

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Maria Arbusto	01/15/2008
Robi Brunner	02/20/2008
Thomas J Burris	02/20/2008
Melania Degeratu	01/17/2008
James R. Doran	01/15/2008
Sarah N. Goldman	01/17/2008
Brian D. Goodman	01/18/2008
Brian P. Olore	01/15/2008
Aroopratan D. Pandya	01/15/2008
Chen Shu	03/31/2008
Matthew S. Starr	01/15/2008

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12013824

CORRESPONDENCE DATA

Fax Number: (914)945-3281

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

Phone: 9149453243

Email: angelmal@us.ibm.com

Correspondent Name: IBM Corporation

PATENT

500508202

REEL: 020770 FRAME: 0746

CH \$40.00 12013824

Address Line 1: 1101 N. Kitchawan Road
Address Line 2: P.O. Box 218
Address Line 4: Yorktown Heights, NEW YORK 10598

ATTORNEY DOCKET NUMBER:	YOR920080003US1
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NAME OF SUBMITTER:	Derek S. Jennings
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Total Attachments: 12

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RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Maria Arbusto 1/15/08; Robi Brunner 2/20/08; Thomas J. Burris
2/20/08; Melania Degeratu 1/17/08; James R. Doran 1/15/08;
Sarah N. Goldman 1/17/08;

Additional name(s) of conveying party(ies) attached? ☒ Yes ☐ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) see above

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: IBM CORPORATION

Internal Address: _____

Street Address: New Orchard Road

City: Armonk

State: New York

Country: U.S. Zip: 10504

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

A. Patent Application No.(s)
12/013,824

☐ This document is being filed together with a new application.
B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: IBM CORPORATION, Intellectual Property Law Dept.

Internal Address: Derek S. Jennings

Street Address: P.O. Box 218

City: Yorktown Heights

State: N.Y. Zip: 10598

Phone Number: (914) 945-2144

Fax Number: (914) 945-3281

Email Address: _____

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 09-0468

Authorized User Name Derek S. Jennings

9. Signature:

/Derek S Jennings/

Signature

April 8, 2008

Date

Derek S. Jennings, Registration No.: 41,473

Name of Person Signing

Total number of pages including cover
sheet, attachments, and documents:

13

1. Name of Conveying Party(ies) Continued:

Brian D. Goodman 1/18/08; Brian P. Olore 1/15/08;
Aroopratan D.Pandya 1/15/08; Chen Shu 3/31/08
and Matthew S. Starr 1/15/08

Assignment

INVENTOR AND CITY	Whereas, we (1) Maria Arbusto County of Kings	of Brooklyn and State of New York
INVENTOR AND CITY	(2) Robi Brunner County of Middlesex	of Cambridge and State of Massachusetts
INVENTOR AND CITY	(3) Thomas J. Burris County of Kings	of Brooklyn and State of New York
INVENTOR AND CITY	(4) Melania Degeratu County of Middlesex	of South Plainfield and State of New Jersey
INVENTOR AND CITY	(5) James R. Doran County of Litchfield	of New Milford and State of Connecticut
INVENTOR AND CITY	(6) Sarah N. Goldman County of Kings	of Brooklyn and State of New York
INVENTOR AND CITY	(7) Brian D. Goodman County of New York	of New York and State of New York
INVENTOR AND CITY	(8) Brian P. Olore County of Monmouth	of Middletown and State of New Jersey
INVENTOR AND CITY	(9) Aroopratan D. Pandya County of Dutchess	of Hopewell Junction and State of New York
INVENTOR AND CITY	(10) Chen Shu County of New Haven	of Southbury and State of Connecticut
INVENTOR AND CITY	(11) Matthew S. Starr County of Broome	of Vestal and State of New York

have invented certain improvements in:

TITLE

SYSTEM AND METHOD FOR A TAGGING SERVICE

	and executed, respectively, a United States patent application therefor on			
DATES THAT	(1)	2008,	(2)	2008,
INVENTORS	(3)	2008,	(4)	2008,
SIGNED THE	(5)	2008,	(6)	2008,
DECLARATION	(7)	2008,	(8)	2008,
	(9)	2008 and	(10)	2008,
	(11)	2008		

