

LETTER OF ASSURANCE FOR ESSENTIAL PATENTS

Please return or FAX to: Secretary, IEEE-SA Standards Board Patent Committee
 Institute of Electrical and Electronics Engineers, Inc.
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 Piscataway, NJ 08855 USA
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No license is implied by submission of this Letter of Assurance

A. PATENT HOLDER/ORGANIZATION:

Legal Name of Organization: Agere Systems Inc.

B. PATENT HOLDER'S CONTACT FOR LICENSE APPLICATION:

Name & Department: Vinay M Pathare, Manager - Licensing, Intellectual Property
 Address: 1100 American Parkway NE, Room 12C-347, Allentown, PA 18109
 Telephone: (610)712-5906 Fax: (610)712-3467 E-mail: pathare@agere.com

C. IEEE STANDARD or PROPOSED IEEE STANDARD:

Number: IEEE 802.11n
 Title: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications: Enhancements for Higher Effective Throughput

D. PATENT HOLDER'S POSITION REGARDING LICENSING ESSENTIAL PATENT RIGHTS:

If the Patent Holder owns or controls granted patent(s) and/or pending applications that it believes may be infringed by compliance with the Proposed IEEE Standard, please specify the patent number, published application, and/or relevant claims. (A patent search is not required.)

Patent Number(s) (if known): Unknown

Relevant Claims (optional): _____

The Patent Holder states that its position with respect to licensing such patent(s) is as follows (check one box only):

1. The Patent Holder is prepared to grant a free license to an unrestricted number of applicants on a worldwide, non-discriminatory basis to comply with the [Proposed] IEEE Standard.
2. The Patent Holder is prepared to grant a license to an unrestricted number of applicants on a worldwide, non-discriminatory basis and on reasonable terms and conditions to comply with the [Proposed] IEEE Standard.
3. The Patent Holder is unwilling to grant licenses according to the provisions of either 1 or 2 above.
4. I am not aware of any patent(s) and/or patent claim(s) that my company may hold that would be relevant to the subject matter of the [Proposed] Standard.

E. SIGNATURE:

Print name of authorized person: Kapil A. Kumar

Title of authorized person: Director - Licensing, Intellectual Property

Signature of authorized person: Kapil A. Kumar Date: 9/13/04

Note: This assurance applies from the date of the standard's approval to the date of the standard's withdrawal and is irrevocable during that period.