

### 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.  
445 Hoes Lane  
Piscataway, NJ 08855 USA  
FAX (+1 732-562-1571)

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

**1. PATENT HOLDER/ORGANIZATION:**

Legal Name of Organization: WI-LAN Inc.

**2. PATENT HOLDER'S CONTACT FOR LICENSE APPLICATION:**

Name & Department: Hatim Zaghoul  
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**3. IEEE STANDARD or PROPOSED IEEE STANDARD:**

Number: IEEE 802.16 (Including amendments 802.16a and 802.16b)  
Title: Air Interface for Fixed Broadband Wireless Access Systems

**4. 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): 5,282,222 (US), 2,084,975 (Canada)

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.

*Note: The Patent Holder is not deemed to discriminate for denying a license based on pending or ongoing patent litigation with an applicant. It is not deemed unreasonable for the Patent Holder to include a reciprocity requirement within the license.*

- 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

**5. SIGNATURE**

Print name of authorized person: Hatim Zaghoul

Title of authorized person: CEO, WI-LAN Inc.

Signature of authorized person: *H. Zaghoul* Date: March 20, 2002

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.