PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:		NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		ASSIGNMENT	
CONVEYING PARTY DATA			
		Name	Execution Date
Atsushi HASHIMOTO 05/28/2013			05/28/2013
RECEIVING PARTY DATA			
Name: SUMITOMO HEAVY INDUSTRIE		/ INDUSTRIES, LTD.	
Street Address:	1-1, Osaki 2-chome		
Internal Address:	Shinagawa-ku		
City:			
	State/Country: JAPAN		
Postal Code: 141-6025			
PROPERTY NUMBERS Total: 1			
Property Type		Number	
Application Number:	1390	6817	
CORRESPONDENCE DATA			
CORRESPONDENCE D	ΑΤΑ		817
CORRESPONDENCE D	ATA 7037207801		906817
Fax Number: <i>Correspondence will be</i> .	7037207801 sent via US Mail whe	n the fax attempt is unsuccessful.	13906817
Fax Number:	7037207801 <i>sent via US Mail whe</i> 703-720-7800		
Fax Number: <i>Correspondence will be</i> .	7037207801 <i>sent via US Mail whe</i> 703-720-7800 IPGENERALT	n <i>the fax attempt is unsuccessful.</i> YC@SQUIRESANDERS.COM, ush@squiresanders.com,	
Fax Number: <i>Correspondence will be .</i> Phone: Email:	7037207801 <i>sent via US Mail whe</i> 703-720-7800 IPGENERALT douglas.goldh grace.jamison	YC@SQUIRESANDERS.COM, ush@squiresanders.com, @squiresanders.com	\$40.00
Fax Number: <i>Correspondence will be</i> . Phone: Email: Correspondent Name:	7037207801 sent via US Mail whe 703-720-7800 IPGENERALT douglas.goldh grace.jamison Squire Sande	YC@SQUIRESANDERS.COM, ush@squiresanders.com, @squiresanders.com s (US) LLP	\$40.00
Fax Number: <i>Correspondence will be .</i> Phone: Email: Correspondent Name: Address Line 1:	7037207801 sent via US Mail whe 703-720-7800 IPGENERALT douglas.goldh grace.jamison Squire Sande 8000 TOWER	YC@SQUIRESANDERS.COM, ush@squiresanders.com, @squiresanders.com s (US) LLP S CRESCENT DRIVE	
Fax Number: <i>Correspondence will be</i> . Phone: Email: Correspondent Name:	7037207801 sent via US Mail whe 703-720-7800 IPGENERALT douglas.goldh grace.jamison Squire Sande 8000 TOWER 14TH FLOOR	YC@SQUIRESANDERS.COM, ush@squiresanders.com, @squiresanders.com s (US) LLP S CRESCENT DRIVE	\$40.00
Fax Number: <i>Correspondence will be</i> . Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	7037207801 sent via US Mail whe 703-720-7800 IPGENERALT douglas.goldh grace.jamison Squire Sande 8000 TOWER 14TH FLOOR VIENNA, VIR	YC@SQUIRESANDERS.COM, ush@squiresanders.com, @squiresanders.com rs (US) LLP S CRESCENT DRIVE	\$40.00
Fax Number: <i>Correspondence will be</i> . Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	7037207801 sent via US Mail whe 703-720-7800 IPGENERALT douglas.goldh grace.jamison Squire Sande 8000 TOWER 14TH FLOOR VIENNA, VIR	YC@SQUIRESANDERS.COM, ush@squiresanders.com, @squiresanders.com s (US) LLP S CRESCENT DRIVE GINIA 22182-6212	\$40.00
Fax Number: <i>Correspondence will be</i> A Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET N	7037207801 sent via US Mail whe 703-720-7800 IPGENERALT douglas.goldh grace.jamison Squire Sande 8000 TOWER 14TH FLOOR VIENNA, VIR	YC@SQUIRESANDERS.COM, ush@squiresanders.com, @squiresanders.com s (US) LLP S CRESCENT DRIVE GINIA 22182-6212 063594.00048	\$40.00
Fax Number: <i>Correspondence will be</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET N NAME OF SUBMITTER:	7037207801 sent via US Mail whe 703-720-7800 IPGENERALT douglas.goldh grace.jamison Squire Sande 8000 TOWER 14TH FLOOR VIENNA, VIR	YC@SQUIRESANDERS.COM, ush@squiresanders.com, @squiresanders.com \$ (US) LLP S CRESCENT DRIVE GINIA 22182-6212 063594.00048 Douglas H. Goldhush	\$40.00

7

ASSIGNMENT

Address do Yokosuka Works of Sumilorno Heavy Industries, Ltd.,

1) Atsushi HASHIMOTO

19, Natsushima-cho, Yokosuka-shi, Kanagawa 237-8555 Japan

hereinafter called assignor(s), have invented certain improvements in CYCLOTRON

and executed an application for Letters Patent of the United States of America therefor on even date herewith unless otherwise indicated below:

filed on ______, Serial No. ______; and

SUMITOMO HEAVY INDUSTRIES, LTD. 1-1. Osaki 2-chome.

1-1, Osaki 2-chome, Shinagawa-ku, Tokyo 141-6025 Japan

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

NOW THEREFORE, be it known that, for good and valuable consideration from assignee, the receipt of which is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all relasues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its auccessors and assigns, execute all divisional, continuation, and relssue applications, make all rightful oaths and generally do everything possible to ald assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of euch papers shall be borne by the assignee, its successors and assigns.

INVENTORS 1): Name:

DATE SIGNED $\mathcal{I}_{\mathcal{S}}, \mathcal{J}_{\mathcal{S}}, \mathcal{I}_{\mathcal{S}}$

(Legalization not required for recording but is prima facto evidence of execution under 35 U.S.C. § 261)

Page 1 of 1

PATENT REEL: 030525 FRAME: 0126

RECORDED: 05/31/2013