

11-13-2007

U.S. PTO
11/979220
10/31/2007

103460328

B/O FORM PTO 1595 (1/31/92)
Patent and Trademark Office
RECORDATION FORM COVER SHEET
PATENTS ONLY

U.S. Department of Commerce

KATA.0002

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of Conveying Party(ies):

**SATOSHI SUGAHARA AND
MASAAKI TANAKA**Additional names of conveying parties attached: ☐ Yes ☒ No

2. Name and Address of Receiving Party(ies):

Name: **Japan Science and Technology Agency**
Address: **1-8, Hon-cho 4 chome, Kawaguchi-shi
Saitama, 332-0012 Japan**

3. Nature of Conveyance:

- ☒
- Assignment
- ☐
- Merger
-
- ☐
- Security Agreement
- ☐
- Change of Name
-
- ☐
- Other:

Execution Date: **February 1, 2005**

4. (a) Patent Application Number(s):

If this document is being filed together with a new application,
the execution dates of the application are:☐ Additional Numbers Attached.

4. (b) Patent Numbers:

11/01/2007 CNGUYEN2 00000033 11979220

04 FC:0021

40.00 OP

5. Name and Address of Party to whom Correspondence
Concerning this Document Should be Mailed:Name: **Stanley P. Fisher**Address: **Reed Smith LLP
3110 Fairview Park Dr.
Suite 1400
Falls Church, Va. 22042**

6. Total Number of Applications and Patents Involved: 1

7. Total Fee: **\$40.00**
(37 C.F.R. § 3.41)

- ☒
- Enclosed.
-
- ☒
- Authorized to be charged to deposit account.

8. Deposit Account Number: **08-1480**

ATTACH DUPLICATE COPY OF THIS PAGE IF PAYING BY DEPOSIT ACCOUNT

DO NOT USE THIS SPACE

9. Statement and Signature:

To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.

October 31, 2007

Stanley P. Fisher, Registration No. 24, 344

Juan Carlos A. Marquez, Registration No. 34,072

Total number of pages comprising cover sheet: 1

Attorney's Docket No.: _____

Assignment of Application

WHEREAS, I (WE) _____

Satoshi SUGAHARA of 21-1-603, Honmoku-hara, Naka-ku, Yokohama-shi, Kanagawa
231-0821 Japan and Masaaki TANAKA of 647-6-201, Inumakata, Midori-ku,
Saitama-shi, Saitama 336-0921 Japan

_____, respectively,
 have invented certain new and useful improvements in: **A SPIN TRANSISTOR BASED ON THE**
SPIN-FILTER EFFECT AND A NONVOLATILE MEMORY USING SPIN TRANSISTORS
 for which an application for Letters Patent was executed on **February 1, 2005**
 (Application No. _____, filed _____), and

WHEREAS, JAPAN SCIENCE AND TECHNOLOGY AGENCY
 (hereinafter referred to as "ASSIGNEE") having a place of business at:

1-8, Hon-cho 4-chome, Kawaguchi-shi, Saitama 332-0012 Japan

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any official of any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its legal representatives and assigns covenant and any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Reed Smith LLP of 3110 Fairview Park Drive, Suite 1400, Falls Church, Virginia 22042-4503 U.S.A. the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: February 1, 2005

S. Sugahara
(Signature of inventor) Satoshi SUGAHARA

Date: February 1, 2005

M. Tanaka
(Signature of inventor) Masaaki TANAKA