Exhibit 4

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1 2 3 4 5 6 7 8 9 10	QUINN EMANUEL URQUHART & SULLIVA Charles K. Verhoeven (Bar No. 170151) charlesverhoeven@quinnemanuel.com 50 California Street, 22 nd Floor San Francisco, California 94111 Telephone: (415) 875-6600 Facsimile: (415) 875-6700 Kevin P.B. Johnson (Bar No. 177129) kevinjohnson@quinnemanuel.com Victoria F. Maroulis (Bar No. 202603) victoriamaroulis@quinnemanuel.com 555 Twin Dolphin Drive, 5 th Floor Redwood Shores, California 94065-2139 Telephone: (650) 801-5000 Facsimile: (650) 801-5100 Michael T. Zeller (Bar No. 196417) michaelzeller@quinnemanuel.com 865 S. Figueroa St. 10th Floor	N, LLP
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15 16	UNITED STATES	DISTRICT COURT
17	NORTHERN DISTRICT OF CAI	LIFORNIA, SAN JOSE DIVISION
18 19	APPLE INC., a California corporation,	CASE NO. 11-cv-01846-LHK
20	Plaintiff,	SAMSUNG'S OBJECTIONS TO APPLE
21	vs.	INC.'S FIFTH SET OF INTERROGATORIES (CORRECTED)
22	SAMSUNG ELECTRONICS CO., LTD., a	
23	Korean business entity; SAMSUNG ELECTRONICS AMERICA, INC., a New York corporation; SAMSUNG	<u>HIGHLY CONFIDENTIAL –</u> ATTORNEYS' EYES ONLY
24	TELECOMMUNICATIONS AMERICA, LLC, a Delaware limited liability company,	UNDER THE PROTECTIVE ORDER
25	Defendant.	
26		
27		
28		
	SAMSUNG'S OBJECTIONS AND RESPONSES TO	Case No. 11-cv-01846-LHK O APPLE'S FIFTH SET OF INTERROGATORIES (11-13)

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Pursuant to Federal Rules of Civil Procedure 26 and 33, Defendants Samsung Electronics
 Co. Ltd., Samsung Electronics America, Inc., and Samsung Telecommunications America, LLC
 (collectively, "Samsung") respond to Plaintiff Apple Inc.'s ("Apple") Fifth Set of Interrogatories
 (Corrected) as follows:

GENERAL STATEMENT

5

6 The following responses are based on discovery available as of the date hereof. Discovery
7 is just beginning and is continuing, and these responses are subject to change accordingly. It is
8 anticipated that further discovery, independent investigation and analysis may lead to the
9 discovery of additional information or documents, supply additional facts and add meaning to
10 known facts, as well as establish entirely new factual conclusions and legal contentions, all of
11 which may lead to additions to, changes to or variations from the responses set forth herein.

12 In addition, the following responses are given without prejudice to Samsung's right to 13 produce or rely on subsequently discovered information, facts or documents. Samsung 14 accordingly reserves the right to change the responses herein and/or produce or rely on 15 subsequently discovered documents as additional facts are ascertained, analysis is made, legal 16 research is completed and contentions are made. The responses herein are made in a good faith 17 effort to comply with the provisions of Rules 26 and 33 of the Federal Rules of Civil Procedure, 18 and to supply such responsive information as exists and is presently within Samsung's possession, 19 custody or control, but are in no way to be deemed to be to the prejudice of Samsung in relation to 20 further discovery, research and analysis.

An answer to an interrogatory shall not be deemed a waiver of any applicable general or
specific objection to an interrogatory. In responding to the interrogatories, Samsung does not
waive any objections that may be applicable to the use, for any purpose, of any information or
documents provided in response, or the admissibility, relevance, or materiality of any such
information or documents to any issue in this case.

26 Samsung's responses to these interrogatories do not constitute admissions relative to the
27 existence of any documents or information, to the relevance or admissibility of any documents or
28 information, or to the truth or accuracy of any statement or characterization contained in Apple's

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requests. All objections as to relevance, authenticity, or admissibility of any document are
 expressly reserved.

3 Samsung expressly incorporates this General Statement and the following General
4 Objections as though set forth fully in response to each of the following individual interrogatories
5 and, to the extent that they are not raised in any particular response, Samsung does not waive those
6 objections.

7

GENERAL OBJECTIONS

8 1. Samsung objects to the "Definitions" and "Instructions" contained in Apple's
9 Second Set of Interrogatories to the extent they are inconsistent with the Federal Rules of Civil
10 Procedure.

2. Samsung objects to Apple's Definition of "Samsung," "You," "Your," and 11 12 "Defendants" as overly broad to the extent it requires Samsung to pursue information from 13 individuals no longer employed by Samsung whose data is not currently in the possession of 14 Samsung. Samsung further objects to Apple's Definition of "Samsung," "You," "Your," and "Defendants" as overly broad, vague, and ambiguous to the extent it does not define "affiliates," 15 16 and also to the extent that it requires Samsung to potentially seek information from thousands of 17 people. Samsung will respond to interrogatories based on a reasonable inquiry of individuals 18 expected to possess the requested information.

