

FORM PTO-1595

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HSML- 20162.46USWO

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U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

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

1. Name of conveying party(ies):

Atsushi MURAMATSU
Kiyoshi KANIE
Atsuki TERABE
Yasuhiro OKAMOTO
Hideto MIZUTANI
Satoru SUEDA
Hirofumi TAKAHASHI

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

Sakai Chemical Industry Co., Ltd.
5-2, Ebisujimacho, Sakai-ku
Sakai-shi, Osaka 590-8502 Japan

TOHOKU University
1-1, Katahira 2-chome, Aoba-ku
Sendai-shi, Miyagi 980-8577 Japan

Additional name(s) of conveying party(ies) attached? ☐ Yes ☐ NoAdditional name(s) & address(es) attached? ☒ Yes ☐ No

3. Nature of conveyance:

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

Execution Date: November 25, 2011

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

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

A. Patent Application No.(s)

B. Patent No.(s)

13/262788

Additional numbers attached? ☐ Yes ☒ No

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

Name: Douglas P. Mueller
Address: Hamre, Schumann, Mueller & Larson P.C.
P. O. Box 2902
Minneapolis, MN 55402-0902

6. Total number of applications and patents involved: 1

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

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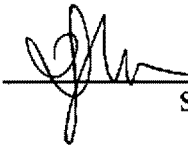
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9. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Douglas P. Mueller

Name of Person Signing



Signature

December 12, 2011

Date

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CERTIFICATE UNDER 37 CFR 1.6(d): I hereby certify that this paper is being transmitted by facsimile to the U.S. Patent and Trademark Office on December 12, 2011.

By:

Name: Peggy Kerkhove

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52835

PATENT TRADEMARK OFFICE

700476695

REEL: 027404 FRAME: 0351

CH \$40.00 503478 13262788

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

Fuji Ceramics Corporation
2320-11, Yamamiya
Fujinomiya-shi, Shizuoka 418-0111 Japan

Docket No. 20162.46USWO

ASSIGNMENT OF PATENT APPLICATION

WHEREAS,

1. Atsushi MURAMATSU residing at 1-1, Katahira 2-chome, Aoba-ku, Sendai-shi, Miyagi 980-8577, Japan and a citizen of Japan
2. Kiyoshi KANIE residing at 1-1, Katahira 2-chome, Aoba-ku, Sendai-shi, Miyagi 980-8577, Japan and a citizen of Japan
3. Atsuki TERABE residing at c/o Sakai Chemical Industry Co., Ltd., 110, Azatajuku, Shimogawa, Izumimachi, Iwaki-shi, Fukushima 971-8183, Japan and a citizen of Japan
4. Yasuhiro OKAMOTO residing at c/o Sakai Chemical Industry Co., Ltd., 110, Azatajuku, Shimogawa, Izumimachi, Iwaki-shi, Fukushima 971-8183, Japan and a citizen of Japan
5. Hideto MIZUTANI residing at c/o Sakai Chemical Industry Co., Ltd., 110, Azatajuku, Shimogawa, Izumimachi, Iwaki-shi, Fukushima 971-8183, Japan and a citizen of Japan
6. Satoru SUEDA residing at c/o Sakai Chemical Industry Co., Ltd., 110, Azatajuku, Shimogawa, Izumimachi, Iwaki-shi, Fukushima 971-8183, Japan and a citizen of Japan
7. Hirofumi TAKAHASHI residing at 1259, Hina, Fuji-shi, Shizuoka 417-0847, Japan and a citizen of Japan

(hereinafter called "THE UNDERSIGNED") have made an invention and have executed an application for Letters Patent of the United States for this invention which was filed on _____, entitled METHOD FOR PRODUCING ALKALI METAL NIOBATE PARTICLES, AND ALKALI METAL NIOBATE PARTICLES, and which has been given application serial number _____;

and

WHEREAS Sakai Chemical Industry Co., Ltd. (hereinafter "ASSIGNEE") a corporation organized under the laws of Japan and having an office and place of business at 5-2, Ebisujimacho, Sakai-ku, Sakai-shi, Osaka 590-8502, Japan, TOHOKU University (hereinafter "ASSIGNEE") a non-profit organization under the laws of Japan and having an office and place of business at 1-1, Katahira 2-chome, Aoba-ku, Sendai-shi, Miyagi 980-8577, Japan and Fuji Ceramics Corporation (hereinafter "ASSIGNEE") a corporation organized under the laws of Japan and having an office and place of business at 2320-11, Yamamiya, Fujinomiya-shi, Shizuoka 418-0111, Japan wish to acquire the entire right, title and interest in and to said invention and patent application and any Letters Patent to be obtained therefor;

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, THE UNDERSIGNED hereby sell, assign, and transfer to the ASSIGNEE, its successors, legal representative and assigns, the entire right, title and interest for the United States in and to the invention disclosed in said application, and in and to said application, as well as to all divisions, continuations, or renewals thereof, all

PATENT
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Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and THE UNDERSIGNED hereby authorize and request the Commissioner of Patents of the United States to issue all Letters Patent for said invention to the ASSIGNEE of the entire right, title and interest in and to the same, in accordance with the terms of this instrument.

THE UNDERSIGNED hereby agree that THE UNDERSIGNED, their executors and legal representatives will make, execute and deliver (without charge but at the expense of the ASSIGNEE) any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said ASSIGNEE, its successors and representatives all facts known to the UNDERSIGNED relating to said invention and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable to vest the ASSIGNEE, its successors or assigns, the entire right, title and interest in and to the said invention, patent applications, Letters Patent, rights, titles, benefits, privileges, and advantages hereby sold, assigned and conveyed, or intended so to be.

THE UNDERSIGNED represent and agree with said ASSIGNEE, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the UNDERSIGNED, and that full right to convey the same as herein expressed is possessed by the UNDERSIGNED.

IN TESTIMONY WHEREOF, THE UNDERSIGNED have hereunto set their hand on the dates indicated below.

1. Atsushi MURAMATSU

Date

2. Kiyoshi KANIE

Date

Atsuki TERABE

NOV. 25, 2011

3. Atsuki TERABE

Date

Yasuhiro OKAMOTO

NOV. 25, 2011

4. Yasuhiro OKAMOTO

Date

Hideto MIZUTANI

NOV. 25, 2011

5. Hideto MIZUTANI

Date

Satoru SUEDA

NOV. 25, 2011

6. Satoru SUEDA

Date

7. Hirofumi TAKAHASHI

Date

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Date

5. Hideto MIZUTANI

Date

6. Satoru SUEDA

Date

Hirofumi Takahashi

NOV. 25. 2011

7. Hirofumi TAKAHASHI

Date