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OMB No. 0651-0027

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## 1 Name of conveying party(ies):

Hyo-Seop SHIN  
Hye-Soo LEE

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

Samsung Electronics Co., Ltd.  
416 Maetan-dong, Paldal-gu,  
Suwon-city, Kyungki-do,  
Republic of KoreaAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3 Nature of conveyance:

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

Execution Date: April 26, 2003

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

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

10428933

If this document is being filed together with a new application, the execution date of the application is: April 26, 2003

A. Patent Application No.(s)  
Not Yet AssignedB. Patent No.(s)  
Not Yet AssignedAdditional numbers attached? ☐ Yes ☒ No

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

SUGHRUE MION, PLLC

WASHINGTON OFFICE



23373

PATENT TRADEMARK OFFICE

## 6. Total number of applications and patents involved:

1

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

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# Assignment

Whereas, I/We, Hyo-seop Shin and Hye-soo Lee of  
612-1310 Gayang 6-danji Apt., 1485 Gayang 3-dong, Gangseo-gu,  
Seoul, Rep. of Korea and 107-104 Hyundai Apt., 43 Apgujeong-dong,  
Gangnam-gu, Seoul, Rep. of Korea

hereinafter called assignor(s), have invented certain improvements in

EXTENDED MARKUP LANGUAGE (XML) INDEXING METHOD FOR PROCESSING  
REGULAR PATH EXPRESSION QUERIES IN A RELATIONAL DATABASE AND A DATA  
STRUCTURE THEREOF

and executed an application for Letters Patent of the United States of America therefor on

26 April 2003; and

Whereas,

Samsung Electronics Co., Ltd.

416 Maetan-dong, Paldal-gu,

Suwon-city, Kyungki-do,

Republic of Korea

(assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended, and I/we request the Director - U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we hereby agree that the assignee may apply for foreign Letters Patent on the invention and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number \_\_\_\_\_ and Confirmation number \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known.

Date: Shin 26 April 2003  
s/ Hyo-seop Shin

Date: Lee 26 April 2003  
s/ Hye-soo Lee

Date: \_\_\_\_\_  
s/

Date: \_\_\_\_\_  
s/

Date: \_\_\_\_\_  
s/

⌞ (Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)