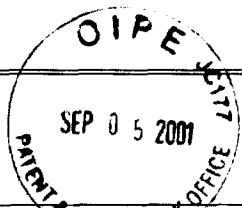


09-11-2001

Q63406

Form PTO-1595
1-31-92



U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

101838721

RI

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

1. Name of conveying party(ies):
Yukio NISHIMOTO and Naoki MIYAMOTO
5-501
Additional name(s) of conveying party(ies) attached?
 yes no

2. Name and address of receiving party(ies)?
MITSUBISHI DENKI KABUSHIKI KAISHA
2-3, Marunouchi 2-chome, Chiyoda-ku,
TOKYO 100-8310 JAPAN

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

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

Execution Date: May 28 and 29, 2001

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)/Confirmation No.(s)
09/850,207 /9722

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

6. Total number of applications and registration involved:
1

7. Total Fee (37 CFR 3.41): \$40.00
 Enclosed. Please charge any underpayment in connection with this Assignment to Deposit Account No. 19-4880.
 Authorized to be charged to Deposit Account

8. Deposit Account No.
19-4880

DO NOT WRITE IN THIS SPACE

9. Statement and Signature.
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.
Robert J. Seas, Jr.

Robert J. Seas, Jr. Reg. No. 21,092
September 5, 2001

Date

TOTAL NUMBER OF PAGES COMPRISING COVER SHEET, ATTACHMENTS AND DOCUMENT: 2

OMB No. 0651-0011 (exp. 4/94)

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:
Director - U.S. Patent and Trademark Office
Box Assignment
Washington, D.C. 20231

09/10/2001 DBYRNE 00000171 09850207
01 FC:581 40.00 OP

**PATENT
REEL: 012139 FRAME: 0189**

Assignment

Whereas, I/We, Yukio NISHIMOTO and Naoki MIYAMOTO both of 6-2, Otemachi 2-chome, Chiyoda-ku, TOKYO 100-0004 JAPAN, respectively, hereinafter called assignor(s), have invented certain improvements in ULTRASONIC OBSTACLE DETECTOR and executed an application for Letters Patent of the United States of America therefor in Application number [09/850207] and Confirmation number [9722], on _____; and

Whereas, MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN (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, including the right to claim priority under 35 U.S.C. §119, and I/we request the Commissioner for Patents to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/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.

Date: May 28 2001 Yukio Nishimoto
s/Yukio NISHIMOTO

Date: May 29, 2001 Naoki Miyamoto
s/Naoki MIYAMOTO

Date: _____
s/

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