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M COVER SHEET

AP17 Rec'd PCT/PTO 01 NOV 2007

Docket No.: 049677-0220

PATENTS ONLY

To the Director of the U. S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of Conveying Party(ies)**  
**Tatsuya IZUMI, Chihiro HIRAIWA**

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

**2. Name and address of receiving party(ies)**  
 Name: **SUMITOMO ELECTRIC INDUSTRIES, LTD.**  
 Internal Address:

**3. Nature of Conveyance/Execution Date(s)**  
 Execution Date(s): **October 19, 2007**

Assignment  Merger  
 Security Agreement  Change of Name  
 Joint Research Agreement  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other

Address: **5-33, Kitahama 4-chome, Chuo-ku,  
 Osaka-shi, Osaka 554-0024 JAPAN**

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**4. Application or patent number(s):**  
 A. Patent Application No(s).

This document is being filed together with a new application.  
 B. Patent No(s).

Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**

**6. Total number of applications and patents involved:** 1

Name: **MCDERMOTT WILL & EMERY LLP**  
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**9. Signature.**  
**Stephen A. Becker, 26,527**

November 1, 2007

Name and Registration No. of Person Signing \_\_\_\_\_ Signature \_\_\_\_\_ Date \_\_\_\_\_

Total number of pages including cover sheet, attachments and documents: 2

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**ASSIGNMENT**

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

- (1) Tatsuya IZUMI (5) \_\_\_\_\_
- (2) Chihiro HIRAIWA (6) \_\_\_\_\_
- (3) \_\_\_\_\_ (7) \_\_\_\_\_
- (4) \_\_\_\_\_ (8) \_\_\_\_\_

who have made a certain new and useful invention, hereby sell, assign and transfer unto

SUMITOMO ELECTRIC INDUSTRIES, LTD.

5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 554-0024 Japan

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

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(a) for which an application for United States Letters Patent was filed on \_\_\_\_\_ and identified by United States Serial No. \_\_\_\_\_; or

(b) for which an application for United States Letters Patent was executed on \_\_\_\_\_

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

INVENTORS	DATE SIGNED
1) <u>Tatsuya Izumi</u> Name: Tatsuya IZUMI	<u>October 19, 2007</u>
2) <u>Chihiro Hiraiwa</u> Name: Chihiro HIRAIWA	<u>October 19, 2007</u>