

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Hiroyuki Akinaga	05/27/2008
Shuichiro Yasuda	05/23/2009
Isao Inoue	05/29/2008
Hidenori Takagi	06/03/2008

RECEIVING PARTY DATA

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City:	Tokyo 100-8921
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Postal Code:	100-8921

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11990612

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	SHIMIZU-13601
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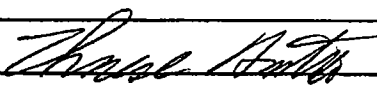
NAME OF SUBMITTER:	Abby Everson
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Total Attachments: 2
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OP \$40.00 11990612

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**PATENT
 REEL: 022828 FRAME: 0303**

Form PTO-1595	RECORDATION FORM COVER SHEET	U.S. Department of Commerce Patent and Trademark Office
PATENTS ONLY		
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.		
1. Name of conveying party(ies): Hiroyuki AKINAGA Shuichiro YASUDA Isao INOUE Hidenori TAKAGI	2. Name and address of receiving party(ies): National Institute of Advanced Industrial Science and Technology 3-1, Kasumigaseki 1-Chome, Chiyoda-Ku, Tokyo 100-8921 Japan	
Additional name(s) of conveying party(ies) attached? No	Additional name(s) & address(es) attached? No	
3. Nature of conveyance: Assignment Execution Date: May 27, 2008 May 23, 2009 May 29, 2008 June 03, 2008		
4. Title of Invention: Switching Device		
A. New Patent Application No.(s): 11/990,612	B. Patent No.(s): N.A.	
Additional numbers attached? No		
5. Name and address of party to whom correspondence concerning document should be mailed: Peter G. Carroll MEDLEN & CARROLL, LLP 101 Howard Street, Suite 350 San Francisco, California 94105	6. Total number of applications and patents involved: 1	
	7. Total fee(s): Payment in the amount of \$40 is submitted (\$40 Recordation fee).	
	8. Deposit Account Authorization: The Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. 08-1290 .	
DO NOT USE THIS SPACE		
9. Statement and Signature: <i>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.</i>		
Date: <u>June 15, 2009</u>	Signature: 	
	Name: Thomas C. Howerton	
	Reg. No.: 48, 650	

ASSIGNMENT

WHEREAS, WE, **Hiroyuki AKINAGA, Shuichiro YASUDA, Isao INOUE, and Hidenori TAKAGI**, hereinafter referred to as "ASSIGNOR", have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: **SWITCHING DEVICE**

Filing Date: **14 February 2008**

Serial No.: **11/990,612**

WHEREAS, **National Institute of Advanced Industrial Science and Technology, located at 3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100-8921 Japan**, hereinafter referred to as "ASSIGNEE", is desirous of acquiring the entire right, title and interest in said invention and application and in any Letters Patent which may be granted on the same;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to ASSIGNOR by ASSIGNEE and other good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNOR has sold, assigned and transferred, and by these presents does sell, assign and transfer unto said ASSIGNEE, and ASSIGNEE's successors and assigns, all right, title and interest in and to said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations or extensions thereof, said interest to be held and enjoyed by said ASSIGNEE as fully and exclusively as it would have been held and enjoyed by said ASSIGNOR had this assignment and transfer not been made, to the full end and term of any Letters Patent.

ASSIGNOR further agrees that ASSIGNOR will, without charge to said ASSIGNEE, but at ASSIGNEE's expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications; execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof; and will perform such other acts as ASSIGNEE lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE's successors and assigns.

IN TESTIMONY WHEREOF, ASSIGNOR has hereunto signed ASSIGNOR's names to this assignment on the date indicated below.

Hiroyuki Akinaga May 27, 2008
Hiroyuki AKINAGA (date)

Shuichiro Yasuda May 23, 2009
~~Shuichiro YASUDA~~ June 6, 2008
Shuichiro YASUDA (date) S.Y.

Isao Inoue May 29, 2008
Isao INOUE (date)

Hidenori Takagi June 3, 2008
Hidenori TAKAGI (date)