

PATENT ASSIGNMENT

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NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Tomohisa KATOU	10/18/2011
Ichirou NAGAI	10/18/2011
Tomonori MIURA	10/18/2011
Hiroyuki KAMATA	10/18/2011

RECEIVING PARTY DATA

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Postal Code:	100-8921

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City:	Kohtoh-ku, Tokyo
State/Country:	JAPAN
Postal Code:	135-8512

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13278839

CORRESPONDENCE DATA

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OP \$40.00 13278839

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PATENT  
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NAME OF SUBMITTER:	Yukiko Williams/New Apps Specialist
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# ASSIGNMENT

Whereas, I/we, (1) Tomohisa KATOU; (2) Ichirou NAGAI; (3) Tomonori MIURA and (4) Hiroyuki KAMATA, of (1) to (3) c/o NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, Tsukuba Central 2, 1-1, Umezono 1-chome, Tsukuba-shi, Ibaraki 305-8568 Japan (4) of c/o Fujikura Ltd., Sakura Works, 1440, Mutsuzaki, Sakura-shi, Chiba 285-8550 Japan, hereinafter called assignor(s), have invented certain improvements in

APPARATUS FOR MANUFACTURING ALUMINUM NITRIDE SINGLE CRYSTAL, METHOD FOR MANUFACTURING ALUMINUM NITRIDE SINGLE CRYSTAL, AND ALUMINUM NITRIDE SINGLE CRYSTAL

and executed an application for Letters Patent of the United States of America therefor on

2011; and

Whereas, (1) NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY of 3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100-8921 Japan and (2) Fujikura Ltd. of 5-1, Kiba 1-chome, Kohtoh-ku, Tokyo 135-8512 Japan (assignee),

desires to acquire the entire right, title and interest in the application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America and all countries foreign thereto, including the rights of priority under the International Convention of Paris (1883) as amended, and I/we request the Director - U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we hereby agree that the assignee may apply for foreign Letters Patent on the invention and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

I/We hereby authorize and request my/our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3213 to insert here in parentheses (Application number 13/278,839, filed 7962) the filing date and application number of said application when known.

Date: October 18, 2011

s/ Tomohisa Kato  
Tomohisa KATOU

Date: October 18, 2011

s/ Ichirou Nagai  
Ichirou NAGAI

Date: October 18, 2011

s/ Tomonori Miura  
Tomonori MIURA

Date:

s/ ~~Hiroyuki Kamata~~  
~~Hiroyuki KAMATA~~

For Non-U.S. Clients

## ASSIGNMENT

Whereas, I/we, (1) Tomohisa KATOU; (2) Ichirou NAGAI; (3) Tomonori MIURA and (4) Hiroyuki KAMATA, of (1) to (3) c/o NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, Tsukuba Central 2, 1-1, Umezono 1-chome, Tsukuba-shi, Ibaraki 305-8568 Japan (4) of c/o Fujikura Ltd., Sakura Works, 1440, Mutsuzaki, Sakura-shi, Chiba 285-8550 Japan, hereinafter called assignor(s), have invented certain improvements in

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and executed an application for Letters Patent of the United States of America therefor on

2011; and

Whereas, (1) NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY of 3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100-8921 Japan and (2) Fujikura Ltd. of 5-1, Kiba 1-chome, Kohtoh-ku, Tokyo 135-8512 Japan (assignee),

desires to acquire the entire right, title and interest in the application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America and all countries foreign thereto, including the rights of priority under the International Convention of Paris (1883) as amended, and I/we request the Director - U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we hereby agree that the assignee may apply for foreign Letters Patent on the invention and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

I/We hereby authorize and request my/our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3213 to insert here in parentheses (Application number \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known.

Date:	s/	<del>Tomohisa KATOU</del>
Date:	s/	<del>Ichirou NAGAI</del>
Date:	s/	<del>Tomonori MIURA</del>
Date: October 18, 2011	s/	<i>Hiroyuki Kamata</i> Hiroyuki KAMATA