

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: Hewlett-Packard Company _____

2. PATENT HOLDER'S CONTACT FOR LICENSE APPLICATION:

Name & Department: Alan Berkema _____
Address: 8000 Foothills Blvd. Roseville, Ca 95747 _____
Telephone: 916 785-5605 _____ Fax: _____ E-mail: alan_berkema@hp.com_

3. IEEE STANDARD or PROPOSED IEEE STANDARD:

Number: _____
Title: IEEE ISTO Printer Working Group Print Service Interface Specification _____

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): Applications Pending _____

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: Don Ciaglo _____

Title of authorized person: Device Connectivity Research and Development Lab Manager____

Signature of authorized person: _____ Date: _____