19 3. Samsung objects to Apple's definition of "Apple" to as overly broad, vague, and
20 ambiguous.

4. Samsung objects to the definition of "Products at Issue" as vague and overbroad to
the extent it includes "similar products, and any products that Apple accuses of infringing its
intellectual property in this litigation." Samsung further objects to the definition of "Products at
Issue" to the extent it includes products that are not sold and/or have never been sold in the
United States.

5. Samsung objects to the definition of "Hardware Design" as vague and ambiguous.
6. Samsung objects to the definition of "Graphical User Interface Design" as vague
and ambiguous.

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7. Samsung objects to the definitions of "Original iPhone Trade Dress," "iPhone 3G
 Trade Dress," "iPhone 4 Trade Dress," "iPhone Trade Dress," "iPad Trade Dress," "iPad 2 Trade
 Dress," to the extent they imply that any aspect of the Apple products' design constitutes an
 element of its trade dress.

5 8. Samsung objects to the definition of "Accused Feature" to the extent it misstates or
6 mischaracterizes the Patents at Issue.

9. Samsung objects to the definition of "Source Code" as vague, ambiguous,
overbroad and overly burdensome. Samsung further objects to the definition to the extent it seeks
information regarding unreleased prototypes that are not at issue in this lawsuit. Samsung also
objects to the definition to the extent it seeks multiple and discrete types of information and has
multiple subparts.

12 10. Samsung objects to the definitions of "Concerning" and/or "Relating," and each
13 and every interrogatory that uses the term "Concerning" or "Relating," as overly broad, vague and
14 ambiguous.

15 11. Samsung objects to the definition of "Third Party" or "Third Parties" as overly16 broad.

17 12. Samsung objects to these interrogatories as vague and ambiguous to the extent
18 they include terms that are undefined. Samsung in its responses will identify any terms it believes
19 are vague and ambiguous and will assume a reasonable meaning for each such term.

20 13. Samsung objects generally to each interrogatory to the extent that it seeks to elicit 21 information subject to and protected by the attorney-client privilege, the attorney work-product 22 doctrine, the joint defense privilege, the common interest doctrine, and/or any other applicable 23 privilege or immunity. Any inadvertent disclosure of such information shall not be deemed a 24 waiver of the attorney-client privilege, the work product doctrine, or any other applicable 25 privilege or immunity recognized by statute or case law. Samsung will exchange with Apple a log 26 of withheld documents at a time agreed to by counsel for the parties. Samsung also will not log 27 privileged documents that were created on or after April 15, 2011.

28

14. Samsung objects generally to the interrogatories to the extent they seek

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1 information from outside a reasonable time period or from a point other than a reasonable time.

2 15. Samsung objects to these interrogatories to the extent they seek to compel
3 Samsung to generate or create information and/or documents that do not already exist.

4 16. Samsung objects generally to the interrogatories to the extent that they prematurely
5 call for contentions, identification of prior art, or identification of witnesses at this stage of the
6 litigation.

7 17. Samsung objects to each interrogatory to the extent it is duplicative or cumulative
8 of another interrogatory.

9 18. Samsung objects to each interrogatory to the extent it is compound and comprises
10 discrete subparts resulting in separate interrogatories.

11 19. Samsung expressly reserves the right to respond to any or all of the interrogatories
12 by specifying documents wherein the responsive information may be ascertained pursuant to Rule
13 33(d) of the Federal Rules of Civil Procedure.

14 20. Samsung objects generally to the interrogatories to the extent they seek
15 confidential proprietary or trade secret information of third parties. Samsung will endeavor to
16 work with third parties to obtain their consent, if necessary, before identifying or producing such
17 information and/or documents.

18 21. Samsung objects generally to the interrogatories on the grounds that they are
19 overly broad, unduly burdensome, and neither relevant nor reasonably calculated to lead to the
20 discovery of admissible evidence.

21 22. Samsung objects to the interrogatories on the ground that they are overly broad,
22 unduly burdensome and oppressive to the extent they purport to require Samsung to search its
23 facilities and inquire of its employees other than those facilities and employees that would
24 reasonably be expected to have responsive information. Samsung's responses are based upon (1)
25 a reasonable search and investigation of facilities and files that could reasonably be expected to
26 contain responsive information, and (2) inquiries of Samsung's employees and/or representatives
27 who could reasonably be expected to possess responsive information.

28

23. Samsung objects to the interrogatories on the grounds that they seek information

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already in the possession of Apple, publicly available, or as readily available to Apple as it is to
 Samsung.

3 24. Samsung objects to each interrogatory to the extent that it seeks information before
4 Samsung is required to disclose such information in accordance with any applicable law, such as
5 the Northern District of California Patent Local Rules.

6 25. Samsung objects to the interrogatories on the grounds and to the extent that they
7 seek legal conclusions or call for expert testimony. Samsung's responses should not be construed
8 to provide legal conclusions.

