

09-12-2003

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RE

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OMB No. 0651-0027 (exp. 5/31/2002)



Tab settings

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

MARK E. EPSTEIN
HAKAN ERDOGAN
YUQUING GAO
MICHAEL A. PICHENY
RUHI SARIKAYA

9-5-03

2. Name and address of receiving party(ies)
INTERNATIONAL BUSINESS MACHINES CORPORATION
Name: _____

Internal Address: _____

Street Address: _____

City: ARMONK State: NY Zip: 10504

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

AUGUST 27, 2003;
SEPTEMBER 3, 2003;
AUGUST 27, 2003;
SEPTEMBER 2, 2003;
Execution Date: AUGUST 28, 2003

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

4. Application number(s) or patent number(s):

AUGUST 27, 2003; SEPTEMBER 3, 2003; AUGUST 27, 2003; SEPTEMBER 2, 2003; AUGUST 28, 2003

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

10455838

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: KEUSEY, TUTUNJIAN & BITETTO, P.C.

Internal Address: _____

Street Address: 14 Vanderventer Avenue, Suite 128

Port Washington State: NY Zip: 11050

6. Total number of applications and patents involved: 1

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

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

50-0510

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

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.

James J. Bitetto

Name of Person Signing

James J. Bitetto
Signature

9/5/03
Date

Total number of pages including cover sheet, attachments, and documents: 5

Mail documents to be recorded with required cover sheet information to:
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01 FC:0021

PATENT
REEL: 014472 FRAME: 0058

Assignment

Whereas, I/we

INVENTOR
AND CITY

(1) **Mark E. Epstein**
County of **Westchester**

of **Katonah**
and State of **New York**

INVENTOR
AND CITY

(2) **Hakan Erdogan**
County of **Istanbul**

of **Altunizade**
and Country of **Turkey**

INVENTOR
AND CITY

(3) **Yuqing Gao**
County of **Westchester**

of **Mount Kisco**
and State of **New York**

INVENTOR
AND CITY

(4) **Michael A. Picheny**
County of **Westchester**

of **White Plains**
and State of **New York**

INVENTOR
AND CITY

(5) **Ruhi Sarikaya**
County of **Westchester**

of **Shrub Oak**
and State of **New York**

have invented certain improvements in

TITLE

**SEMANTIC LANGUAGE MODELING AND CONFIDENCE
MEASUREMENT**

DATES THAT
INVENTORS
SIGNED THE
DECLARATION

and executed, respectively, a United States patent application
therefor on (1) *08/27/*, 2003; (2) *09/03*, 2003;
(3) *08/27/*, 2003; (4) *09/02/*, 2003; and (5) *08/28/*, 2003.

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 _____ 2003,

SIGNATURE _____
(Mark E. Epstein) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND (2) at Geneva, Switzerland

DATE on 9/3/ 2003,

SIGNATURE [Signature]
(Hakan Erdogan) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND (3) at _____

DATE on _____ 2003,

SIGNATURE _____
(Yuqing Gao) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

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 Yorktown Heights, NY

DATE

on 8/27/ 2003,

SIGNATURE

Mark E. Epstein
(Mark E. Epstein) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND

(2) at _____

DATE

on _____ 2003,

SIGNATURE

(Hakan Erdogan) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND

(3) at Yorktown Heights, NY

DATE

on 8/27/ 2003,

SIGNATURE

Yuqing Gao
(Yuqing Gao) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND

(4) at Yorktown Heights, NY

DATE

on 9/1 2003,

SIGNATURE

Michael A. Picheny
(Michael A. Picheny) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND

(4) at Yorktown Height NY

DATE

on 08/28 2003,

SIGNATURE

Ruhi Sarkaya
(Ruhi Sarkaya) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

3 of 3

HEURE DE RÉCEPTION 28. AUT. 16:04

HEURE D'IMPRESSION 28. AUT. 16:07