## 503651719 01/15/2016 PATENT ASSIGNMENT COVER SHEET

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		NEW ASSIGNMENT			
SUBMISSION TYPE: NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY DA	ΔΤΔ				
		Name		Execution Date	
TSUYOSHI TAKATANI				12/07/2015	
RECEIVING PARTY DA	ТА				
Name:	KABUS	KABUSHIKI KAISHA TOSHIBA			
Street Address:	1-1, SH	IBAURA 1-CHOME			
Internal Address:	MINAT	MINATO-KU			
City:	ΤΟΚΥΟ	ТОКҮО			
State/Country:	JAPAN				
	1				
PROPERTY NUMBERS	Total: 1				
Property Type		Number			
Application Number: 148		14853159			
CORRESPONDENCE D	ΑΤΑ				
		703)816-4100			
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Doc code: Oath Docur

Document Description: Oath or declaration filed		13G070220-USA-A				
	Attorney Docket Number	MJS-5137-26				
	First Named Inventor	Tsuyoshi TAKATANI				
INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) USING AN APPLICATION DATA SHEET (37 CFR 1.76) Declaration Submitted With Initial Filing						
OR						
[Tremer]	4 M 4 M 5 1					
Declaration Submitted After Initial Filing (surcharge (37 C.F.R. § 1.16(f)) required)						
MOVING BODY POSITION ESTIMATING DEVICE, MESTIMATING METHOD, AND NON-TRANSITORY R						
(Title of the Invention)	di Alaman ang manan kabaman kaban na maga na patra na papat akya na papan di pakana mitagan yikan dapan	anna an an Anna				
As a below named inventor, I hereby declare that:						
This declaration is directed to:						
The attached application.						
OR						
IX United States Application Number or PCT International application number <u>14/863,1</u> filed on <u>September 14, 2015</u>	69					
The above-identified application was made or authorized to be made by me.						
I believe I am the original inventor or an original joint inventor of a claimed invention in the application.						
I hereby acknowledge that any willful false statement made in this declaration is punishal by fine or imprisonment of not more than five (5) years, or both.	ble under 18 U.S.C. 1001					
WHEREAS, the undersigned (hereinafter ASSIGNOR), has made an invention in the App	plication identified above.					
WHEREAS, KABUSHIKI KAISHA TOSHIBA (hereinafter ASSIGNEE), a corporation of the Country of Japan, having an office and place of business at 1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan is desirous of acquiring an interest therein:						
NOW. THEREFORE, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNOR by these presents hereby sells, assigns, and transfers unto the said ASSIGNEE, its successors, assigns, and legal representatives. ASSIGNOR's entire right, tille and interest in the United States of America and all foreign countries, in and to the invention as described in the aforesaid application, and to the invention and to all subsequent applications based thereon including any and all continuations, divisions, relaxues, and substitutes of said application, and all resulting patents, together with the right of priority under the international Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents. Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and the ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successore, assigns, and legal representatives. It is understood and agreed that ASSIGNEE's altorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention;						
ASSIGNOR hereby agrees to transfer a like interest upon request of said ASSIGNEE, its further remuneration, in and to any improvements, and applications for patents based the	successors, assigns, and legal re recn, growing out of or related to	epresentatives, and wilhout the said invention;				
ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its successors, assign full protection and title in and to the invention hereby transferred; and	s, and legal representatives, deer	ned essential to ASSIGNEE'S				
ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without further remuneration filing and granting of foreign applications and the perfecting of fittle thereto in ASSIGNEE.	n, to execute any and all papers of	desired by ASSIGNEE, for the				
AGREED and executed as noted below:						
LEGAL NAME OF SOLE OR FIRST INVENTOR: (E.g., Given Name (first and middle (if any)) and Family Name or Surname)	n na mana na ma Na mana na mana	nan markan na ba'a ana kana kana kana kana kana kana ka				
Tsuyoshi	T/	AKATANI				
Inventor's Signature: Tsuyoshi Takatani		7, 2015				
[ ] Additional inventors are being named on the one supplemental sheet(s) PTO/AIA/10 attached hereto						

(Page 1 of 1)

"Note: PTO Rules state "A person may not execute an oath or declaration for an application unless that person has reviewed and understands the contents of the application, including the claims, and is aware of the duty to disclose to the Office all information known to the person to be material to patentability as defined in [37 CFR] § 1.56."

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## PATENT REEL: 037501 FRAME: 0517

## **RECORDED: 01/15/2016**