9 Subject to and without waiving the foregoing General Statement and General Objections,
10 Samsung responds as follows:

11

INTERROGATORIES

12 **INTERROGATORY NO. 11**:

Specifically for each of the Design Patents at Issue, explain the factual and legal bases for
Samsung's Second Affirmative Defense: Patent Non-Infringement.

15 **RESPONSE TO INTERROGATORY NO. 11**:

16 Samsung objects to this interrogatory as vague and ambiguous. Samsung further objects to 17 this interrogatory to the extent that it seeks to elicit information subject to and protected by the 18 attorney-client privilege, the attorney work-product doctrine, the joint defense privilege, the 19 common interest doctrine, and/or any other applicable privilege or immunity. Samsung further 20 objects to this interrogatory as premature to the extent it requests information regarding 21 Samsung's non-infringement contentions before sufficient discovery has been conducted. 22 Samsung further objects to this interrogatory to the extent it prematurely calls for contentions at 23 this stage of litigation. Samsung will provide such contentions in accordance with the Court's 24 Minute Order and Case Management Order, dated August 25, 2011. 25 Subject to the foregoing general and specific objections, Samsung responds as follows: 26 For U.S. Patent No. D627,790, the accused Samsung products, as identified in Apple's 27 Response to Samsung Interrogatory No. 5, are not substantially similar to an ordinary observer giving such attention as a purchaser usually gives, particularly when viewed in light of the prior 28

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art and the functional elements of the design are excluded as a basis for similarity. In addition,
 Samsung's investigation is ongoing and Samsung will supplement this interrogatory after a
 reasonable investigation and further discovery from Apple on the basis for its infringement
 position.

For U.S. Patent No. D617,334, the accused Samsung products, as identified in Apple's
Response to Samsung Interrogatory No. 5, are not substantially similar to an ordinary observer
giving such attention as a purchaser usually gives, particularly when viewed in light of the prior
art and the functional elements of the design are excluded as a basis for similarity. In addition,
Samsung's investigation is ongoing and Samsung will supplement this interrogatory after a
reasonable investigation and further discovery from Apple on the basis for its infringement
position.

For U.S. Patent No. D604,305, the accused Samsung products, as identified in Apple's Response to Samsung Interrogatory No. 5, are not substantially similar to an ordinary observer giving such attention as a purchaser usually gives, particularly when viewed in light of the prior art and the functional elements of the design are excluded as a basis for similarity. In addition, Samsung's investigation is ongoing and Samsung will supplement this interrogatory after a reasonable investigation and further discovery from Apple on the basis for its infringement position.

19 For U.S. Patent No. D593,087, the accused Samsung products, as identified in Apple's 20 Response to Samsung Interrogatory No. 5, are not substantially similar to an ordinary observer 21 giving such attention as a purchaser usually gives, particularly when viewed in light of the prior 22 art and the functional elements of the design are excluded as a basis for similarity. In addition, 23 Samsung's investigation is ongoing and Samsung will supplement this interrogatory after a 24 reasonable investigation and further discovery from Apple on the basis for its infringement 25 position. Samsung also incorporates by reference the Declaration of Itay Sherman in Support of 26 Samsung's Opposition to Apple's Motion for a Preliminary Injunction (Dkt. No. 172).

For U.S. Patent No. D618,677, the accused Samsung products, as identified in Apple's
Response to Samsung Interrogatory No. 5, are not substantially similar to an ordinary observer

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giving such attention as a purchaser usually gives, particularly when viewed in light of the prior
 art and the functional elements of the design are excluded as a basis for similarity. In addition,
 Samsung's investigation is ongoing and Samsung will supplement this interrogatory after a
 reasonable investigation and further discovery from Apple on the basis for its infringement
 position. Samsung also incorporates by reference the Declaration of Itay Sherman in Support of
 Samsung's Opposition to Apple's Motion for a Preliminary Injunction (Dkt. No. 172).

For U.S. Patent No. D622,270, the accused Samsung products, as identified in Apple's
Response to Samsung Interrogatory No. 5, are not substantially similar to an ordinary observer
giving such attention as a purchaser usually gives, particularly when viewed in light of the prior
art and the functional elements of the design are excluded as a basis for similarity. In addition,
Samsung's investigation is ongoing and Samsung will supplement this interrogatory after a
reasonable investigation and further discovery from Apple on the basis for its infringement
position.

