.m.) 17 THE VIDEOGRAPHER: The time is 18 10:42 a.m. and we are back on the record. 19 BY MR. MCELHINNY: 20 Q. Mr. Kho, have you personally ever 10:40 21 searched your computer records for documents that 22 might be relevant for this lawsuit? 23 MR. TUNG: You can answer the 24 question about what you personally did. 25 Just omit communications with attorneys 10:41</p>

HIGHLY CONFIDENTIAL ATTORNEYS' EYES ONLY

Page 30	Page 31
1 from your answer.	1 A. For sure, it was prior to
2 THE WITNESS: Yes, I have searched	2 September, but it's just that I do not know how
3 my computer.	3 far back that was.
4 Q. And did you do that at the request	4 Q. Thank you. When was the second
5 of some person? 10:41	5 time? 10:44
6 A. Yes. That's correct.	6 A. My recollection is that that was
7 Q. And what is the name of the person	7 either September or October of last year.
8 that asked you to do that?	8 Q. And when was the third time?
9 MR. TUNG: I'm going to object and	9 A. I think that was last year,
10 instruct you not to answer the question. 10:42	10 December, either December or November. 10:45
11 Q. Sir, when you did this -- how long	11 Q. I want to focus on the first time
12 did it take you to do this search?	12 that you did it. What was the name of the person
13 A. Considering that I did that	13 who asked you to do that search?
14 several times, if you could pick out or point out	14 MR. TUNG: If the person is from a
15 exactly when you're referring to, it would be 10:43	15 legal department or attorney, I'll 10:45
16 easier for me to answer.	16 instruct you not to answer, but you can
17 Q. Thank you. How many times have	17 answer the question otherwise.
18 you searched your computer records for documents	18 THE WITNESS: I will not answer
19 that might be relevant to this litigation?	19 that.
20 A. Three occasions. 10:43	20 Q. The second time, what was the name 10:46
21 Q. When was the first time?	21 of the person who asked you to do that search?
22 A. It was last year. I don't recall	22 MR. TUNG: I'll give you the same
23 exactly.	23 instruction. If the person is from the
24 Q. Do you recall how many months ago	24 legal department or an attorney, then I
25 approximately? 10:44	25 instruct you not to answer, but you can 10:46
Page 32	Page 33
1 answer the question otherwise.	1 first time you searched. How long did that take
2 THE WITNESS: I will not answer	2 for you to do that search?
3 that.	3 A. I believe it took about two or
4 Q. And you're refusing to answer	4 three hours.
5 because of your attorney's instruction; is that 10:46	5 Q. Were you alone when you were doing 10:48
6 correct?	6 that, or was someone with you when you were doing
7 A. Yes. That's correct.	7 the search?
8 Q. Who was the person who asked you	8 A. I was by myself when I did my
9 to do the search the second time the same person	9 first search.
10 who asked you to do it the first time? And I'm 10:47	10 Q. Were you by yourself when you did 10:49
11 only asking for a yes-or-no answer to that	11 your second search?
12 question.	12 A. No. I was not by myself.
13 MR. TUNG: So in light of your	13 Q. Who was with you when you did the
14 answers to the previous two questions, I	14 second search?
15 instruct you not to answer that question. 10:47	15 MR. TUNG: I'll give you the same 10:49
16 THE WITNESS: I will not answer.	16 caution not to reveal the name of the
17 Q. What was the name of the person	17 person who -- if that person is an
18 who asked you to do the third search?	18 attorney or from the legal department,
19 MR. TUNG: I'll give you the same	19 but you can answer the question.
20 instruction. If the person is from the 10:48	20 THE WITNESS: I cannot disclose 10:50
21 legal department or an attorney, I	21 the name.
22 instruct you not to answer; otherwise,	22 Q. Were you alone when you did the
23 you can answer the question.	23 third search?
24 THE WITNESS: I will not answer.	24 A. No, I was not by myself.
25 Q. I'm going to ask you about the 10:48	25 Q. And who was the name of the person 10:50

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1 who was with you the third time?	1 A. No. On the occasion of the second
2 MR. TUNG: I'll give the same	2 search, I did not use that word.
3 instruction. If the person that was with	3 Q. On the third search, the most
4 you was from the legal department or an	4 recent one, did you search for any Korean words?
5 attorney, I instruct you not to answer, 10:50	5 A. Yes, I did. 10:53
6 but otherwise, you can answer the	6 Q. And did you give me a list of the
7 question.	7 Korean words that you searched for?
8 THE WITNESS: I will not answer.	8 A. "Apple" as is written in Korean
9 Q. I want to ask you about the most	9 character, and I don't know if this -- this may
10 recent time, the third search. When you did that 10:51	10 not be a Korean word, per se, but a combination 10:54
11 search, did you search for certain words?	11 of English alphabet and Chinese character, and
12 A. Yes. That's correct.	12 the Korean transliteration is A-sa, meaning "a
13 Q. And were some of those words in	13 company."
14 English?	14 Q. When you did the first search, did
15 A. Yes, some were English words. 10:51	15 you search for any Korean terms? 10:55
16 Q. And can you remember the English	16 A. Yes, I did.
17 words you searched for?	17 Q. Can you tell me to the best of
18 A. "Apple." On the occasion of the	18 your recollection what terms you searched for in
19 third search, other than "Apple," there is	19 the first search?
20 nothing I can recall now. 10:52	20 A. Bounce, bouncing, bouncing effect, 10:55
21 Q. Okay. Did you search for the word	21 bounce effect, list bouncing. I think that's
22 "Apple" in the first search that you did?	22 about it.
23 A. No. That was not the case.	23 Q. Did you search for any English
24 Q. Did you search for the word	24 words in the first search?
25 "Apple" in the second search that you did? 10:53	25 A. Yes, in my first search, I also 10:56
Page 36	Page 37
1 used English words.	1 MR. TUNG: So if the person is on
2 Q. And what were those?	2 the legal team or an attorney, I direct
3 A. This would match up with the	3 you not to provide the name, but you can
4 Korean words that I just mentioned to you.	4 otherwise answer the question.
5 Namely, bouncing effect, bounce effect, bounce, 10:57	5 THE WITNESS: I cannot answer the 11:00
6 bouncing, list bouncing.	6 question.
7 Q. Did you search for any other terms	7 Q. I'm going to change subjects now,
8 that you haven't told me the first time around?	8 Mr. Kho. You testified this morning that while
9 A. I think there were some more.	9 you were employed at Samsung, you were provided
10 It's just that I do not exactly recall. 10:57	10 with an iPhone 3G S; is that correct? 11:00
11 Q. Do you recall any terms you	11 A. I don't think I ever said that.
12 searched for in the second search?	12 Q. While you were employed by
13 A. Yes, I recall some.	13 Samsung, did you ever use an iPhone 3G S that was
14 Q. And which -- can you tell me the	14 provided to you by Samsung?
15 ones that you recall, please. 10:58	15 A. I have used it for the purpose of 11:01
16 A. iPhone and iPad were used in both	16 testing.
17 languages, Korean and English.	17 Q. Fair enough. I want to use your
18 Q. Do you recall any others?	18 language. So that's what I'm trying to get to.
19 A. I do not recall any more for the	19 So while you were employed by Samsung, you were
20 second search. 10:59	20 given an iPhone 3G S to test it; is that correct? 11:01
21 Q. Are you the person who decided	21 A. I would like to ask a question
22 what terms to search for?	22 back to you. When you say "given" or "gave,"
23 A. No, I wasn't.	23 whether that you gave that the company, gave it
24 Q. Who gave you the list of terms to	24 to me?
25 search for? 10:59	25 Q. I can see what word is giving you 11:02

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<p>1 trouble, so let's see if we can focus that for a 2 minute. Did you ever test, while you worked at 3 Samsung, did you ever test an iPhone 3G S? 4 A. I have used iPhone 3G S. 5 Q. From where did you obtain that 11:03 6 phone? 7 A. This was a device that was just at 8 the company. 9 Q. How did it come to you? 10 A. Well, there is a person who has 11:04 11 that. I just briefly borrowed it. 12 Q. And who was the name of the person 13 that you borrowed it from? 14 A. I do not recall that exactly. 15 Q. Was this person an engineer on 11:04 16 your team? 17 A. This was not a person who works in 18 the same team as I. 19 Q. What team did this person work on? 20 A. I do not recall the name of the 11:05 21 team exactly. 22 Q. How did you know that this person 23 had an iPhone 3G S? 24 A. I knew it just because that person 25 were managing, not just the iPhone 3G S, but, say 11:06</p>	<p>1 pretty much all the competitor's cellular phones. 2 Q. What plant did you work at? 3 A. I do not work as a plant, per se. 4 Q. Okay. What office? What is the 5 office address that you work? 11:07 6 A. I work at an office that's located 7 in the city of SUWON of KYEONGGIDO of South 8 Korea. 9 Q. Does that office have a name at 10 Samsung? 11:07 11 A. Yes, it does. 12 Q. And what is the name of that 13 office? 14 A. R-3. 15 Q. This person from whom you borrowed 11:08 16 the iPhone 3G S, does that person work at R-3? 17 A. Yes, at the time, he worked at 18 R-3. 19 Q. When was this that you borrowed 20 the phone from this person? 11:08 21 A. I believe it was around August or 22 September of 2010. 23 Q. Do you remember how long you had 24 it, the iPhone, the iPhone 3G S? 25 A. I believe it was for a day or two. 11:09</p>
Page 40	Page 41
<p>1 Q. Did you borrow this iPhone 3G S as 2 part of an assignment that you had been given? 3 A. Right, I borrowed it, and in the 4 midst of carrying out my work, in the interim, I 5 briefly needed it. 11:11 6 Q. Briefly? 7 A. Needed it. 8 Q. What was the work that you were 9 doing that caused you to need an iPhone 3G S? 10 A. There is something similar to the 11:11 11 work I was carrying out. So I borrowed it for 12 comparison purpose. 13 Q. And what was the work that you 14 were carrying out? 15 A. I was carrying out the work of 11:12 16 improving on the bouncing effect. 17 Q. So that we all understand and are 18 using the same terms, what do you mean when you 19 say "bouncing effect"? 20 A. My understanding of it is that 11:13 21 this is an effect in order to let the user know, 22 say when there is a list, in order to let the 23 user know that it is done or over with, when the 24 list reaches the end. 25 Q. When did you start working on the 11:14</p>	<p>1 bounce effect? 2 A. I believe that was around the 3 start of the year 2010. 4 Q. You mentioned this morning that 5 while you've been employed at Samsung, you've 11:15 6 used an iPhone 4; is that correct? 7 Whatever is here does not make 8 sense, so I'm going to ask a different question. 9 You mentioned this morning that 10 while you worked at Samsung, you used an iPhone 11:15 11 4; is that correct? 12 A. I personally have an iPhone 4. 13 Q. I understand that. But didn't you 14 also tell me that you obtained one, you got one 15 at work to test as well? 11:16 16 Let me ask you a different 17 question. While you've been working at Samsung, 18 have you tested a iPhone 4 as part of your 19 employment? 20 A. Yes, I have tested iPhone 4. 11:16 21 Q. All right. And did you test your 22 own personal iPhone 4 or did you test some other 23 iPhone 4? 24 A. I have used my personal phone as 25 well as the one that was at the company as well. 11:17</p>

