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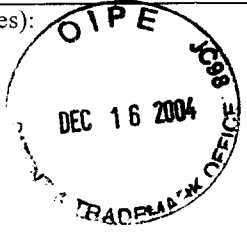


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To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Kyung-shik ROH
Woo-sup HAN
Woong KWON
Young-bo SHIM
Yeon-taek OH
Ki-cheol PARK



2. Name and address of receiving party(ies):
SAMSUNG ELECTRONICS CO., LTD.
416, Maetan-dong,
Yeongtong-gu,
Suwon-si, Gyeonggi do,
Korea

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

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: November 17, 2004

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

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)
10/919,493
B. Patent No.(s)
not yet assigned
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
SUGHRUE MION, PLLC
WASHINGTON OFFICE
23373
CUSTOMER NUMBER

6. Total number of applications and patents involved:
2
7. Total fee (37 CFR 3.41): \$80.00
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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.
Darryl Mexic
Darryl Mexic Reg. No. 23,063 December 16, 2004 Date

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12/20/2004 00000034 10919493

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Assignment

Whereas, We, **Kyung-shik ROH** of Seongnam-si, Gyeonggi-do, Republic of Korea, **Woo-sup HAN** of Yongin-si, Gyeonggi-do, Republic of Korea, **Woong KWON** of Seongnam-si, Gyeonggi-do, Republic of Korea, **Young-bo SHIM** of Seoul, Republic of Korea, **Yeon-taek OH** of Yongin-si, Gyeonggi-do, Republic of Korea and **Ki-cheol PARK** of Hwaseong-gun, Gyeonggi-do, Republic of Korea, hereinafter called assignors, have invented certain improvements in **METHOD OF CONSTRUCTING ARTIFICIAL MARK FOR AUTONOMOUS DRIVING, APPARATUS AND METHOD OF DETERMINING POSITION OF INTELLIGENT SYSTEM USING ARTIFICIAL MARK AND INTELLIGENT SYSTEM EMPLOYING THE SAME** and executed an application for Letters Patent of the United States of America therefor on November 17, 2004; and

Whereas, **SAMSUNG ELECTRONICS CO., LTD.**, of 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi 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,

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 Director of the 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 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, PLLC** of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number 10/919,493 and Confirmation number _____, filed August 17, 2004) the application number and filing date of said application when known.

Date: 17/NOV/2004 K. S. Roh
s/ **Kyung-shik ROH**

Date: 17/NOV/2004 W.S. Han
s/ **Woo-sup HAN**

Date: 17/NOV/2004 W. Kwon
s/ **Woong KWON**

Date: 17/NOV/2004 Y. B. Shim
s/ **Young-bo SHIM**

Date: 17/NOV/2004 O. H.
s/ **Yeon-taek OH**

Date: 17/NOV/2004 K. Park
s/ **Ki-cheol PARK**

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