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U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office PATENTS ONLY DOCKET NO atents and Trademarks: Please record the attached original documents or copy thereto: To the Honorable Commissioner Name and address of receiving party: 1. Name of conveying party: HEWLETT-PACKARD DEVELOPMENT Name: HP Centre de Compérences Pra COMPANY, L.P. 20555 S.H. 249 Houston, TX 77070 3. Nature of conveyance: □ Merger ■ Assignment ☐ Security Agreement ☐ Change of Name □ Other Additional name(s) & address(es) attached? ☐ Yes ☒ No Execution Date: September 16, 2003 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: August 15, 2003; September 16, 2003 B. Patent No(s). A. Patent Application No(s). 10/444,096 filed May 23, 2003 Additional numbers attached? Yes No Name and address of party to whom correspondence Total number of applications and patents involved: one concerning document should be mailed: Total fee (37 CFR 3.41) \$ _40.00 Enclosed LOWE HAUPTMAN GILMAN & BERNER Authorized to be charged to deposit account Internal Address: Credit Card payment form enclosed Deposit account number: 07-1337 Street Address: 1700 Diagonal Road, Suite 300 City: Alexandria State: VA Zip: 22314 DO NOT USE THIS SPACE 9. Signature. October 15, 2003 Allan M. Lowe, 19,641 Date Name of Person, Registration No. 2 Total number of pages including cover sheet, attachment, and document:

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PATENT REEL: 014618 FRAME: 0998

ASSIGNMENT

WHEREAS, HP Centre de Compétences France S.A.S (a French company having its principal place of business in Les Ulis) is, by operation of Article L 611.7 of the French Intellectual Property Code of 1992 relating to employee inventions, an owner of the invention

Improvements In Or Relating To Computer Programs

devised by:

Lionel KYRIAKIDES and Sebastien BOUAT

(inventors names)

NOW, THEREFORE, in accordance with an Agreement between HP Centre de Compétences France S.A.S and Hewlett-Packard Development Company, L.P. (a Texas Limited Partnership having its principal place of business in Houston, Texas), HP Centre de Compétences France S.A.S hereby perfects the assignment Hewlett-Packard Development Company, L.P., its successors and assigns, of (a) its right to file and prosecute an application for Letters Patent in each country worldwide, including, in particular, the Letters Patent for United States Patent Application serial number 10/444096, filed on May 23, 2003, entitled:

Improvements In Or Relating To Computer Programs

and executed by the below named inventors on the indicated dates

executed by Lionel KYRIAKIDES	on Sep 16, 2003
executed by Sebastien BOUAT	on Sep 15, 2003
executed by	on
executed by	on
executed by	on

and (b) its right to claim any and all priority rights, especially from the first-filed patent or utility model applications, relative to the above-identified invention, as well as (c) its right to obtain Letters Patent in each country and the right, title and interest in such Letters Patent as consistent with the Agreement between HP Centre de Compétences France S.A.S and Hewlett-Packard Development Company, L.P.

IN WITNESS WHEREOF, this Assignment is executed by a duly authorized representative of HP Centre de Compétences France S.A.S. 2 Mond. Serie Connel, 19 16/9/2003

By:

Title:

Date:

RECORDED: 10/17/2003

HP Case No.: 500111254-2 US

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> PATENT REEL: 014618 FRAME: 0999