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1 Q. Okay. I don't want to talk about	1 Q. Where is that?
2 yours; I want to talk about the one that was at	2 A. Currently, that's at the 18th
3 the company. Okay?	3 floor of R-3.
4 When did you test -- when did you	4 Q. What floor are you on at R-3?
5 get access to the one that was at the company? 11:18	5 A. Likewise, on the 18th floor. 11:21
6 A. It was at the same time when, as	6 Q. You mentioned this morning that
7 when I had borrowed iPhone 3G S.	7 you had also borrowed an iPad 1, correct?
8 Q. Did you borrow the iPhone 4 from	8 A. Well, it's correct that I have
9 the same person?	9 borrowed iPhone 3G S and iPhone 4. Well, what's
10 A. Yes, it was borrowed from the same 11:18	10 confusing me now is that as far as -- as far as 11:22
11 person.	11 the borrowing this, I don't think that was asked
12 Q. And you don't remember what	12 this morning. Was it?
13 organization that person is in?	13 Q. We'll have a record of it.
14 A. It's just that I know physically	14 THE INTERPRETER: Hold on.
15 where it is, but I do not know the name of the 11:19	15 Correction. This morning, I did talk 11:23
16 organization that he belongs to.	16 about iPhone 3G S and iPhone 4 I have,
17 Q. Physically, where is he?	17 but what's confusing me now that as far
18 A. Are you asking about the current	18 as borrowing this, I don't think that was
19 location?	19 asked this morning, was it?
20 Q. Sure. 11:19	20 Q. Let me ask a simple question. 11:23
21 A. The person who handles this or	21 During the time that you've been employed at
22 these is at the same location, and -- but then	22 Samsung, have you ever done any testing or
23 the personnel may change. So I would not know	23 analysis of an iPad 1?
24 the exactly the location of the person, but I do	24 A. iPhone 1 -- correction. iPad 1
25 know the location where I need to go to borrow. 11:20	25 was also used for comparison purpose, as was the 11:24
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1 case with iPhone 3G S and iPhone 4.	1 deposition of Woogyun Kho. The time is
2 Q. When you did the comparisons on	2 12:57 p.m. and we are back on the record.
3 the iPad 1, when did you do that?	3 BY MR. MCELHINNY:
4 A. That was at the same time when I	4 Q. Mr. Kho, before I go back to where
5 did the work, having borrowed iPhone 3G S and 11:25	5 we stopped, I have a follow-up question on 12:56
6 iPhone 4.	6 something I asked you earlier. Was the person
7 Q. Okay. At any time that you've	7 who sat with you when you did your second
8 been employed at Samsung, have you ever done	8 document search, was that person a member of
9 testing or analysis of an iPad 2?	9 Samsung's legal department?
10 A. I have done compare -- I have used 11:25	10 A. Yes. 12:56
11 iPad 2 for the comparison purpose.	11 Q. Was that person a lawyer from the
12 Q. Was that at the same time as these	12 United States?
13 other three?	13 MR. TUNG: Objection. Lacks
14 A. No. I don't think at that time	14 foundation.
15 frame, iPad 2 was around. 11:26	15 THE WITNESS: I do not recall that 12:57
16 MR. MCELHINNY: We are going to	16 exactly.
17 change the tape.	17 Q. Now I'm going to go back to where
18 THE VIDEOGRAPHER: This marks the	18 we stopped before lunch.
19 end of Disk Number 1 in the deposition of	19 And we stopped, I think I just
20 Woogyun Kho. The time is 11:27 a.m. and 11:26	20 started to ask you about using the iPad 2 at 12:57
21 we are off the record.	21 work. Do you remember when you tested or looked
22 (Luncheon recess was taken from	22 at the iPad 2 at work?
23 11:27 a.m to 12:57 p.m.)	23 A. Yes, I do.
24 THE VIDEOGRAPHER: This marks the	24 Q. And when was that?
25 beginning of Disk Number 2 in the 12:56	25 A. My recollection is that that was 12:58

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1 around April or May of last year.	1 Q. And is Mr. Kim -- do you know if
2 Q. 2011?	2 Mr. Kim is still employed at Samsung?
3 A. Yes.	3 A. Yes. That's correct.
4 Q. From whom did you get the iPad 2	4 Q. And do you know what his
5 that you looked at? 12:58	5 responsibilities are today? 01:01
6 A. I borrow it from my then boss at	6 A. Yes, I do.
7 the time.	7 Q. And what are those?
8 Q. And do you remember your boss's	8 A. Well, in fact, I do not really
9 name at the time?	9 know as to the entire purview of his work, but at
10 A. Yes, I do. 12:59	10 least for some of it, there is something called a 01:02
11 Q. And what was his name?	11 clipboard, and he does the work of creating
12 A. Byeong-Wook Kim, senior engineer.	12 clipboards, and he does other miscellaneous this
13 Q. Was it -- was it Mr. Kim? Do I	13 and that. Some effects. I don't know if I can
14 have that right?	14 necessarily call them effects. And also, I don't
15 A. Yes. That's correct. 01:00	15 know if I can combine all his activities into 01:03
16 Q. And in April or May of 2011, was	16 just one, categorize as particular one. I think
17 Mr. Kim in charge of some team or organization?	17 he does a little bit of this and a little bit of
18 A. Yes.	18 that, and so I cannot really necessarily -- would
19 Q. And what was the name of that	19 not be able to necessarily characterize it as a
20 team? 01:00	20 certain thing. But I could say that he mainly 01:03
21 A. Effect Team.	21 does the work related to animation.
22 Q. Did you take Mr. Kim's position	22 Q. Is he the head of any team today?
23 when you became head of Effect?	23 A. Yes, that's correct.
24 A. Yes, I was handed the work that	24 Q. And what team is he the head of?
25 was being left. 01:01	25 A. Well, the team name is what I do 01:03
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1 not exactly know now.	1 make comparisons with the devices. And I'm going
2 Q. Okay. Is he still in the Advanced	2 to just cut a little bit of time in my testimony.
3 Development Software Group?	3 Q. Sure.
4 A. Yes. Along with me, yes.	4 A. And I'm sorry. What was the
5 Q. And is he still in part of that 01:04	5 question? 01:07
6 group that reports to vice president Chin?	6 Q. That's the problem with cutting
7 A. I understand that to be the case,	7 into your testimony. It's a skill. My question
8 at least up until the point that I came here.	8 is: I want to hear in your words why it was that
9 Q. Okay. I'm going to jump around	9 you were looking at these devices?
10 now. I want to go back to August or September 01:05	10 A. At the time, I was involved in the 01:08
11 2010 when you looked at the two phones and the	11 work of improving the bouncing effect, and iPhone
12 iPad. Did you borrow all three of those items at	12 and iPad had effects that were similar in
13 exactly the same time?	13 appearance or the shape, and -- but relatively
14 A. That was not the case.	14 speaking, they were -- they seem to be operating
15 Q. Okay. Do you remember the order 01:06	15 more smoothly. 01:09
16 in which you looked at them?	16 And so what I wanted to do is to
17 A. I do not recall that exactly.	17 make comparisons with our company's devices, and
18 Q. Okay. Can you tell me	18 thereby try to improve, try to figure out how to
19 specifically why it was you were looking at these	19 go back improving on the performance. And so
20 Apple devices? 01:06	20 this was a part of that work of making 01:10
21 A. Yes.	21 comparisons.
22 Q. Please do.	22 So this was one of the device --
23 A. At the time, the work I was doing	23 one of the many that I make comparisons with.
24 was to improve the performance of the bouncing	24 Q. So if we focus on the work that
25 effect, and because of that, I had borrowed to 01:07	25 you were doing in this August/September 2010 time 01:10

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1 frame, that's when I want to focus on right now.	1 time, in August of 2010, that you were working on
2 Were you working -- let me ask a basic question.	2 a research and development project for future
3 You say you wanted to improve the	3 products?
4 bounce effect. Do you mean improve the bounce	4 A. Because I do not remember whether
5 effect in a Samsung product? 01:11	5 Galaxy S1 had been released or not, therefore I 01:15
6 A. Yes. That's correct.	6 would not know exactly sure on that. I'm not,
7 Q. Okay. At this time frame, August	7 not exactly -- I was -- I would not exactly know
8 and September, were you working with a specific	8 on that. But a Galaxy Tab 1 had not been sold
9 Samsung product?	9 yet, so you could say that this was part of
10 A. Yes, there was a product that I 01:12	10 research and development work for future 01:15
11 was working with.	11 products.
12 Q. And what was that product?	12 Q. Again, I'm going to keep saying
13 A. I think there were two. Galaxy S1	13 this just so that -- we'll talk about other time
14 and Galaxy Tab, the first generation, one with	14 periods, but right now, I'm talking about
15 seven inches. 01:12	15 August/September 2011 when you were doing this 01:15
16 Q. And forgive me. I should know	16 comparison. Do you remember what Samsung
17 this but I don't. In August or September of	17 products you compared the Apple products to?
18 2010, was the Galaxy S1 released to the	18 A. Yes, I do.
19 marketplace?	19 Q. And what were those, sir?
20 MR. TUNG: Objection. Lacks 01:13	20 A. Galaxy S1 and Galaxy Tab, the 01:16
21 foundation.	21 first generation.
22 THE WITNESS: As to whether Galaxy	22 Q. Did you participate in any way in
23 S1 was being sold at the time, I do not	23 writing the software for the bounce function in
24 exactly recall.	24 the Galaxy S1?
25 Q. Okay. Did you understand at this 01:13	25 MR. TUNG: Objection. Vague. 01:17
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1 THE WITNESS: Yes, I participated	1 Q. When did you first join the
2 in the development of the bounce effect	2 Android Team?
3 that went into S1.	3 A. January of 2010.
4 Q. Were you in charge of the team	4 Q. Did you personally participate in
5 that did that software writing? 01:17	5 any way in writing software for the bounce 01:20
6 A. No. That was not the case.	6 function for the Galaxy Tab, first generation?
7 Q. And who was in charge of that	7 A. Galaxy Tab.
8 case?	8 MR. TUNG: Objection. Vague.
9 A. Senior engineer SEUNG-YUN Lee,	9 THE WITNESS: Yes. I have
10 LEE. Common spelling. 01:18	10 participated in the development process 01:21
11 Q. Does senior engineer Lee still	11 of the bouncing effect that went into
12 work for Samsung?	12 Galaxy Tab, the first generation.
13 A. Yes, he does.	13 Q. Who was in charge of the project
14 Q. What is his position today at	14 of writing the software for the bounce effect in
15 Samsung? 01:19	15 the Galaxy Tab, first generation? 01:21
16 A. Well, it's a lady, and she is a	16 A. That was Seung Yun Lee, senior
17 senior engineer.	17 engineer.
18 Q. Is she the head of any team?	18 Q. When did the project for writing
19 A. I do not really know.	19 the software for the bounce effect for the Galaxy
20 Q. When did the project of writing 01:19	20 Ten, first generation begin? 01:22
21 the bounce function for the Galaxy S1 begin?	21 MR. TUNG: Just to clarify, you
22 MR. TUNG: Objection. Vague.	22 mean Galaxy Tab?
23 THE WITNESS: The work was already	23 MR. MCELHINNY: Yes, please.
24 ongoing when I first joined the Android	24 THE WITNESS: Well, that time
25 Team. 01:20	25 frame is a little vague in that even 01:23

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1 though the devices may change, the same	1 don't know the answer -- is it correct that there
2 source code is used, so it would be	2 would be a different requirements document for
3 difficult to say when that was created.	3 each product?
4 Q. Have you personally participated	4 A. And you're confining your question
5 in writing source code for the bounce function in 01:23	5 only as to bouncing effect? 01:27
6 any other product other than the two that we have	6 Q. Yes.
7 mentioned?	7 A. No. They are not different per
8 A. Yes, I have participated in	8 each product. They are all the same.
9 writing or creating source code.	9 Q. Okay. Are you still working on
10 Q. Can you tell me all of the other 01:24	10 writing bounce software today? 01:28
11 products for which you participated in writing	11 A. Yes. I am participating in the
12 their bounce software?	12 development work of bouncing software.
13 A. They would be too numerous for me	13 Q. And in doing that work today, are
14 to list, but I have participated in all of the	14 you still working from requirements documents?
15 products starting from the Galaxy 1 where the 01:25	15 A. Yes, of course. 01:28
16 bounce effect goes in. Galaxy S1.	16 Q. Okay. Are the requirements
17 Q. During the year 2010, did you ever	17 documents for bounce effect that you are working
18 see a requirements document that described the	18 off of today the same requirement document that
19 desired functions of the bounce effect?	19 you were working off of in January 2010?
20 A. Yes, I think so. 01:26	20 A. No. That is not the case. 01:29
21 Q. When was the first time you saw	21 Q. Have they changed over time? Have
22 such a requirements document?	22 there been versions?
23 A. I think I saw that when I first	23 A. Yes. There have been some --
24 participated in the bouncing effect work.	24 there have been -- continued to be some changes,
25 Q. And is it -- is this correct -- I 01:27	25 and concepts have also changed. 01:30
Page 56	Page 57
1 Q. Okay. Do these requirement	1 Q. So how would you know which Winset
2 documents have a title page on them of some kind?	2 document you were looking for?
3 A. Typically, many of them are	3 A. I would think it would suffice to
4 combined, and the name of the title page is	4 look at the Winset document that was created most
5 commonly referred to as Winset. 01:31	5 recently. 01:34
6 Q. And when the -- is the bounce	6 Q. Where does the name "Winset" come
7 effect commonly combined under a single title	7 from? What does that mean?
8 with other effects?	8 A. This is a name that we have been
9 MR. TUNG: Objection. Vague.	9 using internally at the company from before, and
10 THE WITNESS: I would not exactly 01:32	10 by Winset -- when is -- when you call a Winset, 01:35
11 know precisely what's meant by "combined"	11 it means the components that would comprise a
12 here, but it's under the banner, if you	12 screen at the time of creating a program.
13 will, of effect, that it's classified the	13 Q. I'm going to go back to
14 same manner.	14 August/September 2010. As of August of 2010, to
15 Q. Okay. If you went today to just 01:32	15 your knowledge, was Samsung selling any device 01:36
16 pull out whatever the current requirements	16 that had a bounce function?
17 document is, what title would you be looking	17 A. Although I do not have a precise
18 for? What do you think is on the cover of that	18 recollection on this, I think there was or were.
19 document?	19 Q. And can you tell me the name of
20 A. I think I would look for a 01:33	20 that product? 01:37
21 document that has "Winset" written on it.	21 A. Just that I'm not quite certain
22 Q. Anything else? That's a bad	22 whether Galaxy S1 had been released or not, and
23 question. Let me ask. Is there more than one	23 if it had been released, then Galaxy S1 would
24 Winset document?	24 have had the bounce effect. And as for products
25 A. Yes, there are lots. 01:33	25 prior to that time frame, I do not exactly know 01:38

