

### 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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#### A. PATENT HOLDER/ORGANIZATION:

Legal Name of Organization: IBM Corporation

#### B. PATENT HOLDER'S CONTACT FOR LICENSE APPLICATION:

Name & Department: Director of Licensing  
Intellectual Property & Licensing  
Address: North Castle Drive, Armonk, NY 10504  
Telephone: 914-786-4369 Fax: 914-786-4380 E-mail: gtlans@us.ibm.com

#### C. IEEE STANDARD or PROPOSED IEEE STANDARD:

Number: P802-11  
Title: Information Technology - Telecommunications and Information Exchange between systems - Local and Metropolitan Area Networks - Specific Requirements - Part II

#### 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): U.S. Patent 5673318

Patent Title: Method and Apparatus for Data Authentication in a Data Communications Environment, Published September 30, 1997  
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. IBM has not determined the essentiality of this patent. Should there be claims infringed upon implementation, IBM will grant licenses.
- 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: Gerald T. Lane

Title of authorized person: Director of Standards - Intellectual Property & Licensing

Signature of authorized person: *Gerald T. Lane* Date: May 7, 2003

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.

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