14 For U.S. Patent No. D504,889, the accused Samsung products, as identified in Apple's 15 Response to Samsung Interrogatory No. 5, are not substantially similar to an ordinary observer 16 giving such attention as a purchaser usually gives, particularly when viewed in light of the prior 17 art and the functional elements of the design are excluded as a basis for similarity. In addition, 18 Samsung's investigation is ongoing and Samsung will supplement this interrogatory after a 19 reasonable investigation and further discovery from Apple on the basis for its infringement 20 position. Samsung also incorporates by reference the Declaration of Itay Sherman in Support of Samsung's Opposition to Apple's Motion for a Preliminary Injunction (Dkt. No. 172). 21

22 INTERROGATORY NO. 12:

Specifically for each of the Design Patents at Issue, explain the factual and legal bases for
Samsung's Third Affirmative Defense: Patent Invalidity. The response should include: (a) the
identity of any item of prior art that Samsung alleges anticipates each Design Patent at Issue; (b)
the identity of any item of prior art that Samsung alleges is a primary reference pursuant to *In re Rosen*, 673 F.2d 388 (CCPA 1982); (c) the identity of any combinations of prior art that Samsung
alleges render any of the Design Patents at Issue obvious, including an explanation of why the

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1 prior art renders each Design Patent at Issue obvious; and (d) any other grounds of invalidity 2 alleged by Samsung, including those based on 35 U.S.C. §§ 101, 102, 103, 112 and/or 171. **RESPONSE TO INTERROGATORY NO. 12:**

3

4 Samsung objects to this interrogatory as vague and ambiguous. Samsung further objects to 5 this interrogatory to the extent that it seeks to elicit information subject to and protected by the 6 attorney-client privilege, the attorney work-product doctrine, the joint defense privilege, the 7 common interest doctrine, and/or any other applicable privilege or immunity. Samsung further 8 objects to this interrogatory as premature to the extent it requests information regarding 9 Samsung's invalidity contentions before sufficient discovery has been conducted. Samsung 10 further objects to this interrogatory to the extent it prematurely calls for contentions at this stage of 11 litigation. Samsung further objects to this interrogatory because it contains multiple subparts such 12 that each should count as a separate interrogatory. Samsung will provide such contentions in 13 accordance with the Court's Minute Order and Case Management Order, dated August 25, 2011. 14 Subject to the foregoing general and specific objections, Samsung responds as follows: 15 For U.S. Patent No. D627,790, because the burden of deriving or ascertaining the answer 16 to this Interrogatory from the produced business records is substantially the same for Apple as for 17 Samsung, in accordance with Federal Rule of Civil Procedure 33(d), Samsung refers Apple to 18 documents produced in this action related to prior art, including the following documents: 19 SAMNDCA00020035-20119; SAMNDCA00020499-20575; SAMNDCA00020879-20899; 20SAMNDCA00021500-21504; SAMNDCA00021894-22450; SAMNDCA00022764-22801; 21 SAMNDCA00023585-23590; SAMNDCA00024570-24581; SAMNDCA00199073-199148; SAMNDCA00199210-199401; SAMNDCA00199525-200616; SAMNDCA00200640-200649; 22 23 SAMNDCA00200659-200660; SAMNDCA00200666-200669; SAMNDCA00200677-200685; 24 SAMNDCA00200715-200723; SAMNDCA00200734-200736; SAMNDCA00200749-200750; SAMNDCA00200789-200791; SAMNDCA00200807-200808; SAMNDCA00200839-200842; 25 26 SAMNDCA00200926-200927; SAMNDCA00200941-200952; SAMNDCA00200961-200971; 27 SAMNDCA00201021-201022; SAMNDCA00201076-201077; SAMNDCA00201095-201097; 28 SAMNDCA00201112-201113; SAMNDCA00201141-201142; SAMNDCA00201151-201159; Case No. 11-cv-01846-LHK

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SAMNDCA00201168-201171; SAMNDCA00201183-201188; SAMNDCA00201205-201206;
 SAMNDCA00201211-201220; SAMNDCA00201241-201249.

Samsung believes that the identified prior art, standing alone, or in combination, would be
substantially similar to an ordinary observer giving such attention as a purchaser usually gives, to
Apple's design patent, rendering the patent invalid as anticipated and/or obvious. Samsung also
believes that Apple's design patent is invalid because it is the subject of double-patenting, is
indefinite, and because the design is not ornamental. In addition, Samsung's investigation is
ongoing and Samsung will supplement this interrogatory after a reasonable investigation and
further discovery from Apple on the basis for its infringement position.

For U.S. Patent No. D617,334, because the burden of deriving or ascertaining the answer
to this Interrogatory from the produced business records is substantially the same for Apple as for
Samsung, in accordance with Federal Rule of Civil Procedure 33(d), Samsung refers Apple to
documents produced in this action related to prior art, including the following documents:

14 SAMNDCA00020035-20119; SAMNDCA00020499-20575; SAMNDCA00020879-20899;

15 SAMNDCA00021500-21504; SAMNDCA00021894-22450; SAMNDCA00022764-22801;

16 SAMNDCA00023585-23590; SAMNDCA00024570-24581; SAMNDCA00199073-199148;

17 SAMNDCA00199210-199401; SAMNDCA00199525-200616; SAMNDCA00200640-200649;
18 SAMNDCA00200659-200660; SAMNDCA00200666-200669; SAMNDCA00200677-200685;
19 SAMNDCA00200715-200723; SAMNDCA00200734-200736; SAMNDCA00200749-200750;
20 SAMNDCA00200789-200791; SAMNDCA00200807-200808; SAMNDCA00200839-200842;