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1 their names.	1 A. I had continued to write software
2 Q. Do you know if Samsung sold a 3 product that had a bounce function -- I'm sorry.	2 before.
4 Do you know whether or not Samsung sold a product 5 that had a bounce effect before the Galaxy S1? 01:38	3 Q. And is it your testimony that in 4 August or September of 2010, you compared the 01:42
6 A. My recollection is that there was 7 or were Android phone that was made prior to 8 Galaxy S1, and my recollection is that I saw 9 bounce effect on that.	5 bounce function on an Apple phone to the bounce 6 function that already existed on a Galaxy S1 7 phone?
10 Q. Okay. Had you written software, 01:39 11 you personally, written software for the bounce 12 effect before August of 2010?	8 A. Yes. I did. 9 Q. If today, you wanted to locate the 10 software that had been loaded on the Galaxy S1 01:42
13 A. By that, did you mean to ask me 14 whether I personally and separately wrote codes?	11 that you tested in August 2010, how would you 12 find that software?
15 Q. I'll ask you a new question. I 01:40 16 want to know whether you had done any work 17 writing bounce software code before August of 18 2010.	13 A. Considering that I have continued 14 to do this work, and also, the location or 15 locations have not varied or changed a great 01:43 16 deal, I believe I could locate it without much 17 difficulty.
19 A. I had continued to engage in that 20 type of work even at that time frame. 01:41	18 Q. And is that because Samsung stores 19 historical versions of software?
21 Q. So the answer is yes, you had 22 written software for bounce before you ever 23 tested the Apple product?	20 A. So right now, I take it that what 01:44 21 you're asking me is as to the software that was 22 used for comparison purpose, that what had gone 23 into Galaxy S1 previously, and am I correct in
24 A. Yes. That's correct.	24 understanding your question that if you were to 25 provide me with that software, where within that 01:45
25 Q. Okay. 01:41	
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1 software I could locate the bounce effect?	1 documents that you identified. Are we on the 2 same page? Do you understand what documents I'm
2 Q. We are halfway there. My question 3 is: If you wanted to find the software that was 4 loaded on the S1 that you compared in August 5 2010, how would you find that software? 01:46	3 talking about? 4 A. Yes, I do.
6 A. I'm not certain of this hundred 7 percent, but I would think that if I looked for 8 in the e-mails, they could possibly be located.	5 Q. Where do they come from? How do 01:50 6 you get them?
9 Q. Is that e-mails that you sent?	7 A. I am handed the documents from UX 8 Team at the company.
10 A. Some I had sent; some I have 01:47 11 received.	9 Q. And what does "UX" stand for? 10 A. User Experience. 01:50
12 Q. As part of the document searches, 13 the three searches that you have done so far, 14 have you ever looked for that software?	11 Q. Today, is there a User Experience 12 Team today?
15 A. Well, that is the software would 01:47 16 be listed as an attached file. So I did not 17 necessarily have to open this thing of old, but 18 my recollection is that that e-mail came up at 19 the time of this search.	13 A. Yes, of course. 14 Q. And is the User Experience Team 15 part of the Advanced Software Development Team? 01:51
20 Q. I'm going to switch subjects on 01:49 21 you for a minute. I want to go back to 22 requirements documents for a minute. And I want 23 to talk specifically about the requirements 24 documents that include the bounce effect. So I 25 think I'm talking about this subset of Winset 01:49	16 I'm sorry. Advanced Development 17 Software Group? 18 A. No. That is not the case. 19 Q. Is the UX Team located at the R-3 20 building? 01:51
	21 A. No. That is not the case. 22 Q. Do you know where the UX Team is 23 located?
	24 A. I do.
	25 Q. And could you tell us, please? 01:51

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1 A. It's located within Samsung town		1 BY MR. McELHINNY:	
2 that's in GANGNAM area of Seoul.		2 Q. Ready?	
3 Q. Is the UX Team part of a larger		3 A. (Witness nods head up and down.)	
4 group?		4 Q. Completely new subject. Do you	
5 A. Yes. Once again, with UX, I don't	01:53	5 remember, as you sit here today, the first time	02:11
6 think it's a team, but I think it's a group.		6 you ever saw an iPad?	
7 Q. Got it.		7 A. It was around summer of 2010, but	
8 MR. TUNG: We have been going		8 I do not have a precise recollection.	
9 about an hour, so when you reach --		9 Q. Do you remember anything about the	
10 MR. MCELHINNY: One question.	01:53	10 circumstances under which the first time you ever	02:12
11 Q. For the bounce effect requirements		11 saw an iPad?	
12 documents, do they come from a team within a		12 A. Yes, I do.	
13 specific team within the UX Group?		13 Q. What do you recall, sir?	
14 A. Yes. That is my understanding.		14 A. At the time my girlfriend's	
15 Q. I'm sorry. One more. What is the	01:53	15 parents had been to the States and came back, and	02:13
16 name of that team?		16 they brought -- they had bought an iPad. They	
17 A. It probably is UX Cluster Group.		17 had bought this but did not know how to use it.	
18 MR. MCELHINNY: Great let's take a		18 So they asked me if I could show them how to use	
19 break.		19 it, and that's when it was shown to me.	
20 THE VIDEOGRAPHER: The time is	01:54	20 Q. I'm smiling only because my son	02:13
21 1:55 p.m. and we are off the record.		21 provides exactly the same services in my family.	
22 (Recess taken from 1:55 p.m. to		22 So that's why.	
23 2:12 p.m.)		23 At the time that you first saw an	
24 THE VIDEOGRAPHER: The time is		24 iPad, had you ever seen any other tablet device?	
25 2:12 p.m., and we are back on the record.	02:11	25 A. A long time ago -- I do not recall	02:13
	Page 64		Page 65
1 when that was -- but there was a tablet device		1 sir?	
2 put out by Compaq, and I had seen that.		2 A. I think I thought that I would	
3 Q. Before you actually saw the actual		3 like to buy it.	
4 physical iPad, had you ever seen pictures of an		4 Q. Did you think it was beautiful?	
5 iPad?	02:14	5 A. Yes. That's correct.	02:17
6 A. Yes, of course.		6 Q. Did you think it was unlike any	
7 Q. Had you ever seen an iPad		7 other tablet device you had ever seen?	
8 demonstrated in a video or a movie?		8 A. I did not think that.	
9 A. Yes.		9 Q. Did you think it was awesome?	
10 Q. So let me ask my first question a	02:15	10 MR. TUNG: Objection. Vague.	02:18
11 little more clearly. Do you remember the first		11 THE WITNESS: Rather than to say	
12 time you ever saw an iPad? And I don't mean		12 that I thought that, it was rather the	
13 necessarily the physical device, but the first		13 case where that word was used by Steve	
14 time you either saw a picture or a movie, the		14 Jobs, and I think I concurred.	
15 first time you ever saw the device?	02:15	15 Q. And the first time, the very first	02:19
16 A. Yes, I do.		16 time you saw it, you wanted to own one, correct?	
17 Q. And when was that?		17 A. Yes. That's correct.	
18 A. Back in March of 2010 when iPad		18 Q. Do you maintain a Twitter account?	
19 was being presented, that was done. The		19 A. Yes, I do.	
20 presentation was given by Steve Jobs, and I saw	02:16	20 Q. And what's the account name of	02:19
21 that online.		21 your Twitter account?	
22 Q. And do you remember what your		22 A. M-O-N-G-D.	
23 reaction was to the iPad when you first saw it?		23 Q. And where does that come from?	
24 A. I have a rough recollection.		24 MR. TUNG: Objection. Vague.	
25 Q. And what is your recollection,	02:17	25 THE WITNESS: My nickname.	02:19

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1 Q. And what is your nickname?	1 A. Yes.
2 A. M-O-N-G-D.	2 Q. And did you post that in English,
3 Q. Is that a Korean word?	3 sir?
4 A. No.	4 A. Yes. That's correct.
5 Q. Is it a form of man-god? 02:20	5 Q. Did you write, "iPad looks 02:22
6 A. No. That is not the case.	6 awesome!""? Exclamation point?
7 Q. Can I have the document we are	7 A. That's correct.
8 going to mark as Exhibit 1231.	8 Q. And did you write, "I want that
9 (Exhibit 1231, Twitter Account	9 device!!!!!! Followed by one, two, three, four,
10 Page, marked for identification.) 02:20	10 five, six, exclamation points? 02:22
11 BY MR. McELHINNY:	11 A. Yes. That's correct.
12 Q. Sir, I've handed you a document	12 Q. I want to go back then to
13 which has been marked as Exhibit 1231. Does this	13 August/September 2010. Okay. So I'm going back
14 appear to you to be a printout of the postings on	14 to when you were doing the comparisons with the
15 your Twitter account? 02:21	15 first three Apple devices. 02:23
16 A. Yes. That's correct.	16 When you wanted to borrow this
17 Q. And sir, if you look at the second	17 device -- let's take the first one. When you
18 posting that's dated January 27, 2010, do you see	18 wanted to borrow the iPhone 3GS, was there any
19 that?	19 paperwork generated as part of that borrowing
20 A. Yes. That's correct. 02:21	20 transaction? 02:24
21 Q. Is that your picture next to the	21 A. No, there wasn't.
22 posting?	22 Q. You didn't send any e-mails to
23 A. Yes, that's correct.	23 this person whose name you can't remember?
24 Q. And am I reading this correctly,	24 A. Correct. I did not.
25 "Watching Apple live event"? 02:22	25 Q. You didn't have to sign anything 02:24
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1 in order to take the product, the Apple product?	1 generated. I just mentioned my name.
2 A. Correct. I did not have to sign	2 Q. Okay. I want to make sure I've
3 on anything, per se; I think it was just that I	3 got it straight. I think you told me that you
4 told that person my name.	4 did the comparisons with the iPhone 3GS for one
5 Q. Did you need anyone's authority 02:25	5 or two days; is that right? 02:28
6 other than your own in order to borrow that	6 A. Yes. I had it for a day or two.
7 product?	7 Q. Did you take any notes while you
8 A. No.	8 were doing this comparison?
9 Q. Your supervisor wasn't involved in	9 A. No, I did not write down any
10 authorizing that in any way? 02:25	10 notes. 02:28
11 A. That's correct. That was not the	11 Q. Were you given this assignment?
12 case.	12 Did somebody tell you to do this comparison?
13 Q. You were not a team leader at that	13 A. It's just that to come up --
14 time, were you?	14 create such an event, well, you would always need
15 A. I was not a team leader. 02:26	15 to compare with competitor products. This is 02:29
16 Q. So is it the situation -- was it	16 just a routine process. So even without any such
17 the situation in August of 2010 that anyone who	17 specific instruction, comparison work would
18 wanted an Apple device could just go and check it	18 proceed.
19 out from this group that had it?	19 Q. My question is a little
20 A. Right. Well, if it's not a case 02:26	20 different. My question is: Did anyone give you 02:30
21 where somebody is currently using it, per se;	21 instruction to do that comparison?
22 then you could make an inquiry and you could	22 A. I was not given a direct
23 borrow it.	23 instruction to make comparison.
24 Q. No paperwork?	24 Q. Did anyone -- did you have any
25 A. A document, per se, was not 02:27	25 discussions with anyone about the fact that you 02:30

