

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3233030

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	YOICHI SAKUMA	01/23/2015
RECEIVING PARTY DATA		
Name:	MITSUBISHI ELECTRIC CORPORATION	
Street Address:	7-3, Marunouchi 2-chome, Chiyoda-ku	
City:	Tokyo	
State/Country:	Japan	
Postal Code:	100-8310	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	14422569
CORRESPONDENCE DATA		
Fax Number:	(703)413-2220	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
Phone:	(703) 413-3000	
Email:	etsuji@oblon.com	
Correspondent Name:	OBLON, ET AL.	
Address Line 1:	1940 DUKE STREET	
Address Line 4:	ALEXANDRIA, VIRGINIA 22314	
ATTORNEY DOCKET NUMBER:	448781US20PCT	
NAME OF SUBMITTER:	ERIKO TSUJI	
SIGNATURE:	/Eriko Tsuji/	
DATE SIGNED:	02/19/2015	
Total Attachments: 1		
source=448781USASSIGNMENT#page1.tif		

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned, Yoichi SAKUMA
hereby sells, assigns and transfers to:

MITSUBISHI ELECTRIC CORPORATION
of 7-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN

(hereinafter called the Assignee), its successors and assigns, the entire right, title, and interest in and to:

- (i) the application for United States Letters Patent entitled ROLLER GUIDE AND MANUFACTURING METHOD FOR SAME
which was executed by the undersigned on _____
or was filed on September 25, 2012 and accorded Serial
No. PCT/JP2012/074537 (hereinafter called the Application);
- (ii) any and all inventions and improvements which are described in the Application;
- (iii) any and all United States Letters Patents which may be granted on the Application
(hereinafter called Patent);
- (iv) any and all divisions, continuations, substitutes, reexaminations, reissues, or extensions
of the Application or Patent; and
- (v) all benefits under the International Convention for the Protection of Industrial Property.

Said Assignee of said patent application and the attorneys appointed to prosecute said patent application are authorized to insert in this instrument the filing date and serial number of said application.

The Commissioner of Patents and Trademarks is authorized to issue any and all of said Letters Patent, when granted, to said Assignee.

Further, it is agreed that, when requested, without charge to but at the expense of said Assignee, the undersigned will execute all divisional, continuing, substitute, or reissue patent applications; execute all additional assignments and other writings, including reexamination papers; and provide all reasonable assistance requested by the Assignee to secure and maintain appropriate patent protection.

INVENTOR(S): Yoichi Sakuma
(Yoichi SAKUMA)

DATE
Jan, 23, 2015