

**LETTER OF ASSURANCE FOR ESSENTIAL PATENT CLAIMS**

Please return via mail,  
e-mail (as a PDF), or fax:

PatCom Administrator, IEEE-SA Standards Board Patent Committee  
Institute of Electrical and Electronics Engineers, Inc.  
445 Hoes Lane  
Piscataway, NJ 08854 USA  
FAX (+1 732-875-0524) e-mail: patcom@ieee.org

*No license is implied by submission of this Letter of Assurance*

**A. SUBMITTER:**

Legal Name: INRIA (Institut National de Recherche en Informatique et en Automatique) ("Submitter")

**B. SUBMITTER'S CONTACT INFORMATION (for the purpose of licensing information):**

Contact Name/Title: M. Luc Grateau - Director  
Department: Intellectual Assets Management and Transfer Office  
Address: Domaine de Voluceau - Rocquencourt - BP 105  
78153 Le Chesnay Cedex - FRANCE  
Telephone: +33 1 39 63 5459 Fax: +33 1 3963 5114 E-mail: luc.grateau@inria.fr  
URL: www.inria.fr

*Note: The IEEE does not endorse the content, or confirm the accuracy or consistency of any contact information or web site listed above.*

**C. IEEE STANDARD OR PROJECT (e.g., AMENDMENT, CORRIGENDA, OR REVISION):**

In accordance with Clause 6.3.5 of the *IEEE-SA Standards Board Operations Manual*, this licensing position is limited to the following:

Standard/Project Number: 802.11s  
Title: ESS Mesh Networking

**D. SUBMITTER'S POSITION REGARDING LICENSING OF ESSENTIAL PATENT CLAIMS:**

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2. After a Reasonable and Good Faith Inquiry, the Submitter is not aware of any Patent Claims that the Submitter may own, control, or have the ability to license that might be or become Essential Patent Claims.

**E. SCOPE OF ASSURANCE:**

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Patent/Application/Docket Number: PR 9806244  
 Description/Title (optional): Arrangement for the transmission of messages with improved stations and correspond  
 Claim (optional):

Patent/Application/Docket Number: EP 0959602 - DE 69929868  
 Description/Title (optional): Arrangement for the transmission of messages with improved stations and correspond  
 Claim (optional):

Patent/Application/Docket Number: US 6697379  
 Description/Title (optional): System for transmitting messages to improved stations and corresponding processing  
 Claim (optional):

*For additional patents, use additional pages as necessary.*

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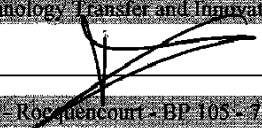
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Print name of authorized person: Bruno Sportisse  
 Title of authorized person: Technology Transfer and Innovation Department Director  
 Signature of authorized person:  Date: 02/11/08  
 Address: Domaine de Vouveau - Rocquencourt - BP 105 - 78153 Le Chesnay Cedex - France  
 Phone: +33 1 39 63 5134 E-mail: bruno.sportisse@irisa.fr

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Patent/Application/Docket Number: **FR 9715870**

Description/Title (optional): **Apparatus and method for interconnection between network segments communicati**

Claim (optional):

Patent/Application/Docket Number: **EP 0924898**

Description/Title (optional): **Apparatus and method for interconnection between network segments communicati**

Claim (optional):

Patent/Application/Docket Number: **US 6483852**

Description/Title (optional): **Apparatus and method for interconnection between network segments communicati**

Claim (optional):

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Print name of authorized person: Bruno Sportisse

Title of authorized person: Technology Transfer and Innovation Department Director

Signature of authorized person:  Date: 02/11/08

Address: Domaine de Voluceau - Rocquencourt - BP 105 - 78153 Le Chesnay Cedex - France

Phone: +33 1 39 63 5134 E-mail: bruno.sportisse@inria.fr

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Patent/Application/Docket Number: FR 9300750  
 Description/Title (optional): Radio Network Type Data Transmission Method and Facility

Claim (optional):

Patent/Application/Docket Number: EP 0637417  
 Description/Title (optional): Radio Network Type Data Transmission Method and Facility

Claim (optional):

Patent/Application/Docket Number: US 5638449  
 Description/Title (optional): Data Transmission Installation of the radio network type and corresponding process

Claim (optional):

*For additional patents, use additional pages as necessary.*

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Title of authorized person: Technology Transfer and Innovation Department Director

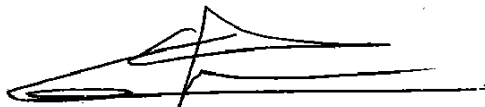
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**Letter of assurance for essential patent claims of INRIA (continued)****Patent/Application/Docket Number : CA 2132626****Description/Title (optional) : Radio Network-type data transmission method and facility****Patent/Application/Docket Number : JP 8505023****Description/Title (optional) : Radio Network-type data transmission method and facility****Patent/Application/Docket Number : DE 69422452****Description/Title (optional) : Radio Network-type data transmission method and facility**

Luc Grateau  
INRIA

Intellectual Assets Management and Transfer Office Director

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Claim (optional):

Patent/Application/Docket Number: EP 93967909  
 Description/Title (optional): Radio Network Type Data Transmission Installation and Method

Claim (optional):

Patent/Application/Docket Number: US 5689510 - CA 2133432 - DE 69323074 - JP 9500767  
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If, as described in Clause 6 of the *IEEE-SA Standards Board Bylaws*, the Submitter becomes aware of additional Patent Claims not already covered by an existing Letter of Assurance that are owned, controlled, or licensable by the Submitter that may be or become Essential Patent Claims with respect to the standard identified in C above, the Submitter agrees to submit a Letter of Assurance stating its position regarding enforcement or licensing of such Patent Claims.

Print name of authorized person: M. Bruno Sportisse

Title of authorized person: Technology Transfer and Innovation Department Director

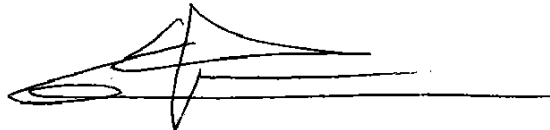
Signature of authorized person:  Date: 02/11/08

Address: Domaine de Voluceau - BP 105 - 78153 Le Chesnay Cedex - France

Phone: +33 1 39 63 5134 E-mail: bruno.sportisse@inria.fr

*Note: This assurance applies from the date of the standard's approval to the date of the standard's withdrawal and is irrevocable upon acceptance by the IEEE-SA.*

*The IEEE Patent Policy and the procedures used to execute that policy are documented in the IEEE-SA Standards Board Bylaws and the IEEE-SA Standards Board Operations Manual, available at <http://standards.ieee.org/resources/index.html#guides>. The terms and definitions set forth in the IEEE Patent Policy, IEEE-SA Standards Board Bylaws, and IEEE-SA Standards Board Operations Manual in effect as of the date of this Letter of Assurance are incorporated herein.*

**Letter of assurance for essential patent claims of INRIA(continued)****Patent/Application/Docket Number : EP 0862298****Description/Title (optional) : Installation of a radio data transmission network with routing****Patent/Application/Docket Number : EP 0849914****Description/Title (optional) : Collision detection by transmitting data over a radio network****Patent/Application/Docket Number : US 6023457****Description/Title (optional) : Data transmission installation of the radio network type and corresponding method**

Luc Grateau

INRIA

Intellectual Assets Management and Transfer Office Director