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1 were going to do a comparison before you did it?	1 Seung-Yun Lee about this comparison that you were
2 A. Yes, I did.	2 doing?
3 Q. And with whom did you have those 4 discussions?	3 A. I do not recall that exactly.
5 A. I did that with the senior 02:31 6 engineer, Sueng-Yun Lee, who was my supervisor at 7 the time.	4 Q. What was the name of the outside 5 company? 02:34
8 Q. Did you have discussions with any 9 other person about the fact that you were going 10 to do this comparison other than Seung-Yun Lee? 02:31	6 A. NemusTech, NemusTech 7 N-e-m-u-s-T-e-c-h.
11 A. There was this outside company who 12 we worked -- we or I -- worked with at the time. 13 And so I discussed that with people of that 14 company.	8 Q. Where are they located? 9 A. Seoul, Korea.
15 Q. Were the discussions with the 02:32 16 outside company at the same time as with 17 Seung-Yun Lee, or were they separate?	10 Q. Was there a certain person or 02:34 11 people that you were talking to at NemusTech 12 about the comparisons?
18 A. They occurred separately. But 19 right now, as to your phrase "discussion," I 20 don't know if I would go along with that; rather, 02:33 21 that it was more in the vein of letting know that 22 this was going to -- that was going to take 23 place, or let's do that.	13 A. Yes. 14 Q. And who? Can you give me the name 15 or names? 02:35
24 Q. Okay. Fair enough. Did you at 25 any time exchange any e-mail correspondence with 02:33	16 A. I do not recall as to all of 17 them. And I can recall about two names. One was 18 principle engineer Sang-Wookhan, the other was 19 director Seung-Min Lee.
	20 Q. Do you know whether or not 02:36 21 NemusTech is owned in any part by Samsung?
	22 A. As far as I know, there is no 23 relationship in between.
	24 Q. Tell me please, to the best of 25 your recollection, what conversations you had 02:36
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1 with Seung-Yun Lee about the comparisons before 2 you did them.	1 Q. And when you say the "UX team," is 2 that the same team that provides you with the 3 software requirements?
4 A. The feedback came in to the point 5 that the bouncing effect on Android devices of 02:38 6 Samsung were not all that smooth and so 7 comparisons might need to be done with other 8 products. And I think we talked about things 9 such as that.	4 A. There, as well as other places.
10 Q. And how do you know -- how did you 11 learn that a feedback had come back about the 02:39 12 Samsung Android products?	5 Q. When was the first time -- let me 02:42 6 ask a different question. Let me start out with 7 a little foundation here. Are you aware as you 8 sit here today that Apple owns a U.S. patent that 9 refers, relates to, the bounce effect?
13 A. I think I heard that through the 14 senior engineer, Seung-Yun Lee.	10 MR. TUNG: I caution the witness 02:43 11 to omit from your answer my awareness 12 that was obtained through conversations 13 with counsel or legal personnel.
15 Q. Have you ever seen any document 16 that refers to that feedback? 02:40	14 THE WITNESS: No, I am not aware.
17 A. I don't think I saw such a 18 document at that time.	15 Q. Okay. And to make sure. During 02:43 16 the year 2010, you never read any patent, U.S. 17 patent, issued to Apple?
19 Q. Have you ever seen one?	18 A. Correct. No.
20 A. Well, such things as the feedback 21 as to what I had developed, I think I've seen 02:41 22 many of those.	19 Q. Have you ever read any patent, 20 U.S. patent, belonging to any company? 02:44
23 Q. And who provides that feedback to 24 you?	21 MR. TUNG: Again, caution the 22 witness to omit from your answer any 23 patents you read at the direction of 24 counsel.
25 A. Typically such feedback would be provided by the testing team or the UX team. 02:41	25 THE WITNESS: Yes. I have read 02:44

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1 American or U.S. patents.		1 A. No, I did not get that.	
2 Q. Have you read patents that relate 3 to your work on the bounce effect?		2 Q. Did you get any direction from any 3 lawyer about writing software for the bounce	
4 MR. TUNG: I'll give you the same 5 caution, to omit from your answer any 02:45 6 patents that you read at the direction of 7 counsel.		4 effect during the calendar year 2011? Again, yes 5 or no? 02:48 6 MR. TUNG: So again I will	
8 THE WITNESS: No. I have not read 9 those things.		7 instruct you not to answer that 8 question. The subject matter of the	
10 Q. During the year 2010, at any time 02:46 11 when you were writing software for bounce		9 communication or direction as stated in 10 the question. 02:49	
12 effects, have you ever taken any specific steps 13 to be sure that you were not infringing on an 14 Apple patent?		11 Q. During the year 2011, did you do 12 anything as a software engineer at the direct	
15 MR. TUNG: Caution the witness to 02:47 16 omit from his answer any specific steps 17 taken at the direction of counsel.		13 instruction of a lawyer? Yes or no? 14 A. No, that wasn't.	
18 THE WITNESS: No.		15 Q. Let's go back to NemusTech. In 02:50	
19 Q. Again, during the year 2010, in 20 writing software code for the bounce effect, did 02:47		16 May of 2010, what was the nature of the project 17 that you were working on with NemusTech?	
21 you get any direction whatsoever from any 22 lawyer? And all I want to know to that is a 23 yes-or-no answer. I don't want to know what 24 direction you got. I just want to know did you 25 ever get direction during the year 2010? 02:47		18 A. Work related to creating bouncing 19 effect. 20 Q. Were you supervising at NemusTech? 02:51 21 A. I did not supervise them, per se; 22 but rather we proceeded with our work in 23 parallel. 24 Q. And who at Samsung was giving 25 direction to NemusTech, if you know, on your 02:51	
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1 project? I'm sorry.		1 A. Yes. That's correct.	
2 A. My recollection was that that was 3 principle engineer Jeong-Sikseong. A common 4 spelling.		2 Q. And is it a he? Seong, it's a 3 he? Is he in charge of a team today?	
5 Q. Does Seung -- I'm sorry is it 02:53 6 senior engineer --		4 A. Yes. That's correct. 5 Q. And what team is he in charge of 02:54 6 today?	
7 THE INTERPRETER: Principle.		7 A. My understanding is that prior to	
8 Q. Principle engineer in Samsung; is 9 that right, principle engineer?		8 my arrival here, I think he was the team leader 9 for the Advanced UX Team.	
10 A. Yes. 02:53		10 Q. Is the Advanced UX Team the same 02:55	
11 Q. I'm sorry. And within Samsung is 12 the principle engineer higher than or lower than 13 a senior engineer?		11 team as the UX Team that provides the software 12 requirements? 13 A. Well, it is different from that	
14 A. Higher.		14 Advanced UX Team. And as for the name itself, I	
15 Q. And in May of 2010, was Principle 02:53 16 Engineer Seong in charge of a team?		15 think I made an error here. It was not -- it is 02:56 16 not Advanced UX Team; I think it is Advanced UI	
17 A. Yes. That is my recollection.		17 Team.	
18 Q. And what was the name of that 19 team?		18 Q. And is the Advanced UI Team today 19 part of the Advanced Development Software Group?	
20 A. UI Framework. 02:53		20 A. Yes. My understanding is that 02:57	
21 Q. Framework? And UI is "user 22 interface"?		21 it's -- it belongs to the Advanced Development 22 Group 1.	
23 A. Yes. That's correct.		23 Q. So back to the Bounce project.	
24 Q. Is Principle Engineer Seong still 25 working together at Samsung? 02:54		24 What kinds of things was NemusTech doing? 25 A. They assisted in the overall 02:57	

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<p>1 implementation of the bounce effect. 2 Q. Did they write code? 3 A. Yes. They also wrote codes 4 directly. 5 Q. When they wrote code, did they 02:58 6 submit that code to you? 7 A. Some of it was provided to me, 8 some were not. 9 Q. If they provided code to you, was 10 that done by e-mail? 02:58 11 A. Yes. Source code was provided 12 through e-mail. 13 Q. Who else at Samsung received 14 source code from NemusTech concerning the bounce 15 effect, if you know? 02:59 16 A. I would think that some of the 17 people who were on the same team as I at the time 18 would have received such codes, and I do not 19 exactly recall who were at the team at the time, 20 but one I do recall is the senior engineer, 03:00 21 Seung-Yun Lee. 22 Q. What else did NemusTech do on that 23 Bounce project other than write code? 24 A. If you say something else or who 25 else, what could possibly there be? 03:01</p>	<p>1 Q. I don't know the answer to that. 2 That's why I ask the questions. 3 A. Well, the assignment was to 4 develop software, so other than developing soft 5 ware I don't think there was anything additional 03:02 6 that they did separately or specifically. 7 Q. Did NemusTech send you any kind of 8 documents other than source code documents? 9 A. I don't think there were instances 10 of creating documents other than, say, composing 03:03 11 the contents of an e-mail. So creating these 12 documents and sending them to me. 13 Q. Okay. Why did you tell 14 NemusTech that you were going to do a comparison 15 with the Apple iPhone? 03:03 16 A. Considering that we were doing 17 development work together, it was with the view 18 in mind that they also engaged in comparison 19 work, likewise, that I let them know. 20 Q. Do you remember specifically what 03:04 21 you said to them? 22 A. I did not exactly recall that. 23 Q. We are going to change the tape? 24 MR. TUNG: Could I make a 25 statement before we -- I just wanted to 03:05</p>
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<p>1 designate the transcript highly 2 confidential, attorneys eyes only, and 3 reserve the right for the witness to 4 submit errata after we receive the final 5 transcript. 03:05 6 THE VIDEOGRAPHER: This marks the 7 end of Disc Number 2 in the deposition of 8 Woogyun Kho. The time is 3:07 p.m., and 9 we are off the record. 10 (Recess taken from 3:07 p.m. to 03:19 11 3:22 p.m.) 12 THE VIDEOGRAPHER: This marks the 13 beginning of disc number three in the 14 deposition of Woogyun Kho. The time is 15 3:22 p.m., and we are back on the record 03:20 16 Q. Mr. Kho, is it your understanding 17 that people at NemusTech also did comparisons 18 between Samsung products and Apple products? 19 A. Yes. That is my understanding. 20 Q. And was it one of the two 03:21 21 gentlemen that you identified before? 22 MR. TUNG: Objection. Vague. 23 THE WITNESS: No, that was not 24 applicable to one of those two people. 25 Q. Do you know who it was at 03:21</p>	<p>1 NemusTech who did the comparison? 2 A. I know who that was, it's just 3 that I cannot seem to recall the name. 4 Q. Can we go off for a second, 5 please? 03:22 6 THE VIDEOGRAPHER: Time is 7 3:23 p.m., and we are off the record. 8 (Brief recess taken.) 9 THE VIDEOGRAPHER: The time is 10 3:24 p.m., and we are back on the record. 03:23 11 BY MR. McELHINNY: 12 Q. Do you know what Apple products 13 NemusTech used for its comparisons? 14 A. Yes, I do. 15 Q. And what products were those? 03:23 16 A. I know for sure that iPad was 17 used, but I'm not sure about the others. 18 Q. And why do you know for sure that 19 an iPad was used? 20 A. At the time, what I was doing was 03:23 21 to try to prove when the performance of Galaxy 22 Tab. And of course, there are other aspects too, 23 but in terms of the competition, this being a 24 tablet device, iPad was a competitor product, 25 competitive product. And NemusTech also worked 03:25</p>

21 (Pages 78 to 81)

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<p>1 on improvement of performance with iPad in hand, 2 and so my recollection is that the comparison was 3 done with iPad.</p> <p>4 Q. Do you know where NemusTech got 5 the iPad that it used? 03:26</p> <p>6 A. No, I do not.</p> <p>7 Q. Do you know what Samsung tablet 8 device NemusTech used for the comparison?</p> <p>9 A. Yes, I do.</p> <p>10 Q. And which was that? 03:27</p> <p>11 A. Galaxy Tab, the first generation.</p> <p>12 Q. Is that called P1?</p> <p>13 A. Yes. That's correct.</p> <p>14 Q. Do you know, the P1 was not 15 publicly available in May of 2010, correct? 03:27</p> <p>16 A. My recollection is that as of May 17 2010, it was not yet being sold.</p> <p>18 Q. So the P1 that you were working 19 with was a secret at Samsung, correct?</p> <p>20 A. Yes. Yes, that's correct. 03:28</p> <p>21 Q. Where did you get the P1 that you 22 used for your comparisons?</p> <p>23 A. Although I do not recall exactly, 24 I think it was around the summer of 2010.</p> <p>25 Q. I'm sorry. Where did you get it? 03:28</p>	<p>1 Who gave it to you?</p> <p>2 A. It was provided by the company.</p> <p>3 Q. Who at the company provided it to 4 you?</p> <p>5 A. I do not really know that because 03:29 6 these would be made all at once and brought over, 7 so it would be difficult to say who it was that 8 provided.</p> <p>9 Q. But somebody gave it to you, 10 right? 03:29</p> <p>11 A. Yes. That's correct.</p> <p>12 Q. And my question is, do you 13 remember who gave it to you?</p> <p>14 A. Yes, I do.</p> <p>15 Q. Who was that? 03:30</p> <p>16 A. Senior engineer Seung-Yun Lee.</p> <p>17 Q. Do you know who gave NemusTech its 18 P1?</p> <p>19 A. Several were provided, and also 20 not all at once, so I would not know as to all 03:31 21 the circumstances.</p> <p>22 Q. Do you know the name of any -- let 23 me ask that question. Did you ever give 24 NemusTech a P1?</p> <p>25 A. Yes. I had brought over P1 over 03:31</p>
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<p>1 there.</p> <p>2 Q. And did someone tell you to do 3 that, or did you just do that on your own?</p> <p>4 A. NemusTech requested that, and so I 5 obtained it and brought that over. 03:32</p> <p>6 Q. Was there a request in writing?</p> <p>7 A. No, that is not the case.</p> <p>8 Q. Did they sign a receipt for the 9 P1?</p> <p>10 A. Nothing specifically that 03:32 11 NemusTech signed for or issued.</p> <p>12 Q. To your knowledge, is there any 13 paper trail at all that shows that this secret 14 R&D device was given to another company?</p> <p>15 A. When one takes out a sample such 03:33 16 as this out of the company, you would have to 17 have obtained an approval, so there must be some 18 record remaining at the company, but it's not 19 that company NemusTech issued any kind of receipt 20 or anything. 03:34</p> <p>21 Q. Got it. On the Bounce project, in 22 May of 2010 were you personally doing anything 23 other than developing software?</p> <p>24 A. No, I don't think so.</p> <p>25 Q. Why was it helpful to you as a 03:35</p>	<p>1 software developer to actually compare the two 2 physical devices?</p> <p>3 A. At the time people were saying 4 that Apple products were operating smoothly. And 5 not having seen the Apple product, just by 03:37 6 looking at the Samsung product, although one 7 could say that the operations were all that -- 8 clean, full.</p> <p>9 But the operations themselves did 10 not run into much problem, there weren't any 03:38 11 unreasonable aspect of problem with the 12 operations save for, say, it's a little slow or 13 cumbersome in operation.</p> <p>14 This kind of feedback came in so I 15 wanted to find out how -- what kind of operations 03:39 16 were -- how the operations ran on the Apple 17 products. I wanted to see them with my own eyes, 18 I wanted to have them nearby, thereby so that I 19 could for sure see the differences myself. I 20 wanted to have them near me to make comparison. 03:39</p> <p>21 Q. When you did the comparison 22 between the Apple iPhone and the Samsung product, 23 did you draw any conclusions just from what you 24 yourself had seen?</p> <p>25 A. Yes. 03:39</p>