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, 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 we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said applications to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed and sealed

CITY AND ~~Brooklyn~~ (1) at New York
DATE 15 on January 2007, Maria Arbusto SIGNATURE
(Maria Arbusto) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND (2) at
DATE on 2007, _____ SIGNATURE
(Robi Brunner) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND (3) at
DATE on 2007, _____ SIGNATURE
(Thomas J. Burris) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND (4) at

have invented certain improvements in:

TITLE SYSTEM AND METHOD FOR A TAGGING SERVICE

	and executed, respectively, a United States patent application therefor on		
DATES THAT	(1)	2008,	(2) 2008,
INVENTORS	(3)	2008,	(4) 2008,
SIGNED THE	(5)	2008,	(6) 2008,
DECLARATION	(7)	2008,	(8) 2008,
	(9)	2008 and	(10) 2008,
	(11)	2008	

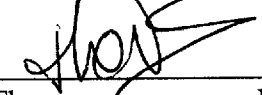
Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents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

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, 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 we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said applications to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed and sealed

CITY AND	(1) at			
DATE	on	2007,	_____	SIGNATURE
			(Maria Arbusto)	INVENTOR
			FIRST NAME MIDDLE INITIAL LAST NAME	

CITY AND	(2) at			
DATE	on	2007,	_____	SIGNATURE
			(Robi Brunner)	INVENTOR
			FIRST NAME MIDDLE INITIAL LAST NAME	

CITY AND	(3) at Brooklyn, NY			
DATE	on 2/20 February 20,	2007,		SIGNATURE
			(Thomas J. Burris)	INVENTOR
			FIRST NAME MIDDLE INITIAL LAST NAME	

CITY AND (4) at

(JOINT FORM)

(IBM Docket) YOR920080003US1

DATE on 01/17/2008 M. Degeratu SIGNATURE
(Melania Degeratu) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND DATE (5) at on 2007, _____ SIGNATURE
(James R. Doran) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND DATE (6) at on 2007, _____ SIGNATURE
(Sarah N. Goldman) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND DATE (7) at on 2007, _____ SIGNATURE
(Brian D. Goodman) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND DATE (8) at on 2007, _____ SIGNATURE
(Brian P. Olore) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND DATE (9) at on 2007, _____ SIGNATURE
(Aroopratan D. Pandya) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND DATE (10) at on 2007, _____ SIGNATURE
(Chen Shu) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND DATE (11) at on 2007, _____ SIGNATURE
(Matthew S. Starr) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

(JOINT FORM)

(IBM Docket) YOR920080003US1

DATE on 2007, _____ SIGNATURE
(Melania Degeratu) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND DATE (5) at on 2007, _____ SIGNATURE
(James R. Doran) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND DATE (6) at on 2007, _____ SIGNATURE
(Sarah N. Goldman) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND DATE (7) at on 2007, _____ SIGNATURE
(Brian D. Goodman) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND DATE (8) at on 2007, _____ SIGNATURE
(Brian P. Olore) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND DATE (9) at on 2007, _____ SIGNATURE
(Aroopratan D. Pandya) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND DATE (10) at on 2007, _____ SIGNATURE
(Chen Shu) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND DATE (11) at on 2007, _____ SIGNATURE
(Matthew S. Starr) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

(JOINT FORM)

(IBM Docket) YOR920080003US1

DATE on 2007, _____ SIGNATURE
(Melania Degeratu) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND (5) at
DATE on 2007, _____ SIGNATURE
(James R. Doran) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND Brooklyn (6) at
DATE 01/17/08 on 2007,  SIGNATURE
(Sarah N. Goldman) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND (7) at New York
DATE on 01/18/08 2007,  SIGNATURE
(Brian D. Goodman) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND (8) at
DATE on 2007, _____ SIGNATURE
(Brian P. Olore) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND (9) at
DATE on 2007, _____ SIGNATURE
(Aroopratan D. Pandya) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND (10) at
DATE on 2007, _____ SIGNATURE
(Chen Shu) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND (11) at
DATE on 2007, _____ SIGNATURE
(Matthew S. Starr) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

