

11-12-2004



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1. Name of conveying party(ies):

- 1) Yuan-Chi Chang
- 2) Matthew L. Hill
- 3) Chung-Sheng Li

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: 1) 12/26/03 2) 11/25/03 3) 11/25/03

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

Name: International Business Machines Corporation

Address: New Orchard Road

City: Armonk State/Prov.: NY

Country: USA ZIP: 10504

Additional name(s) & address(es)

☐ Yes ☒ 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: 1) 11/26/03; 2) 11/25/03;

Patent Application No.

Filing date

B. Patent No.(s)

3) 11/25/03.

Additional numbers

☐ Yes ☒ No

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

Name: James E. Howard, Esq.

Registration No. 39,715

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Country: USA ZIP: 22182-3817

6. Total number of applications and patents involved:

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

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February 6, 2004

Date

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ASSIGNMENT

Whereas, we

Inventor
and City

(1) Yuan-Chi Chang
County of New York

(2) Matthew L. Hill
County of Westchester

(3) Chung-Sheng Li
County of Westchester

City of New York
and State of New York

City of Yonkers
and State of New York

City of Scarsdale
and State of New York

have invented certain improvements in

SYSTEM AND METHOD FOR INDEXING, SEARCHING AND RETRIEVING SEMANTIC OBJECTS

Dates That
Inventors
Signed the
Declaration

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

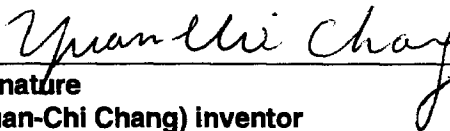
(1) 2003, (2) 2003, (3) 2003, .

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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 12 pm

Date on 12/26/2003



signature
(Yuan-Chi Chang) inventor

City (2) Signed at 5 pm

Date on 11/25/2003


signature
(Matthew L. Hill) inventor

City (3) Signed at 3PM
Date on 11/25/2003


signature
(Chung-Sheng Li) inventor