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1 Q. Did you ever report an any of 2 those conclusions in writing?		1 I think that would be more appropriate to say 2 that.	
3 A. I do not really recall.		3 Q. Okay. Tell me what happened at	
4 Q. Did you ever report on your 5 conclusions to your supervisor?	03:40	4 the demonstration that you're talking about.	
6 A. If you're talking about some 7 conclusions, it seems to be referring to some 8 saying captured in writing and reporting thus. 9 And I don't think such type of reporting would -- 10 if any, would have hardly ever occurred. Rather, 11 the bouncing effect itself actually was -- had 12 been changed and a demonstration was given on 13 that, I believe.	03:42	5 A. There are these numbers that would 6 be used in order to display, or implement, or 7 show the bouncing effect. So several were 8 created. And several such sets, if you will, 9 were input into the device and tried to find out 10 which looked better. And of course, at the time 11 of my testing I had a whole lot more number of 12 sets that I was working out of, which I took out 13 -- I took out two or three, and I think I showed 14 those.	03:44 03:46
14 Q. When you say, "The bouncing effect 15 had been changed," do you mean the bouncing 16 effect in the Samsung device had been changed?	03:42	15 THE INTERPRETER: Okay. Good 16 point. So going back to what put into 17 the device could be -- could -- may very 18 well be, were put into several devices.	03:46
17 A. Well, what had happened was the 18 bouncing effect that went into Samsung's 19 products, they were revised, and when you say 20 change, it seems like a wholesale change, and 21 it's not that case at all, wholesale change or 22 wholesale revision.	03:43	19 Q. I'm trying to see if I understand 20 it, so correct me if I'm wrong. After you 21 compared the Samsung device with the Apple 22 device, you input different instruction sets into 23 the Samsung device to see how they would change 24 the bounce effect. Am I right about that?	03:47
23 Rather, as part of the improvement 24 of the performance. Or let's say, I can put it 25 this way, some sort of slight tuning operation.	03:44	25 A. No. Rather, the comparison was	03:47
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1 done at the end of the work to improve the 2 performance. And in terms of the work involved 3 in improvement of the performance, there would be 4 several numbers that would be involved vis-a-vis 5 the comparison with Apple device.	03:49	1 manipulate the speed. 2 Q. Did the numbers control anything 3 other than speed? 4 A. Such things as the time or the 5 duration where the bouncing effect is maintained, 6 and also for this bouncing effect, the function 7 would be used. And by changing the numbers that 8 go into such functions, that would not 9 necessarily change -- that would not change the 10 duration in which the effect is maintained, nor 11 the numbers.	03:54 03:55
6 And on the other hand, when you 7 say instruction set, typically when you say 8 instruction set, it commonly refers to the 9 changing of the source code itself at the time of 10 the software development.	03:50	12 Well, how should I put it? I 13 think it's most appropriate to say that the shape 14 of the function would be changed. Or rather, the 15 pattern of the function would be changed.	03:55
11 So this was not the case at all, 12 where the source code itself was changed. 13 Rather, the numbers in it were changed a little, 14 and the comparison was being made as compared to 15 Apple device whether our device would look 16 smoother.	03:51	16 THE INTERPRETER: Correction that 17 would not change the duration. That 18 would not change the duration in which 19 the effect is maintained, nor the speed.	
17 Q. So there were numbers in the 18 software for the Samsung device; is that correct?		20 Q. Mr. Kho, can you tell me 21 mechanically what you do to change the number in 22 the software? How do you do that? What steps do 23 you take?	03:56
19 A. Yes. That's correct.		24 A. There are numbers that go into a 25 source code and you would change the values of	03:57
20 Q. And you were able to adjust those 21 numbers. And by adjusting the numbers, change 22 the effect; is that right? 23 A. It's not the changing of the 24 effect itself; I think it would be more 25 appropriate to say that one could adjust or	03:52		

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<p>1 such numbers, and then compilation is done. And 2 after that binary would be created, and such 3 binary would be put into a device and it is run.</p>	<p>1 remember what changes you made to various numbers 2 in order to fine tune the effect on the Samsung 3 machine?</p>
<p>4 Q. Can you do the inputting phase on 5 your computer? 03:58</p>	<p>4 A. It's not that this process of 5 improving on the performance occurred just once. 04:02</p>
<p>6 A. Of the process that I just 7 described, such things as the making corrections 8 or revisions in the source code, or compilation, 9 or the generation of the binary, this would all 10 be carried out on computer. And after that, that 03:58 11 would be moved over to the device and then it is 12 run.</p>	<p>6 I think that was the very first time when it was 7 begun, and it continued thereafter as well. And 8 as far as what was changed at that very first 9 time, I cannot recall exactly as to all of them. 10 Q. Can you tell me what happened at 04:02 11 the demonstration? Who demonstrated what to 12 whom?</p>
<p>13 Q. When you make these changes to 14 source code and compile it, does your computer 15 keep a record of what you have done? 03:59</p>	<p>13 A. My recollection is that I probably 14 demonstrated two senior engineer Seung-Yun Lee 15 and also the principle engineer Jeong-Sik Seong. 04:04 16 And I think I was showing the devices where these 17 tuned up numbers were applied and how the changes 18 occurred like thus.</p>
<p>16 A. No, that is not the case. 17 Q. Did you ever create a paper record 18 of the changes that you made to the numbers in 19 the summer of 2010?</p>	<p>19 Q. At this demonstration, did you 20 have an Apple device there? 04:04 21 A. My recollection is that it was 22 there. I had it.</p>
<p>20 A. No, that never happened as far as 04:00 21 this correction or revision work. I think I told 22 you that occurred in August or September, but 23 rather than phrase it as summer, I would rather 24 say it would be either late summer or fall.</p>	<p>23 Q. Sorry. I'm sorry. And what Apple 24 device was there? 25 A. At the time of the demonstration, 04:05</p>
<p>25 Q. As you sit here today, do you 04:00</p>	
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<p>1 I think only the iPad was there.</p>	<p>1 that you can -- how do you change the</p>
<p>2 Q. And what Samsung devices were 3 there?</p>	<p>2 demonstration so that you can demonstrate a 3 different option?</p>
<p>4 A. I think only the Galaxy Tab first 5 generation were there. 04:05</p>	<p>4 A. When I was sitting by myself and 5 doing the testing to look for an appropriate 04:09 6 value, well, there would be a great differences, 7 discrepancies between the values. And so one at 8 a time would be input to do the testing.</p>
<p>6 Q. Do you remember when this 7 demonstration occurred? 8 A. Considering that it occurred 9 almost at the end of the work or improvement of 10 performance, and which was run for the first 04:06 11 time, it probably was once again August or 12 September of 2010.</p>	<p>9 So if during that process one is 10 able to come up with a value that's suitable, 04:10 11 then I would try out some numbers in the 12 vicinity, several. And with those numbers in 13 hand, I would create a testing program that one 14 would be able to select vis-a-vis software, and 15 that was input into the device. 04:11</p>
<p>13 Q. How many Galaxy tab -- it was the 14 P1, correct? I'm sorry.</p>	<p>16 Q. Does the testing program that you 17 used for the demonstration still exist anywhere?</p>
<p>15 A. That's correct. 04:06</p>	<p>18 A. It would not exist in that form of 19 the title. There have been continuous upgrades.</p>
<p>16 Q. And how many P1s did you 17 demonstrate? 18 A. I think at the time I brought only 19 one for demonstration.</p>	<p>20 Q. Upgrades to the testing program? 04:11 21 A. It may not be precise to call that 22 a testing program, rather it is a program for 23 demonstration purposes that shows all the work 24 that is carried out by the team that I'm in 25 charge of. And as the scope of work continued to 04:13</p>
<p>20 Q. And did you demonstrate more than 04:07 21 one way of fine tuning the Samsung device?</p>	
<p>22 A. Yes, that is correct.</p>	
<p>23 Q. Again, mechanically, step by step, 24 if you're holding the device and you demonstrate 25 one option, how do you change the software so 04:07</p>	

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1 increase for my team, there has been continuous	1 A. No. At the time the object of the
2 upgrades to the program.	2 demonstration comparison was Galaxy Tab, and if
3 Q. Does that demonstration program --	3 you were to talk about the competitive models,
4 upgraded demonstration program exist today?	4 there was only the iPad. And so it was --
5 A. Yes, of course. I have that. 04:13	5 comparison was done only with that. 04:16
6 Q. Does it have a name?	6 Q. How was that demonstration meeting
7 A. Yes, there is.	7 set up?
8 Q. And what is the name of that	8 A. It's not that a specific meeting
9 program?	9 was set up, per se, but rather it was the case
10 A. Touchwiz effect. 04:13	10 where I, along with senior engineer, Seung-Yun 04:17
11 Q. What was the result of the	11 Lee, went to where principle engineer Jeong-Sik
12 demonstration that you gave to your superiors?	12 Seong was and showed him the result.
13 A. When you say, "The result of the	13 Q. Don't you have to make an
14 demonstration," you could say the result of the	14 appointment to go see the principle engineer?
15 demonstration was to select the most suitable one 04:14	15 A. No, there is no need. 04:18
16 among them.	16 Q. In August and September of 2010
17 Q. And when that selection was made,	17 when you were doing these comparisons, you
18 what was the next step then?	18 mentioned, I believe, that you also compared
19 A. The values that were chosen thus	19 products from other competitors; is that right?
20 would be directly applied to the cellular phone 04:15	20 A. Yes. That's correct. 04:18
21 and/or tablet devices.	21 Q. And what other, during this time
22 Q. At the demonstration where you had	22 period, what other products did you compare to
23 the iPad device and the P1 device, did you	23 the P1 device?
24 demonstrate any other devices at that	24 I'm sorry. That question is not
25 demonstration? 04:15	25 going to help. What other products did you use 04:19
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1 to compare bounce effect with?	1 (Recess taken from 4:23 p.m.
2 A. At the time there was one cellular	2 To 4:45 p.m.)
3 phone put out by HTC, I recall, but I cannot	3 THE VIDEOGRAPHER: the time is
4 recall the name of it.	4 4:45 p.m., and we are back on the
5 Q. And did you borrow a physical copy 04:19	5 record. 04:43
6 of the HTC phone in this August/September time	6 BY MR. McELHINNY:
7 frame?	7 Q. Mr. Kho, again, dealing with this
8 A. My recollection is that I	8 time period of August to September of 2010. How
9 borrowed.	9 many members of the Effects team were working on
10 Q. And did you borrow it from the 04:20	10 this Bounce Project at that time? 04:43
11 same person that you borrowed the Apple from?	11 A. At the time, there was no team
12 A. Yes. That was borrowed from the	12 called an "effect team" at the time. And if I
13 same person.	13 were to tell you as to the number who worked on
14 Q. To your knowledge, did NemusTech	14 that, and if you were to exclude the manager who
15 ever report to anyone at Samsung the conclusions 04:20	15 was senior engineer, Seung-Yun Lee, it would be 04:45
16 of the comparisons that they did?	16 just myself.
17 A. No. The comparison results were	17 Q. What was the name of the team at
18 never reported.	18 the time?
19 MR. TUNG: We have been going	19 A. View System.
20 another hour. Whenever you get to a 04:21	20 Q. When did the name change? 04:46
21 convenient point.	21 A. Well, it's not that the name
22 MR. MCELHINNY: Time flies. Let's	22 changed, per se. I think I spoke in error. The
23 take a break.	23 smallest organizational unit, the smallest team
24 THE VIDEOGRAPHER: The time is	24 that I belonged to was Winset. Thereafter, the
25 4:23 p.m., and we are off the record. 04:21	25 team became larger, which was later divided, and 04:47

