

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 Hoos Lane
 Piscataway, NJ 08854 USA
 FAX (+1 732-875-0524)

No license is implied by submission of this Letter of Assurance

A. PATENT HOLDER/ORGANIZATION:

Legal Name of Organization: Hewlett-Packard Development Company, L.P.

B. PATENT HOLDER'S CONTACT FOR LICENSE APPLICATION:

Name & Department: Mitchell Abrams
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 URL: _____

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C. IEEE STANDARD or PROPOSED IEEE STANDARD:

Number: IEEE 802.3an
 Title: Amendment: Physical Layer and Management Parameters for 10Gb/s Operation -Type 10G BASE-T

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

In accordance with Clause 6 of the *IEEE-SA Standards Board Bylaws*, the Patent Holder hereby declares that its licensing position with respect to any patent(s) and/or patent application(s) that it may hold or control, the use of which would be essential to create a compliant implementation of the [Proposed] IEEE Standard identified above, is as follows (*check one box only*):

1. The Patent Holder is prepared to grant a license without compensation to an unrestricted number of applicants on a worldwide, non-discriminatory basis with reasonable terms and conditions to comply with the [Proposed] IEEE Standard.
2. The Patent Holder is prepared to grant a license under reasonable rates to an unrestricted number of applicants on a worldwide, non-discriminatory basis with 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. The Patent Holder states that, without conditions, it will not enforce any of its present or future patent(s) against any person or entity creating a compliant implementation of the [Proposed] IEEE Standard.
5. I am not aware of any patent(s) and/or patent application(s) that my company may hold or control that would be essential to create a compliant implementation of the [Proposed] IEEE Standard.

[Note: Completion of the following section is optional. Nothing in this Letter of Assurance shall be interpreted as giving rise to a duty to conduct a patent search.]

If the Patent Holder owns or controls patent(s) and/or application(s) that it believes may be essential to create a compliant implementation of the [Proposed] IEEE Standard, please specify the following:

Patent/Application Number: 6,175,865
 Title: Apparatus for Automatically Configuring network media connections

Patent/Application Number: 6,460,078
Title: Apparatus for Automatically Configuring Media Connectors of a Node Interface Device

Patent/Application Number: 10/099,372
Title: Apparatus & Method for Automatically switching media connections when operating in forced speed and duplex mode
Use additional pages, as necessary.

E. SIGNATURE:

Print name of authorized person: SHANE ROBISON

Title of authorized person: Manager, HPQ Holdings, LLC, its General Partner

Signature of authorized person:  Date: AUGUST 12, 2005

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.

Application Number: 10/829,522
Title: Apparatus and Method for Configuring Network Media Connections