501945057 06/05/2012

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Masaki TAKAHASHI	05/23/2012
Takafumi SUZUKI	05/23/2012
Toshiki MORIGUCHI	05/23/2012

RECEIVING PARTY DATA

Name:	MURATA MACHINERY, LTD	
Street Address:	3 Minami Ochiai-cho	
Internal Address:	Kisshoin, Minami-ku, Kyoto-shi	
City:	Kyoto	
State/Country:	JAPAN	
Postal Code:	601-8326	

Name:	KEIO UNIVERSITY	
Street Address:	15-45 Mita 2-chome, Minato-ku	
City:	Tokyo	
State/Country:	JAPAN	
Postal Code:	108-8345	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13510549

CORRESPONDENCE DATA

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PATENT

REEL: 028322 FRAME: 0993

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NAME OF SUBMITTER: Payam Moradian

Total Attachments: 3

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PATENT REEL: 028322 FRAME: 0994

ASSIGNMENT

	Application No. 13/510549		May 17, 2012	
Insert Name(s)				
of Inventor(s)		•		
	WHEREAS,	Masaki TAKAHASHI		
		Takafumi SUZUKI		
		Toshiki MORIGUCHI		
improvements in	(hereinafter designated as	the undersigned) has (have) invented	d certain new and useful	
insert Title of invention	AUTONOMOUS	MOBILE BODY AND CONTROL	METHOD OF SAME	
	for which an application for executed by the undersigned	or Letters Patent of the United States of (except in the case of a provisional app	of America has been Boation).	
Insert Date of Signing of Application	on		; and	
Insert Name				
of Assignee	WHEREAS,	Murata Machinery, Ltd.		
Insert Address of Assignee	of3 Minami Ochiai-g	cho, Kisshoin, Minami-ku, Kyoto-shi,	Kvolo 601-8326, Japan	
Insert Name				
of Assignee		Keio University		
Insert Address of Assignee	of15-45, Mita 2-chor	ne. Minato-ku, Tokyo 108-8345, Japa	in	
	its heirs, successors, legal a Assignee) is desirous of ac	representatives and assigns (hereinafte quiring the entire right, title and into	er designated as the erest in and to said	

PATENT REEL: 028322 FRAME: 0995 invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and

CHECK BOX IF APPROPRIATE

in any foreign countries.

NOW. THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unito said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries;

and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree (s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) ADLI LAW GROUP P.C., Customer Number 95674 the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

PATENT REEL: 028322 FRAME: 0996

Attorney Docket No.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date May 23, 20/2	Name of Inventor Masahi Takahashi	
•	Masaki TAKAHASHI	
Date May 23, 2012	Name of Inventor Takafumi Suzuki	
	Takafumi SUZUKI	
pate_ <u>May_23,_20/2</u>	Name of Inventor Och Ri Progueti	
,	Toshiki MORIGUCHI	
Date	Name of Inventor	
	(signature)	

PATENT REEL: 028322 FRAME: 0997

RECORDED: 06/05/2012