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<p>1 one of those was an effect team.</p> <p>2 Q. I think you may have confused me</p> <p>3 now. In August of 2010, what was the name of the</p> <p>4 smallest team that you were on?</p> <p>5 A. Winset team. 04:47</p> <p>6 Q. And the Winset team was part of a</p> <p>7 much larger organization that was called the</p> <p>8 Android Group, correct?</p> <p>9 A. Yes. Winset was also a part of GA</p> <p>10 Group, which means a Google Android Group. 04:48</p> <p>11 Q. And was there more than one Winset</p> <p>12 team in the Google Android Group?</p> <p>13 A. No. There was just one Winset</p> <p>14 team.</p> <p>15 Q. And in May of 2010, how many 04:49</p> <p>16 people were on the Winset team?</p> <p>17 A. There continued to be turnover in</p> <p>18 people, so I do not know the exact number, but I</p> <p>19 think there were about ten.</p> <p>20 Q. In May of 2010, who was in charge 04:50</p> <p>21 of that team?</p> <p>22 A. Senior engineer, Seung-Yun Lee.</p> <p>23 Q. And today, you are the head of the</p> <p>24 2-D Visual Effect team, correct?</p> <p>25 A. Yes. That's correct. 04:51</p>	<p>1 Q. Between March of 2010 and today,</p> <p>2 have you been on any other team other than the</p> <p>3 Winset team and the 2-D Visual Effect?</p> <p>4 A. No, I have not.</p> <p>5 Q. In August and September 2010, was 04:51</p> <p>6 NemusTech working with the Winset team on any</p> <p>7 project other than the Bounce Project?</p> <p>8 A. At the time, except for the bounce</p> <p>9 effect, I don't know if I would call this working</p> <p>10 together, working with. But at the time, 04:53</p> <p>11 NemusTech had created a library for a solution,</p> <p>12 provided that to us.</p> <p>13 Q. Did you ever have a discussion</p> <p>14 with anyone at NemusTech about the comparison</p> <p>15 that they did between Apple and the P1? 04:53</p> <p>16 A. I never had any discussion, per</p> <p>17 se, with them, but I think it was to the extent</p> <p>18 about the look where the status is shown is about</p> <p>19 at that extent, at this level.</p> <p>20 Q. Was NemusTech involved in changing 04:55</p> <p>21 the numbers for the -- in the software for the</p> <p>22 demonstration?</p> <p>23 A. Yes, they did.</p> <p>24 Q. And who was it that assisted you</p> <p>25 on that project? 04:55</p>
<p>Page 100</p> <p>1 A. Earlier, I talked about three</p> <p>2 people at NemusTech, of which I knew the names of</p> <p>3 two and I did not know the name of the other</p> <p>4 one. And it is that very person, so I do not</p> <p>5 know the name. 04:56</p> <p>6 Q. Okay. Some place in your e-mail</p> <p>7 file, you will have an e-mail from that person</p> <p>8 with his name on it, correct?</p> <p>9 A. Yes, of course it should be there.</p> <p>10 Q. Because you have been such a 04:56</p> <p>11 patient witness, we are going to give you a</p> <p>12 reward right now, and I'm going to show you a</p> <p>13 short movie.</p> <p>14 MR. TUNG: Are you going to</p> <p>15 introduce this as a CD exhibit? 04:57</p> <p>16 MR. McELHINNY: What I'm going to</p> <p>17 do right now is I'm going to identify it</p> <p>18 by Bates number. If you want more than</p> <p>19 that, if you want it physically attached</p> <p>20 as an exhibit, then what we will do is 04:57</p> <p>21 after the deposition, put it on a disk</p> <p>22 and include it with the exhibits.</p> <p>23 After talking about the</p> <p>24 options, I sort of came to the conclusion</p> <p>25 that the Bates number would be good 04:57</p>	<p>Page 101</p> <p>1 enough for me, but I'll do whatever you</p> <p>2 want to do. It was a Samsung production.</p> <p>3 MR. TUNG: Okay. I think my</p> <p>4 preference is to have an exhibit on a CD</p> <p>5 because it's cleaner. 04:58</p> <p>6 MR. McELHINNY: What we'll do is</p> <p>7 show you now, I'll identify it by its</p> <p>8 Bates number. After the deposition, we</p> <p>9 will put it on a disk and give it to the</p> <p>10 court reporter. 04:58</p> <p>11 MR. TUNG: That will be fine.</p> <p>12 (Exhibit 1232, CD, marked for</p> <p>13 identification.)</p> <p>14 BY MR. McELHINNY:</p> <p>15 Q. Mr. Kho, before I show you, I'm 04:59</p> <p>16 going to ask you a very difficult question. Do</p> <p>17 you know where the play button is on that</p> <p>18 computer?</p> <p>19 A. Yes.</p> <p>20 Q. Okay. I could have Mr. Chung come 04:59</p> <p>21 over and do it, but the video will stay clearer</p> <p>22 if I don't have him come into the picture.</p> <p>23 MR. TUNG: That's fine.</p> <p>24 MR. McELHINNY: Okay. Just a</p> <p>25 minute. 04:59</p>

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<p>1 Q. Mr. Kho, we are about to show you 2 a video file that was produced to us by Samsung. 3 For identification, it was produced to us with a 4 Bates number, and that Bates number is all 5 capital letters S-A-M-N-D-C-A, and the number 05:00 6 00201281. 7 It runs for about 30 seconds. 8 It's on a loop, so it may keep running. But it's 9 on a loop, so it runs for about 30 seconds. I'm 10 going to ask you to play it and look at it, and 05:00 11 then I'm going to ask you if you've ever seen it 12 before. Please go ahead. 13 A. I have not seen this. 14 Q. Okay. And to be clear, you were 15 not involved personally in any way in making this 05:01 16 video clip? 17 A. As far as I recall, I have never 18 made something like this. 19 Q. Okay. Can you tell by looking at 20 the video what is the Samsung device that's in 05:02 21 that video? 22 A. Yes, I do. 23 Q. And what is it? 24 A. P1. 25 Q. May be the last question -- and 05:02</p>	<p>1 you may want to look at the video again, and you 2 can. In the video itself, do you see any 3 demonstration of what you would call a bounce 4 effect in the P1? 5 A. No, it's not shown. 05:02 6 Q. One last question. Do you 7 recognize the Apple device in that video? 8 A. It's too dark, and so I'm not able 9 to precisely distinguish. Although I'm certain 10 that it is an iPad, I'm not sure whether it's an 05:03 11 iPad 1 or 2. 12 Q. Fair enough. I want to clarify 13 something you said this morning. Is it true that 14 the P1 that you were comparing in August and 15 September had a bounce effect before you looked 05:04 16 at the Apple products? 17 A. Yes, of course. 18 Q. And just to be clear, the feedback 19 that you had heard was that the bounce effect was 20 too slow? 05:04 21 A. Well, there was that aspect of 22 being slow as well, but there was some bug from 23 UI perspective. 24 Q. What was the bug from the user 25 interface perspective? 05:05</p>
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<p>1 A. Well, that is shown in this video, 2 as well if you want to look at the iPad, you 3 could hold the list and pull it down and it would 4 come down, but the case was that if you kept it 5 -- if you kept doing that, repeating and quickly, 05:06 6 in such a case, the list would either disappear, 7 or in some instances, the residual image would 8 remain on the screen. 9 Q. And was that bug in the Apple 10 system or in the Samsung system? 05:07 11 A. Well, if it had been on Apple 12 device, I would not have gotten such a feedback. 13 Of course, naturally, it would have been on 14 Samsung product that I got the feedback on. 15 Q. You testified this morning that 05:07 16 sometime after August and September of 2010, you 17 actually did another comparison, and this time 18 with an iPad 2, correct? 19 A. Yes, I have compared iPad 2 with 20 Samsung device. 05:08 21 Q. And I think, if my notes are 22 correct, you testified that you did that in April 23 or May of 2011, correct? 24 A. Right. My recollection is that it 25 was roughly that time frame. 05:09</p>	<p>1 Q. And again, if my notes are 2 correct, you got the iPad 2 from senior engineer 3 Kim, correct? 4 A. Yes. That's what I recall. 5 Q. Okay. And since the names are -- 05:09 6 what team were you on in April or May of 2011? 7 A. The Effect. 8 Q. And you were the head of that 9 team, correct? 10 A. No. I was not the head of the 05:10 11 team at the time. 12 Q. Okay. And can you tell me, to the 13 best of your recollection what, if anything, 14 senior engineer Kim said to you when he gave you 15 the iPad 2? 05:10 16 A. He asked me, considering that the 17 operations on iPad 2 were very fast, and he asked 18 me whether it would not be possible for our 19 device to be able to be run at that fast a speed. 20 Q. If we focused just on the bounce 05:11 21 effect, to your observation, was the bounce 22 effect in the iPad 2 different than the bounce 23 effect in the iPad 1? 24 A. Bounce effects were not different 25 in between iPad 1 and iPad 2. 05:12</p>

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<p>1 Q. When you did the comparison in 2 April and May 2011, what Samsung product or 3 products did you compare the iPad 2 to?</p>	<p>1 intermittently, a little bit at a time, which 2 lasted a month or two. But it kept what -- it 3 was kept up continuously.</p>
<p>4 A. They were of a Galaxy Tab series, 5 and the comparisons were made of the models and 05:13 6 the lines of 10.0 inches and 8.9 inches.</p>	<p>4 Q. How long does it take to compare 5 the bounce function in the iPad 2 with a Samsung 05:16 6 product?</p>
<p>7 Q. At the time that you did the 8 comparisons, were the Samsung devices still in 9 research and development phases?</p>	<p>7 A. I don't exactly know how long it 8 will take because I've never compared the bounce 9 effect with an iPad 2.</p>
<p>10 A. Yes, that's what I recall. 05:14</p>	<p>10 Q. When you were doing the 05:17</p>
<p>11 Q. And do you remember what their P 12 numbers were? That's a terrible question. Did 13 they have P numbers, the devices that you used?</p>	<p>11 comparisons in May, April and May, what were you 12 comparing?</p>
<p>14 A. And by "P number," you're 15 referring to something such as P1, et cetera? 05:14</p>	<p>13 A. Well, in the case of an iPad, if 14 you hold it and if you turn it around, the screen 15 would turn as well. And in the case of the iPad, 05:18 16 the time it takes for that to take place is quite</p>
<p>16 Q. Yes, or any other research name 17 that was used for that product.</p>	<p>17 short, but in case of Galaxy Tab, that delay in 18 between was somewhat longer. So that was 19 compared.</p>
<p>18 A. P5 and P7, they are too numerous, 19 and I'm not able to quite match them up, but at 20 the time, they all matched up. 05:15</p>	<p>20 Q. At Samsung or on your team, did 05:18 21 you have a name for effect where the picture 22 changes when the aspect of the tablet is changed?</p>
<p>21 Q. Okay. How much time did you spend 22 doing this comparison between the iPad 2 and the 23 two Samsung products?</p>	<p>23 A. Yes, we did.</p>
<p>24 A. That work was not done in a 25 continuous fashion; rather, it was done 05:16</p>	<p>24 Q. And what did you call that? 25 A. That was called screen rotation 05:19</p>
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<p>1 effect.</p>	<p>1 of tuning in mind that I continued to do</p>
<p>2 Q. Other than the bounce effect and 3 the screen rotation effect, have you ever 4 compared an iPad to any Samsung tablet for any 5 other kind of effect? 05:20</p>	<p>2 the comparisons. But the end result is 3 that I did not do or accomplish any 4 tuning. 5 Q. Have you personally ever written 05:23 6 any software code that deals with the screen 7 rotation function?</p>
<p>6 A. No, I have not.</p>	<p>8 A. No. I have never written software 9 that deals with screen rotation effect.</p>
<p>7 Q. Whatever happened to the iPad 2 8 that you were using in April and May 2011?</p>	<p>10 Q. Going back to August and September 05:24 11 2010, okay? When you were working on the bounce 12 effect, were you working on a particular 13 application within the Samsung software?</p>
<p>9 A. I would think that this would 10 still remain at the company. 05:21</p>	<p>14 A. No, that was not the case.</p>
<p>11 Q. Is it still at your workstation?</p>	<p>15 Q. Are you familiar with an 05:25 16 application on Samsung devices called the 17 "contacts application"?</p>
<p>12 A. No, that is not the case.</p>	<p>18 A. I do know that application, but I 19 wouldn't say I'm familiar with it.</p>
<p>13 Q. What did you do with it? 14 A. Well, at the time, it was senior 15 engineer In-Ho Kim who is it. So when I was 05:21 16 making comparisons, I would briefly borrow to 17 make comparisons, and subsequent to such 18 comparisons, I would return that to him.</p>	<p>20 Q. Was the bounce effect that you 05:25 21 were working on, was that incorporated in the 22 contacts application?</p>
<p>19 Q. In April and May of 2011 when you 20 were making these comparisons, were you also fine 05:22 21 tuning the software for the Samsung 10.0 and 8.9?</p>	<p>23 A. Rather than to say that it was 24 incorporated, I think it would be more correct to 25 say that what I created was used by the contacts 05:26</p>
<p>22 MR. TUNG: You mean Samsung Galaxy 23 Tab?</p>	
<p>24 MR. McELHINNY: Yes, please.</p>	
<p>25 THE WITNESS: It was the purpose 05:23</p>	

