

# PATENT ASSIGNMENT

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NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Yasuyuki OKADA	01/22/2009
Chiharu MITSUMATA	01/22/2009
RECEIVING PARTY DATA	
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State/Country:	JAPAN
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12359684
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PATENT  
REEL: 022155 FRAME: 0743

## Assignment

Whereas, I/We, Yasuyuki OKADA, Chiharu MITSUMATA of Saitama-ken, Japan, of Saitama-ken, Japan;

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

MAGNETIC SENSOR AND ROTATION-ANGLE-DETECTING APPARATUS

and executed an application for Letters Patent of the United States of America therefor on January 22, 2009; and

Whereas,

**HITACHI METALS, LTD.**

**2-1 Shibaura 1-chome**

**Minato-ku, Tokyo, 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 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 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.

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 12359684 and Confirmation number 4883, filed January 26, 2009) the filing date and application number of said application when known.

Date: January 22, 2009

Yasuyuki OKADA  
s/ Yasuyuki OKADA

Date: January 22, 2009

Chiharu Mitsumata  
s/ Chiharu MITSUMATA

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