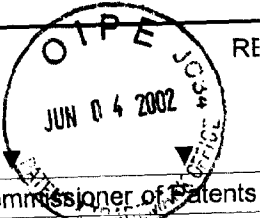


06-12-2002

cket No.: YOR920010641US1

FORM PTO-1595 (Modified)
(Rev. 03-01)
OMB No. 0651-0027 (exp. 5/31/2002)
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1. Name of conveying party(ies):

- 1) Liang-Jie ZHANG
- 2) Rama Kalyani Tirumala AKKIRAJU
- 3) Henry CHANG
- 4) Tian-Jy CHAO

6-4-02

2. Name and address of receiving party(ies):

Name: International Business Machines Corporation

Address: New Orchard Road

Additional names(s) of conveying party(ies)

Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

City: Armonk State/Prov.: NY

Country: USA ZIP: 10504

Additional name(s) & address(es)

Yes No

Execution Date: 1) 03/27/02; 2) 03/27/02; 3) 03/28/02;
4) 03/27/02; 5) 03/27/02; 6) 03/27/02;
7) 03/27/02; 8) 03/28/02;

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: 1) 03/27/02;
2) 03/27/02;
3) 03/28/02;
4) 03/27/02;
5) 03/27/02;
6) 03/27/02;
7) 03/27/02;
8) 03/28/02;

Patent Application No.	Filing date	B. Patent No.(s)
<u>10/107,837</u>	<u>March 28, 2002</u>	

<u>06/11/2002</u>	<u>GTON11</u>	<u>00000091</u>	<u>090457</u>	<u>10107837</u>	
<u>01</u>	<u>FC:581</u>	<u>40.00</u>	<u>CH</u>		Additional numbers

Yes No

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

Name: Frederick E. Cooperrider, Esq.

Registration No. 36,769

Address: McGinn & Gibb, PLLC
8321 Old Courthouse Road, Suite 200

City: Vienna State/Prov.: VA

Country: USA ZIP: 22182-3817

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):.....\$ 40.00

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Frederick E. Cooperrider

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Signature

June 4, 2002

Date

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PATENT
REEL: 012964 FRAME: 0482

- 5) **Jen-Yao CHUNG**
- 6) **David B. FLAXER**
- 7) **Jun-jang JENG**
- 8) **Pooja YADAV**

ASSIGNMENT

Whereas, we

Inventor and City	(1) County of	Liang-Jie Zhang Westchester	City of Cortlandt Manor and State of New York
	(2) County of	Rama Kalyani Tirumala Akkiraju Westchester	City of Yorktown Heights and State of New York
	(3) County of	Henry Chang Westchester	City of Scarsdale and State of New York
	(4) County of	Tian-Jy Chao Westchester	City of Bedford and State of New York
	(5) County of	Jen-Yao Chung Westchester	City of Yorktown Heights and State of New York
	(6) County of	David B. Flaxer Ulster	City of Accord and State of New York
	(7) County of	Jun-jang Jeng Westchester	City of Armonk and State of New York
	(8) County of	Pooja Yadav Mecklenburg	City of Charlotte and State of North Carolina

have invented certain improvements in

METHOD AND STRUCTURE FOR FEDERATED WEB SERVICE DISCOVERY SEARCH OVER MULTIPLE REGISTRIES WITH RESULT AGGREGATION

Dates That
Inventors
Signed the
Declaration

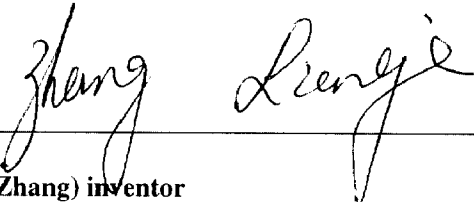
and have executed, respectively, a United States patent application therefor on

(1) ~~03/27/2002~~, (2) ~~03/27/2002~~, (3) ~~03/28/2002~~, (4) ~~03/27/2002~~, (5) ~~03/27/2002~~, (6) ~~03/27/2002~~,
(7) ~~03/27/2002~~, and (8) ~~03/28/2002~~.

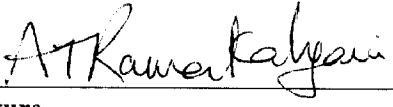
Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York, 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents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

City (1) Signed at Yorktown Heights
Date on 3/27/02


signature
(Liang-Jie Zhang) inventor

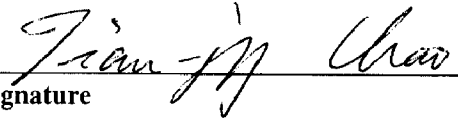
City (2) Signed at
Date on 3/27/2002


signature
(Rama Kalyani Tirumala Akkiraju) inventor

City (3) Signed at
Date on

signature
(Henry Chang) inventor

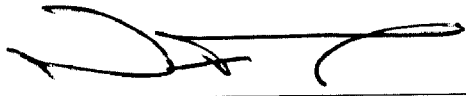
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Date on 3/27/2002


signature
(Tian-Jy Chao) inventor

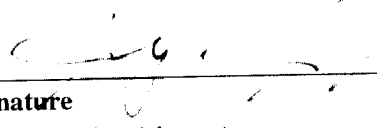
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Date on

signature
(Jen-Yao Chung) inventor

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Date on 3/27/2002


signature
(David B. Flaxer) inventor

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Date on 3/27/02


signature
(Jun-jang Jeng) inventor

City (8) Signed at
Date on

signature
(Pooja Yadav) inventor

City (1) Signed at

Date on

signature
(Liang-Jie Zhang) inventor

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Date on

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(Rama Kalyani Tirumala Akkiraju) inventor

City (3) Signed at

Date on

signature
(Henry Chang) inventor

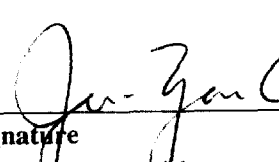
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signature
(Tian-Jy Chao) inventor

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City (3) Signed at

Date on 3/28/2002



signature
(Henry Chang) inventor

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Date on

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(Pooja Yadav) inventor

(IBM Docket No.: YOR920010641US1)

City (1) Signed at

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(Liang-Jie Zhang) inventor

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(Rama Kalyani Tirumala Akkiraju) inventor

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(Henry Chang) inventor

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signature
(Jun-jang Jeng) inventor

City (8) Signed at

Date on



signature
(Pooja Yadav) inventor