21 SAMNDCA00200926-200927; SAMNDCA00200941-200952; SAMNDCA00200961-200971;

22 SAMNDCA00201021-201022; SAMNDCA00201076-201077; SAMNDCA00201095-201097;

23 SAMNDCA00201112-201113; SAMNDCA00201141-201142; SAMNDCA00201151-201159;

24 SAMNDCA00201168-201171; SAMNDCA00201183-201188; SAMNDCA00201205-201206;

25 SAMNDCA00201211-201220; SAMNDCA00201241-201249.

Samsung believes that the identified prior art, standing alone, or in combination, would be
substantially similar to an ordinary observer giving such attention as a purchaser usually gives, to
Apple's design patent, rendering the patent invalid as anticipated and/or obvious. Samsung also

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believes that Apple's design patent is invalid because it is the subject of double-patenting, is
 indefinite, and because the design is not ornamental. In addition, Samsung's investigation is
 ongoing and Samsung will supplement this interrogatory after a reasonable investigation and
 further discovery from Apple on the basis for its infringement position.

5 For U.S. Patent No. D604,305, because the burden of deriving or ascertaining the answer 6 to this Interrogatory from the produced business records is substantially the same for Apple as for 7 Samsung, in accordance with Federal Rule of Civil Procedure 33(d), Samsung refers Apple to 8 documents produced in this action related to prior art, including the following documents: 9 SAMNDCA00020035-20119; SAMNDCA00020499-20575; SAMNDCA00020879-20899; 10 SAMNDCA00021500-21504; SAMNDCA00021894-22450; SAMNDCA00022764-22801; SAMNDCA00023585-23590; SAMNDCA00024570-24581; SAMNDCA00199073-199148; 11 SAMNDCA00199210-199401; SAMNDCA00199525-200616; SAMNDCA00200640-200649; 12 13 SAMNDCA00200659-200660; SAMNDCA00200666-200669; SAMNDCA00200677-200685; SAMNDCA00200715-200723; SAMNDCA00200734-200736; SAMNDCA00200749-200750; 14 15 SAMNDCA00200789-200791; SAMNDCA00200807-200808; SAMNDCA00200839-200842; SAMNDCA00200926-200927; SAMNDCA00200941-200952; SAMNDCA00200961-200971; 16 17 SAMNDCA00201021-201022; SAMNDCA00201076-201077; SAMNDCA00201095-201097; 18 SAMNDCA00201112-201113; SAMNDCA00201141-201142; SAMNDCA00201151-201159; 19 SAMNDCA00201168-201171; SAMNDCA00201183-201188; SAMNDCA00201205-201206; 20 SAMNDCA00201211-201220; SAMNDCA00201241-201249.

Samsung believes that the identified prior art, standing alone, or in combination, would be
substantially similar to an ordinary observer giving such attention as a purchaser usually gives, to
Apple's design patent, rendering the patent invalid as anticipated and/or obvious. Samsung also
believes that Apple's design patent is invalid because it is the subject of double-patenting, is
indefinite, and because the design is not ornamental. In addition, Samsung's investigation is
ongoing and Samsung will supplement this interrogatory after a reasonable investigation and
further discovery from Apple on the basis for its infringement position.

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1	For U.S. Patent No. D593,087, because the burden of deriving or ascertaining the answer
2	to this Interrogatory from the produced business records is substantially the same for Apple as for
3	Samsung, in accordance with Federal Rule of Civil Procedure 33(d), Samsung refers Apple to
4	documents produced in this action related to prior art, including the following documents:
5	SAMNDCA00019932-20034; SAMNDCA00020120-20303; SAMNDCA00020394-20498;
6	SAMNDCA00020782-20878; SAMNDCA00020900-20906; SAMNDCA00020978-20989;
7	SAMNDCA00021255-21313; SAMNDCA00021315-21336; SAMNDCA00021341-21471;
8	SAMNDCA00021479-21499; SAMNDCA00021505-21588; SAMNDCA00021593-21604;
9	SAMNDCA00021608-21632; SAMNDCA00021634-21805; SAMNDCA00021812-21857;
10	SAMNDCA00022451-22522; SAMNDCA00022732-22763; SAMNDCA00022802-22812;
11	SAMNDCA00022901-22971; SAMNDCA00022984-23064; SAMNDCA00023137-23182;
12	SAMNDCA00023234-23524; SAMNDCA00023542—23584; SAMNDCA00023591-24061;
13	SAMNDCA00024582-24662; SAMNDCA00024749-24752; SAMNDCA00027670-27722;
14	SAMNDCA00198059-198067; SAMNDCA00198070-198096; SAMNDCA00198101-198274;
15	SAMNDCA00198289-198307; SAMNDCA00198313-198456; SAMNDCA00198754-198846;
16	SAMNDCA00198884-199046; SAMNDCA00199164-199222; SAMNDCA00199298-199306;
17	SAMNDCA00199402-199524; SAMNDCA00200425-200472; SAMNDCA00200617-200639;
18	SAMNDCA00200650-200658; SAMNDCA00200661-200665; SAMNDCA00200670-200676;
19	SAMNDCA00200686-200714; SAMNDCA00200724-200733; SAMNDCA00200737-200748;
20	SAMNDCA00200751-200788; SAMNDCA00200793-200806; SAMNDCA00200809-200838;
21	SAMNDCA00200843-200873; SAMNDCA00201264-201278.

