

PATENT ASSIGNMENT

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Naho Mizuhara	11/19/2007
Michimasa Miyanaga	11/20/2007
Tomohiro Kawase	11/22/2007
Shinsuke Fujiwara	11/22/2007

RECEIVING PARTY DATA

Name:	Sumitomo Electric Industries, Ltd.
Street Address:	5-33 Kitahama 4-chome, Chuo-ku
City:	Osaka-shi
State/Country:	JAPAN
Postal Code:	541-0041

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11997153

CORRESPONDENCE DATA

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039.0093

NAME OF SUBMITTER:

James Judge

Total Attachments: 1

PATENT

500450297

REEL: 020427 FRAME: 0088

OP \$40.00 11997153

ASSIGNMENT OF PATENT APPLICATION

Whereas, Naho MIZUHARA, Michimasa MIYANAGA, Tomohiro KAWASE and Shinsuke FUJIWARA

citizen(s) of Japan and hereinafter referred to as the applicant(s), has invented certain new and useful improvements in

AIN CRYSTAL AND METHOD FOR GROWING THE SAME, AND
AIN CRYSTAL SUBSTRATE

☒ for which the applicant(s) executed an application for United States Patent on the latest date next to the signature(s) below, or otherwise on _____,

☐ for which United States Patent Application Number _____/_____ was filed on _____,

and whereas, SUMITOMO ELECTRIC INDUSTRIES, LTD., a corporation organized and existing under the laws of Japan and

hereinafter referred to as the assignee, whose mailing address is

5-33 Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041, JAPAN

is desirous of acquiring the entire rights in the patent application named above, and insofar as the same yields any United States patent(s), the title to and interest in the same:

Now, therefore, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the applicant(s) assigns, and transfers, unto the assignee, the entire rights in the patent application, and the title to and interest in the same insofar as the same yields any United States patent(s); and the applicant(s) hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all any such patent(s) to the assignee, as that of the entire title to and interest in any such patent(s), for the sole use and behoof of the assignee and the assignee's legal representatives, as fully and entirely as any such patent(s) would have been held by the applicant(s) had the present assignment not been made.

In testimony whereof the applicant(s) has below executed this assignment.

Signature(s) and date(s):

<u>Naho Mizuhara</u>	<u>Nov. 19, 2007</u>
<u>Michimasa Miyanaga</u>	<u>Nov. 20, 2007</u>
<u>Tomohiro Kawase</u>	<u>Nov. 22, 2007</u>
<u>Shinsuke Fujiwara</u>	<u>Nov. 22, 2007</u>
	<u>Nov. S.F. Nov. 22, 2007</u>