PATENT

(JOINT FORM)

(IBM Docket) YOR920080003U51

(Robi Brunner)INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND
DATE
SIGNATURE

(3) at
on

2007, _____

(Thomas J. Burris)

INVENTOR

FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND
DATE
SIGNATURE

(4) at
on

2007, _____

(Melania Degeratu

)INVENTOR

FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND
DATE
SIGNATURE

(5) at
on

2007, _____

(James R. Doran)

INVENTOR

FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND
DATE
SIGNATURE

(6) at
on

2007, _____

(Sarah N. Goldman)

INVENTOR

FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND
DATE
SIGNATURE

(7) at
on

2007, _____

(Brian D.

Goodman) INVENTOR

FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND
DATE

(8) at
on

Middletown NJ
1/15/08 ~~2007~~

Brian T Olore

PATENT

REEL: 020770 FRAME: 0756

DATE on 2007, _____ SIGNATURE
(Melania Degeratu) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND (5) at
DATE on 2007, _____ SIGNATURE
(James R. Doran) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND (6) at
DATE on 2007, _____ SIGNATURE
(Sarah N. Goldman) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND (7) at
DATE on 2007, _____ SIGNATURE
(Brian D. Goodman) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND (8) at
DATE on 2007, _____ SIGNATURE
(Brian P. Olore) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

Approved J. I. M. 1-15-2008
CITY AND (9) at
DATE on

2007, *Aroopratan D. Pandya* SIGNATURE
(Aroopratan D. Pandya) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND (10) at
DATE on 2007, _____ SIGNATURE
(Chen Shu) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND (11) at
DATE on 2007, _____ SIGNATURE
(Matthew S. Starr) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

(JOINT FORM)

(IBM Docket) YOR920080003US1

DATE	on	2007,	_____ (Melania Degeratu) FIRST NAME MIDDLE INITIAL LAST NAME	SIGNATURE INVENTOR
CITY AND DATE	(5) at on	2007,	_____ (James R. Doran) FIRST NAME MIDDLE INITIAL LAST NAME	SIGNATURE INVENTOR
CITY AND DATE	(6) at on	2007,	_____ (Sarah N. Goldman) FIRST NAME MIDDLE INITIAL LAST NAME	SIGNATURE INVENTOR
CITY AND DATE	(7) at on	2007,	_____ (Brian D. Goodman) FIRST NAME MIDDLE INITIAL LAST NAME	SIGNATURE INVENTOR
CITY AND DATE	(8) at on	2007,	_____ (Brian P. Olore) FIRST NAME MIDDLE INITIAL LAST NAME	SIGNATURE INVENTOR
CITY AND DATE	(9) at on	2007,	_____ (Aroopratan D. Pandya) FIRST NAME MIDDLE INITIAL LAST NAME	SIGNATURE INVENTOR
CITY AND DATE	(10) at on	2007,	03/31/2008 <u>Chen Shu</u> (Chen Shu) FIRST NAME MIDDLE INITIAL LAST NAME	SIGNATURE INVENTOR
CITY AND DATE	(11) at on	2007,	_____ (Matthew S. Starr) FIRST NAME MIDDLE INITIAL LAST NAME	SIGNATURE INVENTOR

(JOINT FORM)

(IBM Docket) YOR920080003US1

DATE on 2007, _____ SIGNATURE
(Melania Degeratu) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND (5) at
DATE on 2007, _____ SIGNATURE
(James R. Doran) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

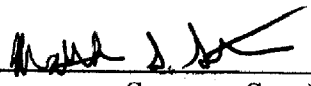
CITY AND (6) at
DATE on 2007, _____ SIGNATURE
(Sarah N. Goldman) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND (7) at
DATE on 2007, _____ SIGNATURE
(Brian D. Goodman) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

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DATE on 2007, _____ SIGNATURE
(Aroopratan D. Pandya) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND (10) at
DATE on 2007, _____ SIGNATURE
(Chen Shu) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND (11) at
DATE on 2008 Jan 15  _____ SIGNATURE
(Matthew S. Starr) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

PATENT

RECORDED: 04/08/2008

REEL: 020770 FRAME: 0759