

Atty. Docket No. CN920040010US1

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1. Name of conveying party(ies):

Shi Xia Liu
Li Ping Yang

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

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

Name: International Business
Machines Corporation
Address: New Orchard Road
Armonk, NY 10504

Additional name(s) & addresses
attached? Yes X No

3. Nature of conveyance:

X Assignment

Execution Date(s): 08/22/05

4. Patent Application number(s)

11/188,194 (filed 07/22/2005)

Execution Date(s): 08/22/05

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

Name: Louis P. Herzberg
Address: 3 Cloverdale Lane
Monsey, N.Y. 10592

6. Total number of applications
involved: 1

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

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PATENT

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(JOINT FORM)

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Assignment

Whereas, we

INVENTOR
AND CITY (1) Shi Xia Liu of Beijing
China

INVENTOR
AND CITY (2) Li Ping Yang of Beijing
China

TITLE have invented certain improvements in
**CONSTRUCTING AND MAINTAINING A PERSONALIZED CATEGORY TREE,
DISPLAYING DOCUMENTS BY CATEGORY AND PERSONALIZED
CATEGORIZATION SYSTEM**

DATES THAT
INVENTORS
SIGNED THE
DECLARATION and executed, respectively, a United States patent application therefor on
(1) *Aug 22* 2005 and (2) *Aug. 22* 2005.

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
DATE (1) at *Beijing*
on *Aug. 22* 2005, *Shi Xia Liu* SIGNATURE
Shi Xia Liu
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND
DATE (2) at *Beijing*
on *Aug. 22* 2005, *Li Ping Yang* SIGNATURE
Li Ping Yang
FIRST NAME MIDDLE INITIAL LAST NAME

PATENT

RECORDED: 10/11/2005

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** TOTAL PAGE: 03 **