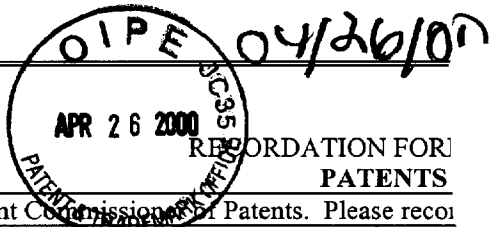


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Q55022

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Dong-Seek PARK and John VILLASENOR

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 yes no

2. Name and address of receiving party(ies)?
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416, Maetan-dong, Paldal-gu
Suwon-City, Kyungki-do
Republic of Korea

UNIVERSITY OF CALIFORNIA
300 Lakeside Drive, 22nd Floor
Oakland, California 94612-3550

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Names
 Other

Additional name(s) & address(es) attached?
 yes no

Execution Date: November 5, 1999 and April 13, 2000

4. Application number(s) or patent number(s):
If this document is being filed together with a new application, the execution date of the application is:
A. Patent Application No.(s)
09/393,362

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC
2100 Pennsylvania Avenue, N.W.
Suite 800
Washington, D.C. 20037-3213

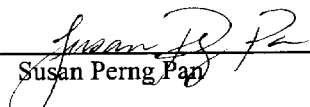
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1

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Assignment

Q-5022

Whereas, We, Dong-seek PARK and John VILLASENOR of Daegu, Republic of Korea and Los Angeles, CA., respectively, hereinafter called assignors, have invented certain improvements in ADAPTIVE MULTIPLEXING/DEMULTIPLEXING METHOD AND MULTIPLEXER/DEMULTIPLEXER USING THE SAME and executed an application for Letters Patent of the United States of America therefor on; and

Whereas, SAMSUNG ELECTRONICS CO., LTD. and UNIVERSITY OF CALIFORNIA, (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,

We, the above named assignors, 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, including the right to claim priority under 35 U.S.C. §119, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

We hereby authorize and request our attorneys SUGHRUE, MION, ZINN, MACPEAK & SEAS of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3212 to insert here in parentheses (Application number 09/393,362 , filed September 10, 1999) the filing date and application number of said application when known.

Date: 5 Nov. 1999


s/Dong-seek PARK

Date: 13 April 2000


s/John VILLASENOR

Date: _____

Date: _____

s/

Date: _____

s/

Date: _____

s/

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

8/92