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PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5546798

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAIZO NISHIOKA	05/06/2019
YOHEI AOSHIMA	05/07/2019

RECEIVING PARTY DATA

Name:	SUMITOMO ELECTRIC INDUSTRIES, LTD.
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City:	OSAKA-SHI, OSAKA
State/Country:	JAPAN
Postal Code:	541-0041

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16394164

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	202262-0195-00-US-588836
NAME OF SUBMITTER:	PETER J. SISTARE
SIGNATURE:	/Peter J. Sistare/
DATE SIGNED:	05/30/2019

Total Attachments: 1

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PATENT REEL: 049317 FRAME: 0591 505499994

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	Name		y	<u>Address</u>		
1)	Daizo NISHIOKA			ECTRIC INDUSTRIES, L'I ome, Chuo-ku,	D.,	
2) Yohei AOSHIMA			c/o SUMITOMO RLECTRIC INDUSTRIES, LTD., 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 Japan			
	einafter called assignor(s) nucctor removal tool	, have invent	ed certain improv	vements in		
	executed an application to	for Letters Pa	tent of the United	l States of America th	nerefor on even date here	ewith unless otherwise
ш	filed on	April 25,	2019	, Serial No.	16/394164	; and
ato	Osak signee), desires to acquire ents to be obtained therefo	a-shi, Osaka the entire rig or; be it known t	hat, for good and	est in the application	and invention, and to an	
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inverse inverse inverse inverse accessing the appropriate appropriate approximately and about 1)	set over unto the assigneention and this application be granted thereon, and demarks of the United State ordance with the terms of AND, I/WE HEREBY ignee, its successors and a fall lawful papers when of title to this invention in salications, make all rightful enforce proper patent procution of such papers shat In the event that the parts hereby grant permission, and to record this Assigned.	e, its lawful s in, and all divi all reissues the ates to issue a this Assignm further cove assigns, any fa- called upon to all assignee, al oaths and g otection for the the borne by atent application to the attorn signment after	uccessors and as sions, and continuereof; and I/WE all Letters Patent ment; mant and agree the acts known to Mile do so, execute a its successors and enerally do every his invention in the ythe assignee, its on filing date or meys of record in a such information.	signs, MY/OUR entinuations thereof, and a hereby authorize and for this invention to a last I/WE will, without E/US respecting this is and deliver all papers d assigns, execute all of thing possible to aid the United States, it be a successors and assigns erial number is not keep the thing patent application.	re right, title, and interestill Letters Patent of the Universe request the Commission assignee, its successors at further consideration, or invention and testify in a that may be necessary or divisional, continuation, assignee, its successors in gunderstood that any mis.	at in and to this United States which mer of Patents and mod assigns, in communicate with my legal proceeding, or desirable to perfect and reissue and assigns, to obtain expense incident to the ssignment is executed, and/or serial number

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

Yohei AOSHIMA

Name: