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Ale	exanc	Iria, VA 22313-1450			Atte	orney Docket No.	148266		
Please record the attached document.									
Total number of pages including cover sheet, attachments, and document: 2									
1.	Α.	Name of conveying party: Takeshi NANAMI	2.	TOYOTA JIDOSHA KABUSI KAISHA 1, TOYOTA-CHO					
	В.	Additional name(s) of conveying party(ies) attac	hed?						
3,	A.	Nature of conveyance:			TOYOTA-SHI, AICHI 471-8571 JAPAN				
	$\boxtimes$	Assignment		В.	Additiona	l name(s) & addre	name(s) & address(es) attached?		
		Security Agreement Change of Nan	ne			□Yes ⊠ No			
	Ļ	Other							
	В.	Execution Date: December 7, 2010							
4.	A.	Patent Application No. 13/003,965		В.	Patent No.	.(s)			
		Additional numbers attached?							
	C.	C. Title of Application: OBJECT DETECTING APPARATUS							
5.		ne and address of party to whom correspondence cerning document should be mailed:	6.	6. Total nu		f applications and	patents involved: 1		
		Name: James A. Oliff			Please charge Deposit Account No. 15-0461 th total fee (37 CFR 3.41) in the amount of \$\frac{40.00}{20.00}\$.				
	Ad	dress: OLIFF & BERRIDGE, PLC P.O. Box 320850 Alexandria, VA 22320-4850 Phone Number: 703-836-6400 Fax Number: 703-836-2787	8.			payment or charge number 15-0461	any underpayment to		
9.	To t	tement and signature.  the best of my knowledge and belief, in foregoing that document.	insprince is t	rue and	d correct a	nd any attached c	opy is a true copy of the		
		es A. Oliff, Registration No. 27,075 jamin S. Prebyl, Registration No. 60,256			Date: <u>J</u> a	anuary 13, 2011			

PATENT REEL: 025638 FRAME: 0067

## ASSIGNMENT

		ASSIGNMENT					
		(I) Takeshi NANAMI (5)					
(1-8)	8) Insert Name(s)	(2)(6)					
	of Inventor(s)	(3)(7)					
		(4)(8)					
		In consideration of the sum of one dollar (\$1.00) and other good and val paid to each of the undersigned, each undersigned agrees to assign, and hereby does set over to	hishle consideratio				
(9)	Insert Name of Assignee	(9) TOYOTA JIDOSHA KABUSHIKI KAISHA					
(10)	Insert Address of Assignee	(9) TOYOTA JIDOSHA KABUSHIKI KAISHA (10) 1, Toyota-cho, Toyota-shi, Aichi 471-8571 Japan					
		(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and leg the entire right, title and interest for the United States of America as defined in 35 U.S.C invention, and in all applications for patent including any and all provisional, non-provis continuation, international, confirmation, substitute and reissue application(s), and all Le	. §100, in the				
		extensions, reissues and reexamination certificates that may be granted on the invention	known as				
(11)	Insert Identification such as Title, Case	(11) Object Detecting Apparatus					
	Number, or Foreign		·····				
	Application Number	(Attorney Docket No. 148266					
		for which the undersigned has (have) executed an application for patent in the United on even date herewith or	States of America				
(12)	Insert Date of Signing of	(12) on December 7, 2010					
	Application	VIII 77 2010	<u> </u>				
(13)	Alternative	(13) U.S. application Serial					
	Identification for filed applications	Number 13/003,965 filedJanuary 13, 2011					
any app the Assi claims of reexamin Patents of full right and agre identific recordate	2) Each undersigned agrelication or continuation or d gnee in every way possible i 3) Each undersigned agre r provisions of the Internation 4) Each undersigned agree r provisions of the Internation 5) Each undersigned author 5) Each undersigned author 6 the United States resulting t to convey the entire interes tes that this assignment is bi 6) Each undersigned here ation that may be necessary ion of this document.	rees to execute all papers necessary in connection with any interference which may be decli- division thereof, or any patent or reissue application based thereon, for the invention, and to in obtaining evidence and going forward with such interference. rees to execute all papers and documents and perform any act which may be necessary in co- ional Convention for Protection of Industrial Property or similar agreements. rees to perform all affirmative acts which may be necessary to obtain, maintain or confirm inted States patent to the Assignee. horizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue an ag from said application(s) to the said Assignee, as Assignee of the entire interest, and cov- ist herein assigned, and that he has not executed, and will not execute, any agreements in co- inding on him and his heirs, successors, assigns and legal representatives. reby grants the firm of OLIFF & BERRIDGE, PLC the power to insert on this assignment any and desirable in order to comply with the rules of the United States Patent and Trademark of	ared concerning to cooperate with connection with by reissue or my and all Letters enants that he has onflict herewith,				
		uted by the undersigned on the date(s) opposite the undersigned name(s).					
Date Q	Occember 7, 2	Inventor Signature Vakeshi Nanami Takeshi NANAMI	(SEAL)				
Date _		Inventor Signature	(SEAL)				
Date _		Inventor Signature	(SEAL)				
Date _		Inventor Signature	(SEAL)				
If neither	This assignment should pref , then it should be signed be	eferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outs efore at least two witnesses who also sign here:	ide the U.S.A.				
Date _		Witness					
Date		Witness					

PATENT
RECORDED: 01/13/2011 REEL: 025638 FRAME: 0068