

PATENT ASSIGNMENT

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Tsuyoshi HASEGAWA	03/23/2010
Masakazu AONO	03/23/2010
Fumiko YANO	03/23/2010
Kazuya TERABE	03/23/2010
Toru TSURUOKA	03/23/2010
Tomoko EBIHARA	03/23/2010
Takuji OGAWA	03/23/2010
Hirofumi TANAKA	03/23/2010
Takami HINO	03/23/2010

RECEIVING PARTY DATA

Name:	NATIONAL INSTITUTE FOR MATERIALS SCIENCE
Street Address:	2-1, Sengen 1-chome, Tsukuba-shi,
City:	Ibaraki
State/Country:	JAPAN

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12672151

CORRESPONDENCE DATA

Fax Number: (202)721-8250

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 2027218200

Email: wlp@wenderoth.com

Correspondent Name: Wenderoth, Lind & Ponack, L.L.P.

Address Line 1: 1030 15th Street, N.W.

Address Line 2: Suite 400 East

Address Line 4: Washington, DISTRICT OF COLUMBIA 20005

OP \$40.00 12672151

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PATENT
REEL: 024224 FRAME: 0043

ATTORNEY DOCKET NUMBER:	2010-0159A
NAME OF SUBMITTER:	Karen Gass
Total Attachments: 2 source=ASSIGNMENT#page1.tif source=ASSIGNMENT#page2.tif	

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned

Insert Name(s)
of Inventor(s)

Tsuyoshi HASEGAWA; Masakazu AONO; Fumiko YANO; Kazuya TERABE; Toru
TSURUOKA; Tomoko EBIHARA; Takuji OGAWA; Hirofumi TANAKA; and Takami
HINO

Insert Name(s)
of Assignee(s)

the undersigned hereby sell(s) and assign(s) to
NATIONAL INSTITUTE FOR MATERIALS SCIENCE

Address

of 2-1, Sengen 1-chome, Tsukuba-shi, Ibaraki, Japan

Title of
Invention

(hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC 100, in the invention known as

SWITCHING ELEMENT AND APPLICATION OF THE SAME

Date of
Signing of
Application

for which an application for patent in the United States has been executed by the undersigned
on _____

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of WENDEROTH, LIND & PONACK, L.L.P., 1030 15th Street, N.W., Suite 400 East, Washington, D.C. 20005-1503, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordal of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date March 23, 2010
Date March 23, 2010
Date March 23, 2010
Date March 23, 2010
Date March 23, 2010
Date March 23, 2010
Date March 23, 2010
Date March 23, 2010

Tsuyoshi Hasegawa
Tsuyoshi HASEGAWA
Masakazu Aono
Masakazu AONO
Fumiko Yano
Fumiko YANO
Kazuya Terabe
Kazuya TERABE
Toru Tsuruoka
Toru TSURUOKA
Tomoko Ebihara
Tomoko EBIHARA
Takuji Ogawa
Takuji OGAWA
Hirofumi Tanaka
Hirofumi TANAKA
Takami Hino
Takami HINO

(This assignment should preferably be acknowledged before a United States Consul. If not, then the execution by the Inventor(s) should be witnessed by at least two witnesses who sign here.)

Witness _____

Witness _____

ACKNOWLEDGMENT

} SS

This _____ day of _____, 20____, before me personally came the above-named _____ to me personally known as the individual(s) who executed the foregoing assignment, who did acknowledge to me that he (they) executed the same of his (their) own free will for the purposes therein set forth.

SEAL

Official Signature

Official Title

The above application may be more particularly identified as follows:

U.S. Application Serial No.: _____

Filing Date: February 4, 2010

Applicant Reference Number: 08F027PCT/US0

Attorney Docket No.: 2010_0159A