Samsung believes that the identified prior art, standing alone, or in combination, would be
substantially similar to an ordinary observer giving such attention as a purchaser usually gives, to
Apple's design patent, rendering the patent invalid as anticipated and/or obvious. Samsung also
believes that Apple's design patent is invalid because it is the subject of double-patenting, is
indefinite, and because the design is not ornamental. In addition, Samsung's investigation is
ongoing and Samsung will supplement this interrogatory after a reasonable investigation and
further discovery from Apple on the basis for its infringement position. Samsung also

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incorporates by reference the Declaration of Itay Sherman in Support of Samsung's Opposition to
 Apple's Motion for a Preliminary Injunction (Dkt. No. 172).

3 For U.S. Patent No. D618,677, because the burden of deriving or ascertaining the answer 4 to this Interrogatory from the produced business records is substantially the same for Apple as for 5 Samsung, in accordance with Federal Rule of Civil Procedure 33(d), Samsung refers Apple to 6 documents produced in this action related to prior art, including the following documents: 7 SAMNDCA00019932-20034; SAMNDCA00020120-20303; SAMNDCA00020394-20498; 8 SAMNDCA00020782-20878; SAMNDCA00020900-20906; SAMNDCA00020978-20989; 9 SAMNDCA00021255-21313; SAMNDCA00021315-21336; SAMNDCA00021341-21471; 10 SAMNDCA00021479-21499; SAMNDCA00021505-21588; SAMNDCA00021593-21604; SAMNDCA00021608-21632; SAMNDCA00021634-21805; SAMNDCA00021812-21857; 11 12 SAMNDCA00022451-22522; SAMNDCA00022732-22763; SAMNDCA00022802-22812; 13 SAMNDCA00022901-22971; SAMNDCA00022984-23064; SAMNDCA00023137-23182; SAMNDCA00023234-23524; SAMNDCA00023542-23584; SAMNDCA00023591-24061; 14 15 SAMNDCA00024582-24662; SAMNDCA00024749-24752; SAMNDCA00027670-27722; SAMNDCA00198059-198067; SAMNDCA00198070-198096; SAMNDCA00198101-198274; 16 SAMNDCA00198289-198307; SAMNDCA00198313-198456; SAMNDCA00198754-198846; 17 18 SAMNDCA00198884-199046; SAMNDCA00199164-199222; SAMNDCA00199298-199306; 19 SAMNDCA00199402-199524; SAMNDCA00200425-200472; SAMNDCA00200617-200639; 20SAMNDCA00200650-200658; SAMNDCA00200661-200665; SAMNDCA00200670-200676; 21 SAMNDCA00200686-200714; SAMNDCA00200724-200733; SAMNDCA00200737-200748; SAMNDCA00200751-200788; SAMNDCA00200793-200806; SAMNDCA00200809-200838; 22 23 SAMNDCA00200843-200873; SAMNDCA00201264-201278.

Samsung believes that the identified prior art, standing alone, or in combination, would be
substantially similar to an ordinary observer giving such attention as a purchaser usually gives, to
Apple's design patent, rendering the patent invalid as anticipated and/or obvious. Samsung also
believes that Apple's design patent is invalid because it is the subject of double-patenting, is
indefinite, and because the design is not ornamental. In addition, Samsung's investigation is

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ongoing and Samsung will supplement this interrogatory after a reasonable investigation and
 further discovery from Apple on the basis for its infringement position. Samsung also
 incorporates by reference the Declaration of Itay Sherman in Support of Samsung's Opposition to
 Apple's Motion for a Preliminary Injunction (Dkt. No. 172).