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<p>1 And if you want me to go by that 2 definition, in case of the gallery application, 3 my understanding is that there is no of that 4 aspect of the list reaching or having reached the 5 end in terms of the several items being in one 05:49 6 screen.</p> <p>7 Q. Thank you. After you write 8 software that you're satisfied with, to whom do 9 you submit it?</p> <p>10 A. The software is not submitted to 05:49 11 any specific individual.</p> <p>12 Q. Does anyone check your work?</p> <p>13 A. That question has to do with the 14 current time frame?</p> <p>15 Q. Let's go back to where we were. 05:50 16 Let's say in August and September 2010.</p> <p>17 A. As I was telling you earlier, the 18 result would be shown in the way of some 19 demonstration, but source code itself would be -- 20 but the source code itself would not be reviewed, 05:51 21 per se.</p> <p>22 Q. Okay. So let's take again the 23 August-September fine tuning that you did. 24 Okay? Did you at that time complete a version of 25 the bounce effect software? 05:52</p>	<p>1 A. Well, it's not that it was 2 specified thus like in terms of versions, per se; 3 rather, the revisions or the improvement on 4 performance continued to be kept up, and at that 5 time, there was this period of about one week 05:53 6 duration where concentrated work was carried out.</p> <p>7 Q. And at the end of that week, was 8 there a particular revision that was completed?</p> <p>9 A. Yes, there was.</p> <p>10 Q. And did that revision have a name 05:53 11 or a number?</p> <p>12 A. Well, that is -- this work was 13 done at the same time along with NemusTech, and 14 whatever was accomplished at NemusTech would have 15 a number to it, but what was done on at Samsung 05:54 16 would not have a number.</p> <p>17 Q. How does the revision, the 18 finalized revision, get from NemusTech to 19 Samsung?</p> <p>20 A. That is conveyed through e-mail in 05:54 21 the form of a library.</p> <p>22 Q. And how does the revision that 23 you've finished get made available to other 24 programmers at Samsung so that they can use it?</p> <p>25 A. There is a central server that 05:55</p>
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<p>1 maintains the -- all the platform source, and 2 that's where it is uploaded to.</p> <p>3 Q. And when it is uploaded to the 4 central server, does it have a individual 5 identification name or number to it? 05:56 6</p> <p>7 A. Yes, there is.</p> <p>8 Q. And what does that name or number 9 look like?</p> <p>10 A. Well, it's comprised of numbers, 11 either six numbers or seven numbers. 05:57 12</p> <p>13 Q. And are there numbers that are 14 specific to bounce effect software?</p> <p>15 A. No, there are no such things.</p> <p>16 Q. If you're looking in the library 17 and you want to find the bounce effect software, 05:57 18 how do you identify?</p> <p>19 A. So when you say "library" here, 20 are you referring to software library?</p> <p>21 Q. I am, yes.</p> <p>22 A. Well, library is comprised in 05:58 23 terms of the binary. So basically, it would be 24 impossible to look therein.</p> <p>25 Q. How do other developers at Samsung learn that there is a new revision to the bounce effect software? 05:59</p>	<p>1 A. Typically, they would not, no.</p> <p>2 Q. How did the people that are 3 writing the contacts application know which 4 bounce effect code to use in that application?</p> <p>5 A. There is no need for them to 05:59 6 determine which one to use; it suffices to always 7 use the latest version.</p> <p>8 Q. Okay. Does Samsung have a source 9 code repository?</p> <p>10 A. Yes. There is a source code 06:00 11 repository.</p> <p>12 Q. And would that include copies of 13 all the various historical revisions?</p> <p>14 A. My understanding is that to a 15 degree, they are maintained. 06:01 16</p> <p>17 Q. And does Samsung have a central 18 source code control system?</p> <p>19 A. When you say a "source code 20 control system," what are you referring to?</p> <p>21 Q. A method of tracking all these 06:01 22 revisions, and whether or not they exist and 23 where they would be?</p> <p>24 A. Yes, it does.</p> <p>25 Q. And do you have access to that?</p> <p>A. Not as to the entirety, but I have 06:02</p>

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Page 118	Page 119
1 -- I'm able to access -- to access those portions 2 that I have authority for.	1 not be able to specifically point out what would 2 comprise number two.
3 Q. And what portions do you have 4 authority for?	3 Q. Does the phrase "list view," are 4 you familiar with list view?
5 A. I have the authority to access the 06:02 6 store places or repositories that would be 7 applicable to the project that I participate in.	5 A. Yes. 06:06 6 Q. And what does "list view" refer to 7 as you use it?
8 Q. And what are the names of those 9 repositories?	8 A. This is one of the widgets 9 provided by Android framework.
10 A. It's not that there is a separate 06:03 11 name given to such repository; they are 12 distinguished by numbers.	10 Q. And what does it do? 06:07 11 A. There is something called an 12 adapter that is connected to list view. So data 13 would be obtained from there, that is the 14 adapter. And so this would carry out the role of 15 showing the list on the screen of thereby. 06:08
13 Q. Have you, in the time that you've 14 been at Samsung, have you written software code 15 for effects other than the bounce effect? 06:04	16 Q. Are you familiar with something at 17 Samsung called "the glow effect"?
16 A. Yes, I have.	18 A. My understanding is that there is 19 no such effect that is called glow effect.
17 Q. Is there any particular effect 18 that you've spent more time on than you've spent 19 on the bounce effect?	20 Q. Okay. Do you know whether or not 06:09 21 in some Samsung projects, the bounce effect has 22 been replaced by an effect that looks like a blue 23 light?
20 A. No. This is the bounce effect 06:05 21 that I've spent the most time on.	24 A. Yes, I know that.
22 Q. What would be second?	25 Q. Right. What do you call the 06:10
23 A. If you were to exclude the bounce 24 effect, the rest would comprise of various minor 25 things such that it's not -- such that I would 06:06	
Page 120	Page 121
1 effect that has replaced the bounce effect in 2 some products?	1 A. No. In August and September of 2 2010, I was not doing any work on edge glow 3 effect.
3 A. Sometimes it's called "edge glow," 4 but internally, it continues to be called "bounce 5 effect." 06:10	4 Q. So did the work on the edge glow 5 effect start after September of 2010? 06:14
6 Q. Have you personally been involved 7 in writing software for the edge glow effect?	6 A. That was subsequent to September 7 of 2010.
8 A. Yes, I have participated in that.	8 Q. When you started working on the 9 edge glow effect, was that written to a 10 requirements document? 06:15
9 Q. Has the Effect team -- is the edge 10 glow -- start again. 06:11	11 A. No, that was not the case.
11 Is the edge glow effect a project 12 of the Effect team?	12 Q. How did the edge glow effect 13 project begin?
13 A. Yes. It was one of the projects 14 of the Effect team.	14 A. Edge glow was -- effect was 15 contained in the Android Gingerbread native 06:16 16 code. And at that time, there was a disclosure 17 of Gingerbread native code. So at that juncture, 18 I got to see the edge glow code. So that's how 19 the review work was begun.
15 Q. When did your team start working 06:11 16 on the edge glow effect software?	20 Q. Are you familiar with something 06:17 21 called the R&D Management Group?
17 A. Although I do not recall this 18 exactly, this was prior to Nexus being sold.	22 A. I know that such a group exists, 23 but I'm not familiar with it.
19 Q. Can you narrow that down to a year 20 for me? 06:13	24 Q. Do you know the names of any 25 people who are on it? 06:18
21 A. It probably was 2010.	
22 Q. We have talked a lot about 2010. 23 We talked about the comparisons that you did in 24 August and September 2010. Were you also working 25 on the edge glow effect at that time? 06:13	

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	Page 122		Page 123
1	A. No, I do not.	1	Q. And at the top there, there's a
2	Q. Do you know what it does?	2	paragraph that has a bunch of names. Do you see
3	A. I do not exactly know.	3	that?
4	Q. Do you know who the boss of it is	4	A. Yes.
5	today? 06:18	5	Q. I'm going to go one by one, and 06:23
6	A. No, I do not.	6	I'm going ask you if you know those people. So
7	Q. Have you heard of an organization	7	that's what I want to do at this point.
8	called the Office of Development?	8	The first person is a person by
9	A. No. When you say "Office of	9	the name of Jin Soo Kim. Do you know Jin Soo
10	Development," that seems rather ambiguous. 06:19	10	Kim? 06:23
11	Q. Okay.	11	A. I do not.
12	(Exhibit 1233, Samsung's Responses	12	Q. Okay. Do you know Yeo Jung Min?
13	and Objections to Apple's Interrogatories	13	A. I do not.
14	to Defendants Relating to Apple's Motion	14	Q. Do you know Min Hyouk Lee?
15	for a Preliminary Injunction Number 1. 06:20	15	A. No, I do not. 06:23
16	was marked for identification.)	16	Q. Do you know Gi Young Lee?
17	BY MR. McELHINNY:	17	A. I do not.
18	Q. Mr. Kho, I've marked as Exhibit	18	Q. Do you know Bang Yongseok?
19	1233 a document that is entitled "Samsung's	19	A. No, I do not.
20	Responses and Objections to Apple's 06:21	20	Q. Do you know Kim Bo-Ra? 06:24
21	Interrogatories to Defendants Relating to Apple's	21	A. No, I do not.
22	Motion for a Preliminary Injunction Number 1."	22	Q. Do you know Lee Yun Jung?
23	Sir, I'm going to ask you to turn	23	A. No, I do not.
24	to Page 5 of this document.	24	Q. Do you know Nam Kihyung?
25	A. (Witness complies.) 06:22	25	A. I do not. 06:24
Page 124		Page 125	
1	Q. Do you know Dooju Byun?	1	to something called the Behold3. Do you see
2	A. No, I do not.	2	that?
3	Q. Do you know Jaeg Wan Shin?	3	A. Yes.
4	A. No I do not.	4	Q. And can you tell me what the
5	Q. Do you know Qi Ling? 06:24	5	Behold3 was? 06:27
6	A. No, I do not.	6	A. I know of it only to the extent
7	Q. Do you know Jeeyeun Wang?	7	that this was an Android device that Samsung
8	A. No, I do not.	8	made.
9	Q. That's very effective. Thank	9	Q. This document on the front bears
10	you. 06:24	10	the title of the SW, which I assume is Software 06:28
11	(Exhibit 1234, Behold3 Document,	11	Verification Group. Do you see that?
12	Bates stamped SAMNDCA0058318	12	A. Yes, I do.
13	through SAMNDCA00508408 marked for	13	Q. And in May of 2010, were you aware
14	identification.)	14	of something called the Software Verification
15	BY MR. McELHINNY: 06:26	15	Group? 06:28
16	Q. Sir, I've had marked a large	16	A. Yes, I was.
17	document. It's been marked as 1234. The first	17	Q. Was the Software Verification
18	page of it has the Bates number Sam NDCA	18	Group part of the Google Android Group?
19	00508318, and it runs through 00508411.	19	A. No that was not the case.
20	You're welcome to look at as much 06:27	20	Q. Was it located in R3? 06:29
21	of that as you like. I'm going to ask you about	21	A. My understanding is otherwise.
22	specific pages. Are you ready for me to ask you	22	Q. Do you know where it was located
23	a question?	23	in May of 2010?
24	A. Yes.	24	A. My understanding is that it was
25	Q. On the cover, there's a reference 06:27	25	probably in G-O-O-M-I, G-U-M-I. 06:29

