502622050 01/06/2014

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HIDEKI ARAI	11/15/2013
TAKAMI KOYAMA	11/15/2013
TSUYOSHI SEKINE	11/15/2013
HIDEKI NAKANO	11/15/2013
KOTA OJIMA	11/25/2013

RECEIVING PARTY DATA

Name:	NIPPON OTIS ELEVATOR COMPANY
Street Address:	BUNKYO GREEN COURT 23F, 28-8, HONKOMAGOME 2-CHOME
City:	BUNKYO-KU, TOKYO
State/Country:	JAPAN
Postal Code:	113-0021

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14130789

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	Q207664
NAME OF SUBMITTER:	ERIN HARNETT, NEW APPLICATION SPECIALIST
	PATENT

502622050 REEL: 031896 FRAME: 0799

Signature:	/Erin Harnett/
Date:	01/06/2014
Total Attachments: 4 source=Assignment_Executed_as_filed#pag source=Assignment_Executed_as_filed#pag source=Assignment_Executed_as_filed#pag source=Assignment_Executed_as_filed#pag	ge2.tif ge3.tif

ASSIGNMENT

PROTIONIUS

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

name and address of assignee

Nippon Otis Elevator Company Bunkyo Green Court 23F, 28-8, Honkomagome 2-chome, Bunkyo-ku, Tokyo 113-0021 Japan

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to

title of invention

ELEVATOR DEVICE AND ROLLER GUIDE ASSEMBLY

as set forth in his/her United States Patent Application

check one

()	executed concurrently herewith			
()	executed on			
ĺΧ	1	Serial No. PCT/IP2012/066227	Filed	Tune 26, 2012	

in and to said United States Patent Application including any and all divisions or continuations and Convention applications based in whole or in part on said invention or upon said application, including the right to make applications for Letters Patents throughout the world in respect to the invention and to claim priority under the International Convention for the Protection of Industrial Property, and in and to any and all Letters Patent of any country which may issue on any such application or for said invention, including any and all reissues, reexaminations, or extensions, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not be made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he/she has the full and

Each of the undersigned warrants and covenants that he/she has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he/she has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees that at any time upon request of said ASSIGNEE, its successors, legal representatives or assigns he/she will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him/her relating to said invention or patent application and that he/she will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues, reexaminations, or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention; United States for said invention;

Each of the undersigned hereby grants the firm of SUGHRUE MION, PLLC the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

names and signatures of inventors

Name: Hideki ARAI date 11/15/2013 Takami Koyama date 11/15/2013

Name: Takami KOYAMA

	,	date		date
	Kota OJIMA		Name:	
u		date		date
Name:			Name:	

ASSIGNMENT

PISOTIOOIUS

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addres	s of
assign	ee

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()	executed on			
X	Serial No. PCT/IP2012/066227	Filed	June 26, 2012	

in and to said United States Patent Application including any and all divisions or continuations and Convention applications based in whole or in part on said invention or upon said application, including the right to make applications for Letters Patents throughout the world in respect to the invention and to claim priority under the International Convention for the Protection of Industrial Property, and in and to any and all Letters Patent of any country which may issue on any such application or for said invention, including any and all reissues, reexaminations, or extensions, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not be made;

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Each of the undersigned hereby grants the firm of SUGHRUE MION, PLLC

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names and		`	date		date
signatures of inventors	Name:	Hideki ARAI		Name:	Takami KOYAMA
			date		date
	Name:	Tsuvoshi SEKINE	,	Name:	Hideki NAKANO

Hoto Ogene	date 11/25/20/3		date	
Name: Kota OJIMA		Name:		
	date		date	
Name:		Name:		

PATENT REEL: 031896 FRAME: 0804

RECORDED: 01/06/2014