5 For U.S. Patent No. D622,270, because the burden of deriving or ascertaining the answer 6 to this Interrogatory from the produced business records is substantially the same for Apple as for 7 Samsung, in accordance with Federal Rule of Civil Procedure 33(d), Samsung refers Apple to 8 documents produced in this action related to prior art, including the following documents: 9 SAMNDCA00019932-20034; SAMNDCA00020120-20303; SAMNDCA00020394-20498; 10 SAMNDCA00020782-20878; SAMNDCA00020900-20906; SAMNDCA00020978-20989; SAMNDCA00021255-21313; SAMNDCA00021315-21336; SAMNDCA00021341-21471; 11 12 SAMNDCA00021479-21499; SAMNDCA00021505-21588; SAMNDCA00021593-21604; 13 SAMNDCA00021608-21632; SAMNDCA00021634-21805; SAMNDCA00021812-21857; SAMNDCA00022451-22522; SAMNDCA00022732-22763; SAMNDCA00022802-22812; 14 15 SAMNDCA00022901-22971; SAMNDCA00022984-23064; SAMNDCA00023137-23182; SAMNDCA00023234-23524; SAMNDCA00023542-23584; SAMNDCA00023591-24061; 16 SAMNDCA00024582-24662; SAMNDCA00024749-24752; SAMNDCA00027670-27722; 17 18 SAMNDCA00198059-198067; SAMNDCA00198070-198096; SAMNDCA00198101-198274; 19 SAMNDCA00198289-198307; SAMNDCA00198313-198456; SAMNDCA00198754-198846; 20SAMNDCA00198884-199046; SAMNDCA00199164-199222; SAMNDCA00199298-199306; 21 SAMNDCA00199402-199524; SAMNDCA00200425-200472; SAMNDCA00200617-200639; 22 SAMNDCA00200650-200658; SAMNDCA00200661-200665; SAMNDCA00200670-200676; 23 SAMNDCA00200686-200714; SAMNDCA00200724-200733; SAMNDCA00200737-200748; 24 SAMNDCA00200751-200788; SAMNDCA00200793-200806; SAMNDCA00200809-200838; 25 SAMNDCA00200843-200873; SAMNDCA00201264-201278.

Samsung believes that the identified prior art, standing alone, or in combination, would be
substantially similar to an ordinary observer giving such attention as a purchaser usually gives, to
Apple's design patent, rendering the patent invalid as anticipated and/or obvious. Samsung also

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believes that Apple's design patent is invalid because it is the subject of double-patenting, is
 indefinite, and because the design is not ornamental. In addition, Samsung's investigation is
 ongoing and Samsung will supplement this interrogatory after a reasonable investigation and
 further discovery from Apple on the basis for its infringement position.

5 For U.S. Patent No. D504,889, in accordance with Federal Rule of Civil Procedure 33(d), 6 Samsung refers Apple to documents produced in this action related to prior art, including the 7 following documents, because the burden of deriving or ascertaining the answer to this 8 Interrogatory from the produced business records is substantially the same for Apple as for 9 Samsung: SAMNDCA00019932-19943; SAMNDCA00020120-20247; SAMNDCA00020394-10 20498; SAMNDCA00020903-20906; SAMNDCA00020978-20989; SAMNDCA00021281-21313; SAMNDCA00021330-21336; SAMNDCA00021341-21436; SAMNDCA00021479-11 12 21485; SAMNDCA00021505-21588; SAMNDCA00021593-21596; SAMNDCA00021800-13 21805; SAMNDCA00022451-22506; SAMNDCA00022514-22520; SAMNDCA00022732-14 22763; SAMNDCA00022802-22812; SAMNDCA00022901-22910; SAMNDCA00022984-15 23047; SAMNDCA00023234-23265; SAMNDCA00023520-23524; SAMNDCA00023591-16 23801; SAMNDCA00024582-24629; SAMNDCA00027686-27690; SAMNDCA00027692-17 27708; SAMNDCA00198059; SAMNDCA00198070-198076; SAMNDCA00198089-198096; 18 SAMNDCA00198109-198115; SAMNDCA00198134-198142; SAMNDCA00198245-198267; 19 SAMNDCA00198285-198289; SAMNDCA00198317-198318; SAMNDCA00198322; 20SAMNDCA00198333-198336; SAMNDCA00198343-198344; SAMNDCA00198754-198808; 21 SAMNDCA00198884-198918; SAMNDCA00199164-199189; SAMNDCA00199204-199209; SAMNDCA00199402-199411; SAMNDCA00199415-199419; SAMNDCA00199426-199432; 22 23 SAMNDCA00199439-199441; SAMNDCA00199445-199447; SAMNDCA00199454-199524; 24 SAMNDCA00200617-200639; SAMNDCA00200650-200658; SAMNDCA00200661-200665; 25 SAMNDCA00200670-200676; SAMNDCA00200686-200714; SAMNDCA00200724-200733; 26 SAMNDCA00200737-200740; SAMNDCA00201264-201271.

27 Samsung believes that the identified prior art, standing alone, or in combination, would be
28 substantially similar to an ordinary observer giving such attention as a purchaser usually gives, to

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1 Apple's design patent, rendering the patent invalid as anticipated and/or obvious. Samsung also 2 believes that Apple's design patent is invalid because it is the subject of double-patenting, is 3 indefinite, and because the design is not ornamental. In addition, Samsung's investigation is 4 ongoing and Samsung will supplement this interrogatory after a reasonable investigation and 5 further discovery from Apple on the basis for its infringement position. Samsung also 6 incorporates by reference the Declaration of Roger Fidler and the Declaration of Itay Sherman in 7 Support of Samsung's Opposition to Apple's Motion for a Preliminary Injunction (Dkt. Nos. 166, 8 172).

9 INTERROGATORY NO. 13:

Identify (a) all individuals who are current or former members of Samsung's Industrial
Design (ID) team and/or User Interface (UX) design team who have worked on any aspect of the
design of any of Samsung's mobile phones and/or tablets since 2000, and (b) each identified
individual's start date and end date (if any) of employment with Samsung.

