Docket No.: JP920040072US1 11-01-2004 FOR TPTO-1595 (Modified) U.S. DEPARTMENT OF COMMERCE **EET** (Rev. 03-01) Patent and Trademark Office OMB No. 0651-0027 (exp.5/31/2002) P08A/REV03 Tab settings → → 102871838 To the Director of the United States Patent and Trademark Office: riease record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): Name of conveying party(ies): Apurva Kumar 10.25-04 Name: International Business Machines Corporation Address: New Orchard Road ☐ Yes ☒ No Additional names(s) of conveying party(ies) Nature of conveyance: Merger ☐ Change of Name City: Armonk State/Prov.: New York ☐ Security Agreement ☐ Other _ Country: USA ZIP: 10504 Execution Date: September 27, 2004 ☐ Yes Additional name(s) & address(es) □ No 4. Application number(s) or patent numbers(s): If this document is being filed together with a new application, the execution date of the application is: September 27, 2004 Patent Application No. Filing date B. Patent No.(s) 10972740 ☐ Yes ☐ No Additional numbers 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: Mohammad S. Rahman, Esq. 7. Total fee (37 CFR 3.41):....\$ 40.00 43,029 Registration No. Enclosed - Any excess or insufficiency should be credited or debited to deposit account Address: McGinn & Gibb, PLLC Authorized to be charged to deposit account 2568-A Riva Road, Suite 304 11/01/2004 ECOOPER 00000027 090441 10972740 8. Deposit account number: 01 FC:8021

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9. Statement and signature.

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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.

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October 25, 2004

Date

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IBM Docket No JP920040072US1

ASSIGNMENT

Whereas, I/We,

Apurva Kumar

of C-86 First Floor, Shivalik, New Delhi, India

have invented certain improvements in:

Distributed Directory Replication

and executed a United States patent application therefor on even date

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM) desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I/We the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and I/We request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Inventor's Signature:

Apurva Kumar

Date: September 27, 2004

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PATENT
RECORDED: 10/25/2004 REEL: 015930 FRAME: 0815