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07-13-1999 FORM PTO-1596 10 · 1 · 98 U.S. DEPARTMENT OF COMMERCE | 1888 | HAI 1888 | HAI 1889 | HAI 1888 | HAI 1889 | Patent and Trademark Office **DOCKET NO.: 1509-073** 101088585 documents or copy thereto: To the Honorable Commissioner of Patents 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Name: Hewlett-Packard Company Hewlett-Packard Limited Internal Address: Additional name(s) of conveying party(ies) attached? Yes x No 3. Nature of conveyance: Street Address: 3000 Hanover Street X Assignment Merger Change of Name Security Agreement City: Palo Alto State/Country: CA ZIP: 94304 Other Additional name(s) & address(es) attached? _ Yes Execution Date: September 17, 1998 4. Application number(s) or patent number(s): If the document is being filed together with a new application, the execution date of the application is: September 3, 1998 B. Patent No(s). A. Patent Application No(s). Additional numbers attached? ___ Yes _x _No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: 1 concerning document should be mailed: \$40.00 **E** Name: LOWE HAUPTMAN GOPSTEIN GILMAN & BERNER 7. Total Fee (37 CFR 3.41)..... x Enclosed Internal Address: Authorized to be charged to deposit account Street Address: 2034 Eisenhower Avenue, Suite 200 8. Please charge any additional fee or credit any overpayment to Deposit account number: 07-1337 City: Alexandria State:VA DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Allan M. Lowe, Registration No. 19,641 Name and Registration No. of Person Signing Total number of pages comprising cover sheet: 1 CMB No. 0851-0011 (exp. 4/94)

> PATENT REEL: 010077 FRAME: 0105

ASSIGNMENT

WHEREAS, Hewlett-Packard Limited (a British Company of Bracknell, England) is, by operation of Section 39 of the United Kingdom Patents Act of 1977 relating to employee inventions, the first owner of the invention entitled "Transmitting Messages Over A Network" devised by Wenbo Mao and subject of a patent application first filed before the European Patent Office on 1st April 1996 and numbered 96302319.7.

NOW, THEREFORE, in accordance with an agreement between Hewlett-Packard Limited and Hewlett-Packard Company (a Delaware corporation having its principal place of business in Palo Alto, California), Hewlett-Packard Limited hereby, in all non-European countries except for those countries or territories in which a granted European Patent (UK) or UK patent may be registered, assigns to Hewlett-Packard Company, its successors and assigns, the right of priority under the above identified Application and the right to file and prosecute an application for Letters Patent in each of these countries, including, in particular, the Application for United States Letters Patent entitled:

and executed by the inventors named below on the dates indicated:

executed by Wenbo Mao

executed by

(5th inventor) on

executed by

(6th inventor) on

and the right to obtain Letters Patent in each of these countries and the right, title and interest in such Letters Patent to the extent agreed between Hewlett-Packard Limited and Hewlett-Packard Company.

IN WITNESS WHEREOF, this assignment is executed by a duly authorised representative of Hewlett-Packard Limited

Signed:

By: David Graeme Coker

Title: Senior Patent Attorney

Date: 17/9/98

PATENT REEL: 010077 FRAME: 0106