505455071 05/01/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KOH MURATA	03/19/2019

RECEIVING PARTY DATA

Name:	MITSUI E&S SHIPBUILDING CO., LTD.	
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City:	CHUO-KU, TOKYO	
State/Country:	JAPAN	
Postal Code:	104-8439	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16346630

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ATTORNEY DOCKET NUMBER:	SYT-133-A
NAME OF SUBMITTER:	JOSEPH P. CARRIER
SIGNATURE:	/Joseph P. Carrier/
DATE SIGNED:	05/01/2019

Total Attachments: 3

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PATENT 505455071 REEL: 049049 FRAME: 0679

Attorney Docket No.: SYT-133-A

DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATIONS

							•
SHIP	MANEUVERING	G SYSTEM, SHIP, A	ND SH	IP MAN	EUVER	ING M	ІЕТНОД
•		(Title of the Inv	ention)			
As a below nam	ed inventor, I he	reby declare that:					
This declaration is directed to:							
☐ The attached application,							
OR							
☑ United State	s Application Nu	ımber or PCT Interna	ational	Applicat	tion Nu	mber	
PCT/JP2	<u>017/043028</u> ;	filed on Novem	ber 30	, 2017			
If the applicatio		hereto, the application	on is a	s identifie	ed by th	e Attor	rney Docket Numbe
The above-iden	tified application	was made or author	ized to	be made	by me.		
I believe that I a application.	ım the original in	ventor or an origina	l joint	inventor	of a clai	imed ir	vention in the
I have reviewed	and understand	the contents of the al	bove-i	dentified	applicat	tion, in	cluding the claims.
	he duty to disclo Regulations § 1	se information which .56.	h is ma	aterial to	patentał	oility a	s defined in Title 37
•		willful false statemer				-	•
of any foreign International ap below and have inventor's certif	application(s) plication which of also identified b	ander Title 35, Unite for patent of inve designated at least or selow, by checking to nternational applicat claimed.	ntor's ne cou he box	certifica itry other , any for	te, or r than th eign app	365(a) ie Unit plicatio	of any PCT ed States listed on for patent or
Prior Foreign Application	Country	Foreign Filing Date	Priority Certified Copy Attac Not Claimed				
Number(s)		(MM/DD/YYYY)			Y	ES	NO
2016-232223	JAPAN	11/30/2016				<u>]</u>]	

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PATENT

PATENT REEL: 049049 FRAME: 0680 Direct all correspondence to the address associated with Customer Number: 21828 Joseph P. Carrier, Reg. No. 31,748 William D. Blackman, Reg. No. 32,397 Fulchand P. Shende, Reg. No. 69,558

Jeffrey T. Gedeon, Reg. No. 57,510 Anne G. Sabourin, Reg. No. 33,772

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DIRECT TELEPHONE CALLS TO: Fulchand P. Shende, Jeffrey T. Gedeon, Anne G. Sabourin

WHEREAS, in consideration of value received, the undersigned sells and assigns to

MITSUI E&S SHIPBUILDING CO., LTD., having a place of business at 6-4, Tsukiji 5-chome, Chuo-ku, Tokyo 104-8439 JAPAN

([name of assignee(s)]; a corporation of [country], having a place of business at [address]),

respectively, its successors, assigns or nominees; hereinafter referred to as "Assignee", the entire right, title and interest in and to above-identified invention invented by the Assignor and as described in the United States Application Number or PCT International Application Number

U.S. Patent Application 16/346,630 filed electronically May 01, 2019

(Scrial No. and filing date unknown at time of signing, however, Applicant's representative is specifically authorized to insert the relevant serial No. and filing date in the space above as soon as it becomes known) and in and to all applications for patent for said invention in all countries, and all divisions, reissues, continuations and extensions of any of said applications, and all rights of priority resulting from the filing of any said applications; and Assignor authorizes and requests any official whose duty is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and Assignor agrees that on request and without further consideration, but at the expense of said Assignee, Assignor will communicate to said Assignee or its representatives any facts known to Assignor respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce a proper patent protection for said invention in all countries.

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

The undersigned hereby grants the law firm of Carrier Blackman & Associates, PC the power to insert any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

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PATENT REEL: 049049 FRAME: 0681

LEGAL NAME OF SOLE OR FIRST INVENTOR: Koh MURATA
Inventor's Signature: K. Aut. Date: 19 March, 2019
Residence: City: <u>CHUO-KU, TOKYO</u> State: Country: <u>JAPAN</u>
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City: CHUO-KU, TOKYO State: Postal Code: 104-8439 Country: JAPAN
Additional inventors are being named on the _ supplemental sheet(s) attached hereto.