10-12-2006



Docket No.: END920060212US1

(CityM PTO-1595 (Modulpul) (Riny 03-01) OMA No 0651 0027 (uxp 6/31/2002) POP(ATIC)/04	R 1033	U S. DEPARTMENT OF COMMERCE Patent and Trademark Office
Tab cettings * * * * * * To the Director of the United States Pat	··· Y	ice: Please record the attached original documents or copy thereof.
Name of conveying party(ies): Richard Gregory Bednar Jing-Tan T. Chen		Name and address of receiving party(ios): Name: International Business Machines Corporation
3, Barna Kahf 4, Gantam Majamdar		Address: New Orchard Road
Additional names(s) of convoying party(ics)	∐ Yes ⊠ No	
3. Nature of conveyance:		
☐ Assignment ☐	Merger	
	Change of Name	City: Armonk State/Prov.: New York
Execution Date (1) 09/20/06.	maki Vi i i	Country: USAZIP: 10504
3) 09/26/06, 4		Additional name(s) & address(cs) ☐ Yes ☒ No
4. Application number(s) or patent number	rs(s):	
If this document is being filed together with	n a new application, I	he execution date of the application is:
Patent Application No. Filing d	ato	B. Patent No.(s)
11/53-4,700 09/25/20	06	
	Additional numbers	Yes 🖾 No
Name and address of party to whom correspondence concerning document should be mailed:		6. Total number of applications and patents involved:
Name: Customer No.: 30449		7. Total fee (37 CFR 3.41):\$ 40.00
Registration No.		 Enclosed - Any excess or insufficiency should be credited or debited to deposit account
		Authorized to be charged to deposit account
		8. Deposit account number:
City: State	/Prov.;	19-0513
Country: ZIP		(Attach duplicate copy of this page if paying by deposit account)
9. Statement and signature. To the bost of my knowledge and belief of the original document.		nation is true and correct and any attached copy is a true copy
Jack P. Friedman, Ph.D. Name of Person Signing		Signature Date

umber of pages including cover sheet, altachments, and document:

Mail documents to be recorded with required cover shoot information to:

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Director of the United States Palent and Trademark Office

P.O. Dox 1450, Alexandria, VA. 22313-1450

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1 09/25/2006 500155593

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Richard Gregory Bednar	09/20/2006
Jing-Tan T. Chen	09/23/2006
Baraa Kahf	09/21/2006
Gautam Majumdar	09/21/2006

RECEIVING PARTY DATA

Name:	International Business Machines Corporation
Street Address:	New Orchard Road
City:	Armonk
State/Country:	NEW YORK
Postal Code:	10504

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11534700

CORRESPONDENCE DATA

Fax Number: (518)220-1857

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Correspondent Name: Jack P. Friedman-Schmeiser, Olsen &Watts

Address Line 1: 22 Century Hill Drive, Suite 302 Address Line 4: Latham, NEW YORK 12110

ATTORNEY DOCKET NUMBER:	END920060212US1
NAME OF SUBMITTER:	Jack P. Friedman

Total Attachments: 5

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PATENT ASSIGNMENT FORM

For and in consideration of good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned inventor acknowledges his/her prior and ongoing obligation to sell, assign, and transfer, and agrees to sell, assign, and transfer the entire world wide right, title and interest for the United States and all foreign countries, in and to any and all inventions and improvements conceived during and within the scope of his/her employment, and further acknowledges that he/she has sold, assigned, and transferred, and hereby sells, assigns, and transfers, unto:

INTERNATIONAL BUSINESS MACHINES CORPORATION Armonk, New York 10504

a corporation of New York, and IBM desires to acquire all right, title, and interest, in and to the certain inventions (identified below), applications, and any United States and foreign patents to be obtained therefore relating to:

as set forth in United States Patent Application executed by each undersigned inventor on the date indicated by each inventor signature below, and further identified by **Attorney Docket Number**

be granted as fully and entirely as would have been held and enjoyed by the undersigned had this

Assignment not been made;

Title of Invention for United States Patent

FILE ATTACHMENT PROCESSING METHOD AND SYSTEM

(select one): executed concurrently herewith or \underline{X} Serial No Filed on
for and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States and foreign patents and all rights of priority to be obtained therefore which may issue on any such application or for said invention therein disclosed,
including any and all reissues or extensions thereof, to be held and enjoyed by, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may

Each undersigned inventor hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to IBM, its successors and assigns, in accordance herewith;

Each undersigned inventor warrants and covenants that he/she has the full and unencumbered right to sell and assign the interests hereby sold and assigned and that he/she has not executed and will not execute any document or instrument in conflict herewith:

Each undersigned inventor further covenants and agrees that he/she, upon the request and at the expense of the IBM, will execute and deliver any papers, make all rightful oaths, testify in any legal proceeding relating to said inventions and improvements, communicate to the IBM all facts known to the undersigned relating to such inventions and improvements and the history thereof; and perform all other lawful acts deemed necessary or desirable by IBM, and its legal representatives, to secure, maintain, and enforce patent protection for such inventions and improvements and for vesting title to such inventions and improvements in the IBM, and in particular to perfect title to said above-identified certain inventions, and applications including divisions and continuations thereof, and any and all Letters Patent which may be granted therefore or thereon, including reissues, extensions, or counterparts;

Each undersigned inventor hereby grants the IBM and the firm of the power to insert in this Assignment any further identification which may be necessary or desirable for recordation of this Assignment. This assignment is governed by the substantive laws of the state of New York.

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PATENT DOCKET NO.: END920060212US1

Executed by Inventor 1 of 4

Glichard Gregory Bednar)

152han Date: 9-20-06

2

PATENT DOCKET NO.: END920060212USI

Executed by Inventor 2 of 4

Signature: Date: 9/23/2016.
(Jing-Tan T. Chen)

3

PATENT

DOCKET NO.: END920060212USI

Executed by Inventor 3 of 4

____ Date: <u>9/26/2006</u>

4

P 5/9

PATENT

DOCKET NO.: END920060212US1

Executed by Inventor 4 of 4

(Gautam Majumdar)

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