

1/22/07

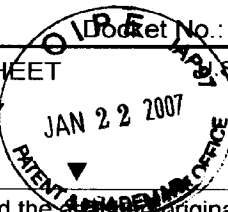
FORM PTO-1595 (Modified)
(Rev. 03-01)
OMB No. 0651-0027 (exp. 5/31/2002)
P08A/REV04

01-25-2007



103365754

COVER SHEET



Pocket No.: F06-460-US

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

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To the Director of the United States Patent and Trademark Office, please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

1) Shiro YAMAZAKI 5) Takatomo SASAKI 9) Yuji
2) Koji HIRATA 6) Yusuke MORI YAMADA
3) Katsuhiko IMAI 7) Masashi YOSHIMURA
4) Makoto IWAI 8) Fumio KAWAMURA

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

3. Nature of conveyance:

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

Execution Date: December 15, 2006

2. Name and address of receiving party(ies):

Name: TOYODA GOSEI CO., LTD.

Address: 1, Aza Nagahata, Oaza Ochiai, Haruhi-cho

City: Nishikasugai-gun State/Prov.: Aichi-ken

Country: JAPAN ZIP: 452-8564

Additional name(s) & address(es)

☒ Yes ☐ No

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is:

Patent Application No.

Filing date

B. Patent No.(s)

11/590,930

November 1, 2006

Additional numbers

☐ Yes ☒ No

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

Name: Sean M. McGinn, Esq.

Registration No. 34,386

Address: McGinn Intellectual Property Law Group, PLLC

8321 Old Courthouse Road

Suite 200

City: Vienna State/Prov.: Virginia

Country: USA ZIP: 22182-3817

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41): \$ 40.00

☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☐ Authorized to be charged to deposit account

8. Deposit account number:

50-0481 (deficiencies only)

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9. Statement and signature.

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.

Sean M. McGinn, Esq.

Name of Person Signing

Signature

January 22, 2007

Date

Total number of pages including cover sheet, attachments, and document:

Mail documents to be recorded with required cover sheet information to:

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PATENT
REEL: 018813 FRAME: 0140

Shiro YAMAZAKI, et al.

Serial No.: 11/590,930
Docket No.: F06-460-US
FUJIT.087

RECORDATION FORM COVER SHEET

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

Name: NGK INSULATORS, LTD.
Address: 2-56, Suda-cho, Mizuho-ku
City: Nagoya-shi
State/Prov.: Aichi-ken
Country: JAPAN
ZIP: 467-8530

Name: OSAKA UNIVERSITY
Address: 1-1, Yamadaoka
City: Suita-shi
State/Prov.: Osaka-fu
Country: JAPAN
ZIP: 565-0871

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS

(NAME AND ADDRESS OF ASSIGNOR:)

- (1) Shiro YAMAZAKI
- (2) Koji HIRATA
- (3) Katsuhiro IMAI
- (4) Makoto IWAI
- (5) Takatomo SASAKI
- (6) Yusuke MORI
- (7) Masashi YOSHIMURA
- (8) Fumio KAWAMURA
- (9) Yuji YAMADA

(1) and (2) : c/o TOYODA GOSEI CO., LTD.

1, Aza Nagahata, Oaza Ochiai, Haruhi-cho, Nishikasugai-gun, Aichi-ken, 452-8564,
JAPAN

(3) and (4): c/o NGK INSULATORS, LTD.

2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi-ken, 467-8530, JAPAN

(5), (6), (7), (8) and (9): c/o OSAKA UNIVERSITY

1-1, Yamadaoka, Suita-shi, Osaka-fu, 565-0871, JAPAN

(HEREINAFTER REFERRED TO AS ASSIGNOR), have invented and
own a certain new and useful invention entitled:

(TITLE OF INVENTION:)

Method for Producing Semiconductor Crystal

WHEREAS

(FULL NAME AND ADDRESS OF ASSIGNEE:)

TOYODA GOSEI CO., LTD.

1, Aza Nagahata, Oaza Ochiai, Haruhi-cho, Nishikasugai-gun, Aichi-ken, 452-8564, JAPAN

NGK INSULATORS, LTD.

2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi-ken, 467-8530, JAPAN

OSAKA UNIVERSITY

1-1, Yamadaoka, Suita-shi, Osaka-fu, 565-0871, JAPAN

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire
right, title, and interest in, to and under said invention and the United States
Letters Patent to be obtained therefore:

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be
it known that in considerations of the payment of ASSIGNEE to ASSIGNOR
of the sum of One Dollar (\$ 1.00), the receipt of which is hereby
acknowledged, and for other good and valuable consideration, ASSIGNOR,
by these presents, hereby sells, assigns and transfers to ASSIGNEE the

entire and exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained therefore on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States Patent obtained therefore on said application or any Continuation, division, renewal, substitute or reissue thereof for the full term or terms to said ASSIGNEE, of the entire right, title, and interest in and to the same, for his sole use and behoof, and for the use and behoof of his legal representatives, to the full end of the term or terms for which said Letters Patent obtained therefore on said application or any continuation, division, renewal, substitute or reissue thereof for may be granted, as full and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon this request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

IN WITNESS WHEREOF, I/We have hereunto set

(DATE OF SIGNING:)

hand and seal this 15 day of Dec, 2006.

(SIGNATURE:)

BY: Shiro Yamazaki Shiro YAMAZAKI

BY: Koji Hirata Koji HIRATA

(WITNESSES:)

Hogo Sago (WITNESS)

____ (WITNESS)

(SIGNATURE:)

BY: Katsuhiro Imai Katsuhiro IMAI

BY: Makoto Iwai Makoto IWAI

(WITNESSES:)

Yoshinori Matsukawa (WITNESS)

____ (WITNESS)

(SIGNATURE:)

BY: Takatomo Sasaki Takatomo SASAKI
BY: Yusuke Mori Yusuke MORI
BY: Masashi Yoshimura Masashi YOSHIMURA
BY: Fumio Kawamura Fumio KAWAMURA
BY: Yuji Yamada Yuji YAMADA

(WITNESSES:)

Toshikuni Masaki (WITNESS)
松本 和久 (WITNESS)
____ (WITNESS)
____ (WITNESS)
____ (WITNESS)



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of

Shiro YAMAZAKI, et al.

Serial No.: 11/590,930

Group Art Unit: 1722

Filing Date: November 1, 2006

Examiner: Unknown

For: METHOD FOR PRODUCING SEMICONDUCTOR CRYSTAL

Honorable Commissioner of Patents
Alexandria, Virginia 22313-1450

SUBMISSION OF ASSIGNMENT

Sir:

Kindly record and return to the undersigned the attached Assignment from Shiro YAMAZAKI, Koji HIRATA, Katsuhiro IMAI, Makoto IWAI, Takatomo SASAKI, Yusuke MORI, Masashi YOSHIMURA, Fumio KAWAMURA, and Yuji YAMADA to TOYODA GOSEI CO., LTD., NGK INSULATORS, LTD., and OSAKA UNIVERSITY for the above-identified patent application. The recording fee of \$40.00 is attached hereto, a check for which accompanies this submission.

Please charge any deficiencies in fees and credit any overpayment of fees to Attorney's Deposit Account No. 50-0481.

Respectfully submitted,

Sean M. McGinn, Esq.
Registration No. 34,386

Date: 1/22/07
**MCGINN INTELLECTUAL PROPERTY
LAW GROUP, PLLC**
8321 Old Courthouse Road, Suite 200
Vienna, Virginia 22182-3817
(703) 761-4100, Customer No. 21254

PATENT

RECORDED: 01/22/2007

REEL: 018813 FRAME: 0145