Docket No.: JP920030227US1 FORM PTO-1595 (Modified) 02-23-2004 EET U.S. DEPARTMENT OF COMMERCE (Rev. 03-01) Patent and Trademark Office OMB No. 0651-0027 (exp.5/31/2002) P08A/REV03 Tab settings 102675230 the attached original documents or copy thereof. To the Director of the United States F 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): (1) Vinayaka D. Pandit Name: International Business Machines Corporation (2) Raghavendra U. Udupa Address: New Orchard Road ☐ Yes ☒ No Additional names(s) of conveying party(ies) 3. Nature of conveyance: ☑ Assignment ☐ Merger State/Prov.: NY City: Armonk ☐ Change of Name ☐ Security Agreement ZIP: 10504 Country: USA Other Execution Date: 01/15/04 Additional name(s) & address(es) ☐ Yes XI 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: 01/15/04 B. Patent No.(s) Filing date Patent Application No. 10/777806 ☐ 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 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 8. Deposit account number: Suite 304 09-0441 City: Annapolis State/Prov.: MD (Attach duplicate copy of this page if paying by deposit account) ZIP: 21401 Country: USA 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 🧸 of the original document. Mohammad S. Rahman

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IBM Docket No JP920030227US1

ASSIGNMENT

Whereas, ₩We,

Signed and sealed

Vinayaka D. Pandit

of 122, First Floor, Navjeevan Vihar, New Delhi 110-017, India

Raghavendra U. Udupa

of C-201, First Floor, Sarvodaya Enclave, New Delhi 110-017, India

have invented certain improvements in:

FINGERPRINT MATCHING METHOD AND SYSTEM

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:	Vinayaka D. Pandit Vinayaka D. Pandit
Date: January	15, 2004
Signed and sealed	
Inventor's Signature:	Raghavendra U. Udupa
Date: January	15,2004

Document3

PATENT RECORDED: 02/12/2004 REEL: 014989 FRAME: 0893