14

RESPONSE TO INTERROGATORY NO. 13:

15 Samsung objects to this interrogatory on the grounds that it is overbroad, unduly 16 burdensome, and not reasonably calculated to lead to the discovery of admissible evidence, 17 especially to the extent it seeks information about "any of Samsung's mobile phones since 2000" 18 beyond the accused products or accused components or technologies of those products that may be 19 relevant to the Patents at Issue, and/or that Apple has placed at issue in this case in its 20infringement contentions. Unlike Apple, which does not introduce more than a single mobile 21 device in either the phone or tablet computer category in any given year and has introduced fewer 22 than ten such products total in the past eleven years, Samsung introduces dozens of phones each 23 year and hundreds since 2000. Samsung objects to the terms "have worked on" and "any aspect" 24 as vague, ambiguous and overly broad. Samsung objects to this interrogatory to the extent it seeks 25 information that is subject to a confidentiality or non-disclosure agreement or governed by a 26 protective order preventing its production, or otherwise seeks confidential, proprietary or trade 27 secret information of third parties. Samsung further objects to this interrogatory because it 28 contains multiple subparts such that each should count as a separate interrogatory. Samsung Case No. 11-cv-01846-LHK

SAMSUNG'S OBJECTIONS AND RESPONSES TO APPLE'S FIFTH SET OF INTERROGATORIES (11-13)

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further objects to this interrogatory to the extent it seeks information beyond a reasonable time
 period and outside the scope of permissible discovery.

3 Subject to the foregoing general and specific objections, Samsung responds as follows: Samsung has nearly 200,000 employees, including approximately 450 that work on design 4 5 in the mobile division alone. Therefore, a large number of Samsung employees have "worked on any aspect of the design of any of Samsung's mobile phones and/or tablets." Even with respect to 6 7 the Products at Issue, hundreds of Samsung employees have likely "worked on any aspect" of 8 such products. 9 Samsung further incorporates by reference the information set forth in its Initial 10 Disclosures as well as the information set forth in its response to Interrogatory No. 10. Samsung's

11 investigation is ongoing, and Samsung will supplement this interrogatory to provide the identities

12 of the Samsung employees who are or were primarily responsible for the design and/or user

13 interface of the features for the products accused in this lawsuit. Samsung is further willing to

14 meet and confer regarding the scope of this interrogatory.

15 DATED: December 19, 2011 Respectfully submitted, 16 QUINN EMANUEL URQUHART & SULLIVAN, LLP 17 18 19 By /s/ Victoria F. Maroulis Charles K. Verhoeven 20 Kevin P.B. Johnson Victoria F. Maroulis 21 Michael T. Zeller Attorneys for SAMSUNG ELECTRONICS CO., 22 LTD., SAMSUNG ELECTRONICS AMERICA, 23 INC. and SAMSUNG TELECOMMUNICATIONS AMERICA, LLC 24 25 26 27 28 Case No. 11-cv-01846-LHK -16-SAMSUNG'S OBJECTIONS AND RESPONSES TO APPLE'S FIFTH SET OF INTERROGATORIES (11-13)

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	<u>CONTAINS HIGHLY CONFIDENTIAL – ATTORNEYS' EYES ONLY INFORMATION</u>
1	CERTIFICATE OF SERVICE
2	I hereby certify that on December 19, 2011, I caused SAMSUNG'S OBJECTIONS AND
3	RESPONSES TO APPLE INC.'S FIFTH SET OF INTERROGATORIES (Nos. 11-13) to be
4	electronically served on the following via email:
5	ATTORNEYS FOR APPLE INC.
 6 7 8 9 10 11 12 13 14 15 16 17 	AppleMoFo@mofo.comWILLIAM F. LEEHAROLD J. MCELHINNYwilliam.lee@wilmerhale.comhmcelhinny@mofo.comWILMER CUTLER PICKERING HALEMICHAEL A. JACOBSAND DORR LLPmjacobs@mofo.com60 State StreetJENNIFER LEE TAYLORBoston, Massachusetts 02109jtaylor@mofo.comTelephone: (617) 526-6000ALISON M. TUCHERFacsimile: (617) 526-5000atucher@mofo.comMARK D. SELWYNrhung@mofo.commark.selwyn@wilmerhale.comJASON R. BARTLETTWILMER CUTLER PICKERING HALEjasonbartlett@mofo.comAND DORR LLPMORRISON & FOERSTER LLP950 Page Mill Road425 Market StreetPalo Alto, California 94304San Francisco, California 94105-2482Telephone: (650) 858-6000relephone: (415) 268-7000Facsimile: (650) 858-6100Facsimile: (415) 268-7522I declare under penalty of perjury that the foregoing is true and correct. Executed in
18	Redwood Shores, California on Dec. 19, 2011.
19	/s/ Melissa N. Chan
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	-17- Case No. 11-cv-01846-LHK SAMSUNG'S OBJECTIONS AND RESPONSES TO APPLE'S FIFTH SET OF INTERROGATORIES (11-13)