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Page 126		Page 127	
1	Q. In Korea?	1	Q. Did you have video conferences?
2	A. Yes.	2	A. No. Video conferences were never
3	Q. In your normal course of your	3	held.
4	duties on your team, did you have an interaction	4	Q. Would it be fair to say that most
5	with the Software Verification Group? 06:30	5	of your communications with the Software 06:33
6	A. Yes.	6	Verification Group were in writing?
7	Q. And what was the nature of the	7	A. It's not the case of direct
8	interaction?	8	communication, per se. So as you can see here, a
9	A. Well, Software Verification Group,	9	report would be created like this, and it would
10	what they mainly do is to test the work that we 06:31	10	be uploaded to a central server. So you could 06:34
11	software developers carry out and provide	11	consider that such takes place in a format such
12	feedback. So, therefore, we would continue to be	12	as this.
13	in communication throughout the development	13	Q. When you say "such as this," you
14	process.	14	mean the Behold3 report that you have in front of
15	Q. Did you ever communicate with the 06:31	15	you, correct? 06:34
16	Software Verification Group at any time about any	16	A. Yes. Typically, it would be
17	of the software you had written for the bounce	17	created in a format such as this.
18	effect?	18	Q. How would you learn that such a
19	A. Yes, it did.	19	report was available to you on the server?
20	Q. Was that communication by e-mail? 06:32	20	A. Typically, I would be communicated 06:35
21	A. E-mail as well as other avenues of	21	of that through e-mail.
22	communication, yes.	22	Q. Okay. Do you know who was the
23	Q. How far is Gumi from Suwon?	23	head of the Software Verification Group in any
24	A. It takes about three to four hours	24	time in 2010?
25	by car. 06:32	25	A. No, I do not. 06:35
Page 128		Page 129	
1	Q. If you would look, please, does	1	user buzz marketing recruit group?
2	the central server that you just talked about,	2	A. No. I absolutely do not know.
3	does it have a name?	3	Q. If you look then, please, at Page
4	A. Typically -- well, I would rather	4	66 out of 94, which ends in the Bates numbers
5	say -- well, there is a name given recently and 06:37	5	383. Do you see where it compares the Behold3 to 06:40
6	the name is PLM, and I think one can access that	6	the iPhone?
7	through this site.	7	A. Yes, I do.
8	Q. Sir, if you look at the bottom of	8	Q. And it says that in the Behold3,
9	the page, it's Page 14 out of 94. It is Bates	9	when a web page is dragged to its limit, there is
10	page 508331. Do you see the second bullet point 06:37	10	no effect, correct? 06:41
11	says, "Evaluation Outline"?	11	A. That's what's written.
12	A. Yes.	12	Q. And it says on the other hand, on
13	Q. And then it says that "the	13	the iPhone, the iPhone has a bouncing visual
14	subjects were a Behold3 manufacturing by Samsung	14	effect which creates entertainment value?
15	in an Apple iPhone." Do you see that? 06:38	15	A. Yes, that's what's written. 06:41
16	A. Yes, I do.	16	Q. And then at the bottom, on the
17	Q. And then it says that the	17	very bottom line, it talks about the improvements
18	evaluators -- that there were 30 people involved	18	to be made. Do you see that?
19	in doing the evaluation. Do you see that?	19	A. Yes.
20	A. Yes, I do. 06:39	20	Q. And can you tell us, please, what 06:42
21	Q. And it refers to something, to an	21	it is, the improvement that this says should be
22	Internet user group called "power user buzz	22	made?
23	marketing recruit." Do you see it?	23	A. So by that, you want me to read
24	A. Yes, I do.	24	it?
25	Q. Are you familiar with the power 06:39	25	Q. No. I mean, I can read it, but I 06:42

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<p>1 want to know what your understanding of the words 2 is.</p> <p>3 A. The way I understand it is at the 4 time of dragging a web page, currently, there is 5 no effect, so which is not interesting enough; 06:43 6 therefore, by providing a visual effect, it ought 7 to make it interesting.</p> <p>8 Q. My question --</p> <p>9 MR. TUNG: When you get to a point 10 that we can take a break, can we take a 06:44 11 break?</p> <p>12 MR. McELHINNY: Sure. Let me ask 13 one more question.</p> <p>14 Q. Were you personally involved in 15 doing any of the work on the improvement to be 06:44 16 made that's described on this film?</p> <p>17 A. No. Not at all.</p> <p>18 Q. I can give you a break. It's 19 6:44. I'm only going to go until 7:00.</p> <p>20 MR. TUNG: So you're just going to 06:44 21 stop at 7:00?</p> <p>22 MR. McELHINNY: Yeah I'm going to 23 stop at 7:00.</p> <p>24 MR. TUNG: We are prepared to stay 25 later. I know we discussed that no one 06:45</p>	<p>1 -- I think neither party or anyone has 2 arranged for the possibility of 3 continuing tomorrow. So, you know, we 4 can offer to stay later if that's what 5 needs, but if you'll be done at 7:00. 06:45</p> <p>6 MR. McELHINNY: Well, just so it's 7 clear, I'm going to be done at 7:00, 8 because that's a long day of depositions.</p> <p>9 MR. TUNG: Okay.</p> <p>10 MR. McELHINNY: We are entitled to 06:45 11 14 hours with him. I have offered to do 12 it tomorrow if you want to do it 13 tomorrow. I understand that's not 14 convenient, but my plan right now is just 15 to adjourn at 7:00, and then we'll all 06:45 16 reserve our rights for whatever happens 17 after that.</p> <p>18 MR. TUNG: Okay. We can discuss 19 what happens off the record.</p> <p>20 MR. McELHINNY: Okay. 06:45 21 (Exhibit 1235, Email dated May 16, 22 2011, Bates number SAMNDACA00036232, 23 marked for identification.)</p> <p>24 BY MR. McELHINNY: 25 Q. Again, sir, you've been handed a 06:48</p>
Page 132	Page 133
<p>1 relatively long document. It purports to be an 2 e-mail chain. The first page of it has the Bates 3 number SAMNDACA00036232. It's been marked here 4 as Exhibit 1235. The first or the last e-mail on 5 the front page bears the date Monday, May 16, 06:48 6 2011. The exhibit runs from Pages 36232 through 7 36261.</p> <p>8 Sir, starting from the top, as we 9 do, which is the end in an e-mail chain, do you 10 see that this is an e-mail dated Monday, May 16, 06:50 11 2011?</p> <p>12 A. Yes, I do.</p> <p>13 Q. And it's sent by a gentleman whose 14 name is Kim In-Ho; is that correct?</p> <p>15 A. Yes, I do. 06:50</p> <p>16 Q. And he was your supervisor as of 17 May 16, 2011, correct?</p> <p>18 A. Yes, that's how I recall.</p> <p>19 Q. He was the head of the Effects 20 team? 06:50</p> <p>21 A. Yes. That's correct.</p> <p>22 Q. And he sent this to three people, 23 correct?</p> <p>24 A. Yes. That's correct.</p> <p>25 Q. And you were one of the people to 06:51</p>	<p>1 whom he sent this e-mail, correct? 2 A. Yes. That's correct.</p> <p>3 Q. And so is it your belief that you 4 received this e-mail on or about May 16, 2011? 5 A. Yes. That's correct. 06:51</p> <p>6 MR. TUNG: I'm sorry. So we have 7 just discovered that one of the 8 recipients of the e-mail is a member of 9 the IP legal team, so I think we need to 10 claw back this document. 06:52</p> <p>11 MR. McELHINNY: Just so I 12 understand, who is the member of the 13 legal team?</p> <p>14 MR. TUNG: In the top line, the 15 second name. 06:52</p> <p>16 MR. McELHINNY: Yeah. Yung Ho 17 Kim.</p> <p>18 MR. TUNG: We recognize that as 19 Yung Ho Kim who is a member of the legal 20 team. 06:52</p> <p>21 MR. McELHINNY: Well, the way the 22 claw back works, it's automatic. You ask 23 for it and you get it. We'll have time 24 before we do this again to note that all 25 it does is forward to him a broader 06:53</p>

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1 e-mail. I'm not sure that makes it
 2 privileged, but you get to make the call
 3 is the way it works.
 4 MR. TUNG: So without more time to
 5 read the Korean, which I cannot read the 06:53
 6 Korean on the spot right now and so I
 7 can't make a determination real time, but
 8 on the strength of the recipient being a
 9 member of the legal team, I'm going to
 10 claw back this document. 06:53
 11 MR. McELHINNY: All right. That's
 12 fair enough for now.
 13 Q. I think that given that, I've got
 14 seven minutes left of my time. I think that
 15 would be an appropriate note on which to adjourn 06:54
 16 the deposition. I'm sorry. Let the record
 17 reflect I'm going to hand you my copy now. If
 18 you send us an e-mail in the normal course, we
 19 have been getting claw back notifications and
 20 then we have been following the protective 06:54
 21 order. So if you follow up on that?
 22 MR. TUNG: Okay, I agree. Yeah.
 23 So we'll follow the claw back procedure
 24 under the agreements between the parties.
 25 MR. McELHINNY: Okay. At this 06:54

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1 THE VIDEOGRAPHER: This marks the
 2 end of Disk Number 4 of four and 06:55
 3 concludes today's deposition of Wookyun
 4 Kho. The time is 6:56 p.m. and we are
 5 off the record.
 6 (Time noted: 6:56 p.m.)
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 WOOKYUN KHO

Subscribed and sworn to before me
 This day of , 2012.

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1 point, sir, I want to thank you for your
 2 time. The deposition is adjourned.
 3 MR. TUNG: So my only statement is
 4 that we -- again, we offered to stay late
 5 because no one had arranged to continue 06:54
 6 tomorrow, and we offer to stay late if
 7 that would help you finish. But I
 8 understand that you want to adjourn right
 9 now. We can discuss --
 10 MR. McELHINNY: To be clear, I 06:54
 11 have another six or seven hours of time
 12 to use with this witness, so there is no
 13 chance that we can finish it in a
 14 consecutive session. So that's -- you're
 15 right, I am adjourning. You are not 06:55
 16 agreeing to it but I am adjourning.
 17 MR. TUNG: Okay. Understood.
 18 MR. McELHINNY: Okay.
 19
 20
 21
 22 ///
 23 ///
 24 ///
 25 ///

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1 C E R T I F I C A T E
 2 S T A T E O F C A L I F O R N I A)
 3)
 4 C O U N T Y O F S A N F R A N C I S C O)
 5 I, LINDA VACCAREZZA, a Certified
 6 Shorthand Reporter for the State of
 7 California, do hereby certify:
 8 That WOOKYUN KHO, the witness whose
 9 deposition is hereinbefore set forth, was
 10 duly sworn by me and that such deposition
 11 is a true record of the testimony given
 12 by such witness.
 13 I further certify that I am not
 14 related to any of the parties to this
 15 action by blood or marriage; and that I
 16 am in no way interested in the outcome of
 17 this matter.
 18 IN WITNESS WHEREOF, I have hereunto
 19 set my hand this 12th day of January,
 20 2012.
 21
 22
 23
 24
 25

 LINDA VACCAREZZA, CSR. NO. 10201

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1 -----I N D E X-----
2 WITNESS EXAMINATION BY PAGE
3 WOOKYUN KHO MS. MCELHINNY 5
4 -----EXHIBITS-----
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6 Exhibit 1231
7 Twitter Account Page.....66 9
8
9 Exhibit 1232
10 Compact Disk.....101 12
11
12 Exhibit 1233
13 Samsung's Responses and Objections to
14 Apple's Interrogatories to Defendants
15 Relating to Apple's Motion for a
16 Preliminary Injunction Number 1 122 12
17
18 Exhibit 1234
19 Behold3 Document, Bates stamped
20 SAMNDCA0058318 through
21 SAMNDCA00508408.....124 11
22
23 Exhibit 1235
24 Email dated May 16, 2011, Bates Number
25 SAMNDACA00036232.....131 21

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1 INSTRUCTIONS NOT TO ANSWER
2 Page 30 Line 9
3 Page 31 Line 14
4 Page 31 Line 24
5 Page 32 Line 13
6 Page 32 Line 21
7 Page 33 Line 15
8 Page 34 Line 2
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1 ERRATA SHEET FOR THE TRANSCRIPT OF:
2 Case Name: Apple Inc v. Samsung Electronics Company Limited
3 Dep. Date: January 12, 2012
4 Deponent: Wookyun Kho
5 Pg. Ln. Now Reads Should Read Reason
6 ___ _____
7 ___ _____
8 ___ _____
9 ___ _____
10 ___ _____
11 ___ _____
12 ___ _____
13 ___ _____
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15 ___ _____
16 ___ _____
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18 _____
19 Wookyun Kho
20
21 SUBSCRIBED AND SWORN BEFORE ME
22 THIS ___ DAY OF _____, 2012.
23 _____
24 (Notary Public) MY COMMISSION
25 EXPIRES: _____

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ability 7:18	American 7:5 74:1	18:22 23:16	attached 60:16	29:18 31:3 37:22
able 7:23 47:19	analysis 43:23 44:9	109:13,16,17,18	100:19	45:2,4,17 48:10
88:20 93:10,14	Android 20:1,3,6	109:22 110:1,5,11	attorney 5:23	49:19 57:13 60:21
103:8 105:19	20:16 21:4,24	111:4,5,9,18,23	26:25 27:11 31:15	62:25 63:15 64:18
106:19 118:1	52:24 53:2 58:7	111:24,25 112:9	31:24 32:21 33:18	67:12,13 72:10
119:1	72:4,11 98:8,10	112:17,21 113:18	34:5 37:2	75:15 77:23 80:15
absolutely 129:2	98:12 119:9	114:2 117:3,4	attorneys 1:14 3:3	81:10 87:16 97:4
access 42:5 117:24	121:15 125:7,18	applications 111:2	3:11 29:25 80:2	109:10 113:9
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