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Docket No.: 00280743AA

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To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Liang-Jie Zhang, Tian-Jy Chao, John Y. Sayah, Hung-Yang (Henry) Chang, Jen-Yao Chung and Qun Zhou

Additional names(s) of conveying party(ies) Yes No

2. Name and address of receiving party(ies):
Name: **International Business Machines Corporation**
Internal Address: _____
Street Address: _____
City: **Armonk** State: **NY** ZIP: **10504**
Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:
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Execution Date: **5/1/03;5/5/03;5/1/03;5/1/03;5/1/03;5/1/03**

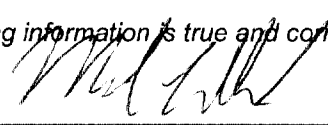
4. Application number(s) or patent numbers(s):
If this document is being filed together with a new application, the execution date of the application is: _____
A. Patent Application No.(s)
10/428,076 filed on May 2, 2003
Additional numbers attached? Yes No

B. Patent No.(s)

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: **Michael E. Whitham**
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08/13/2003 DBYRNE 00000103 10428076
01 FC:8021 40.00 OP
City: **Reston** State: **VA** ZIP: **20190**

6. Total number of applications and patents involved: **1**
7. Total fee (37 CFR 3.41):.....\$ **40.00**
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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.
Michael E. Whitham Reg no. 32,635  **August 8, 2003**
Name of Person Signing Signature Date
Total number of pages including cover sheet, attachments, and document: **3**

ASSIGNMENT

Whereas, we

- Inventor (1) **LIANG-JIE ZHANG**
County of Westchester City of Cortlandt Manor
and State of New York
- Inventor (2) **TIAN-JY CHAO**
County of Westchester City of Bedford
and State of New York
- Inventor (3) **JOHN Y. SAYAH**
County of Westchester City of Sleepy Hollow
and State of New York
- Inventor (4) **HUNG-YANG (HENRY) CHANG**
County of Westchester City of Scarsdale
and State of New York
- Inventor (5) **JEN-YAO CHUNG**
County of Westchester City of Yorktown Heights
and State of New York
- Inventor (6) **QUN ZHOU**
County of Westchester City of Cortlandt Manor
and State of New York

have invented certain improvements in

TITLE **SYSTEM AND METHOD OF DYNAMIC SERVICE COMPOSITION FOR BUSINESS PROCESS OUTSOURCING**

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

DATES THAT INVENTORS SIGNED THE DECLARATION	(1)	2003, (2)	2003,
	(3)	2003, (4)	2003,
	(5)	2003, and (6)	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 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.

(1) Signed and sealed
 CITY: at *Handhome*
 DATE: on *5/1/2003* 2003,

Liang Jie Zhang

 LIANG-JIE ZHANG SIGNATURE OF INVENTOR

(2) Signed and sealed
 CITY: at *Yorktown Hts*
 DATE: on *5/5/2003* 2003,

Tianjy Chao

 TIAN-JY CHAO SIGNATURE OF INVENTOR

(3)
 CITY: at Signed and sealed
 DATE: on 5/1/2003, *Hawthorne*

 JOHN Y. SAYAH SIGNATURE OF INVENTOR

(4)
 CITY: at Signed and sealed
 DATE: on 5/1/2003, *Yorktown Hts*

 HUNG-YANG (HENRY) CHANG SIGNATURE OF INVENTOR

(5)
 CITY: at Signed and sealed
 DATE: on 5/1/2003, *Yorktown Hts*

 JEN-YAO CHUNG SIGNATURE OF INVENTOR

(6)
 CITY: at *Hawthorne* Signed and sealed
 DATE: on 05/01/03 2003, *05/01/03*

 QUN ZHOU SIGNATURE OF INVENTOR