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Washington, D.C. 20231

Attorney Docket No.

109887

-		Of tox in								
	Т	o the Director of the U.S. Patent and Trademark Office: Pl	ease	recor	d the attached original document or copy thereof.					
1.	A. B.	Name of conveying parties: Hironori MIYAKOSHI Nobuyuki FURUI Haruyuki KODERA Hiroyuki SATAKE Additional name(s) of conveying party(ies) attached?	2.	A.	Name and address of receiving party: TOYOTA JIDOSHA KABUSHIKI KAISHA 1, TOYOTA-CHO, TOYOTA-SHI, AICHI-KEN 471-8571 JAPAN					
		☐ Yes ⊠ No								
3.	A.	Nature of conveyance: 8/13/0]		В.	Additional name(s) & address(es) attached? ☐Yes ☒ No					
	\boxtimes	Assignment								
		Security Agreement Change of Name								
ļ		Other								
	B.	Execution Date: <u>August 7, 2001</u>								
4.	A. If this document is being filed together with a new application, the execution date of the application is: <u>July 25, 2001</u>									
	В.	Patent Application No.(s)		C.	Patent No.(s)					
		Additional numbers atta	ched	? [Yes 🛭 No					
5.	Name and address of party to whom correspondence concerning document should be mailed:				6. Total number of applications and patents involved: 1					
	Name: James A. Oliff				7. A. Total fee (37 CFR 3.41)\$ 40.00					
					B. Enclosed (Check No. <u>121754</u>)					
	Ac	ddress: OLIFF & BERRIDGE, PLC P.O. Box 19928 Alexandria, VA 22320	Credit any overpayment or charge any underpayment to deposit account number 15-0461.							
DIA	21	00000131 09927490 40.00 DP								
9.	9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.									
James A. Oliff Registration No. 27,075 Mario A. Costantino Registration No. 33,565 Total number of pages including cover sheet, attachments, and document: 2										

ASSIGNMENT

The content			(1) <u>Hi</u>	ronori Miyakoshi	(5)					
Insert Name of Assigner 10 Insert Name of Name of Assigner 10 Insert Name of Assigner 10 Insert Name of N	(1-8)		(2) <u>No</u>	buyuki Furui	(6)					
Part			(3) <u>Ha</u>	ruyuki Kodera	(7)					
Insert Name of Assignce Part			(4) <u>Hi</u> i							
Assignce Segment Seg			In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, each undersigned agrees to assign, and hereby does assign, transfer and set over							
Insert Date of Spring of	(9)		(9) TO	VOTA IIDOSHA KARUS	CHIKI KAISHA					
therematter designated as the Assignecy and Assignec's heirs, successors, assigns and legal representations, the entire right, tithe and interest for the United States of America as defined in \$1.05.C.\$100, in the invention, and and applications for parent including any and all provisional, non-provisional, divisional, continuations, substitute, and resisses applications, and all Letters Patent, extensions, resisses and recumentation on the invention and any patent or related that any be greated on the invention and to the invention of the invention of the invention of the invention of the invention for filed application for patent in the United States of America as applications for the invention, and any patent or release applications for the invention, and any patent or release applications for the invention, and any patent or release applications. 11.2 It is an invention of the invention, and any patent or release applications are the Assignment of the invention, and any patent or release application of the invention, and any patent or release application or the invention, and any patent or release application or the invention, and any patent or release application or the invention, and any patent or release application has difference which may be declared concerning any application or provisions of the invention, and represent the concerning any application or the invention, and any patent or release application has difference which may be declared concerning any application or provisions of the invention, and any patent or release application has difference which may be declared concerning any application or provisions of the invention, and application of the invention, and the operation of the invention of the invention, and the patent of the invention o	(10)	Insert Address of								
Insert Date of Spring of Applications 1.00 1.		Assignee								
Identification Surface Alacem Surface			entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, substitute, and reissue application(s), and all Letters Patent, extensions, reissues and							
Such as Title, Case Number, or Forcing Application Number The ALARM DEVICE Application Number Application Number August 10,0887	(11)		(II) AL	ARM DEVICE AND	RUNNING CONTR	OL APPARATUS IN	CLUDING			
Application Number for which the undersigned has (have) executed an application for patent in the United States of America on even date herewith or 112) Insert Date of Signing of Application 113) Insert Date of Signing of Application 114) Application 115 Each undersigned agrees to execute all papers necessary in connection with any application and any continuing, divisional or reissue applications for the invention, and any patent(s) issuing thereon, and also to execute separate assignments in connection with such applications and patents as the Assigner any deem necessary 2) Each undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning any application or continuation or division thereof, or any patent or reissue application based thereon, for the invention, and any possible in obtaining evidence and going forward with such interference. 3) Each undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning any application or continuation or division thereof, or any patent or reissue application based thereon, for the invention, and to cooperate with the Assignee: 3) Each undersigned agrees to execute all papers and documents and perform any activation and any continuition or or continuation or continuation or division thereof, or any patent or reissue application based thereon, for the invention, and to cooperate with the Assignee. 3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements. 4) Each undersigned authorizes and requests the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covernants that he has not executed. And will not execute, any any agreements in conflict free w			TH	E ALARM DEVICE						
for which the undersigned has (have) executed an application for patent in the United States of America on even date herewith or seven date herewith or even date herewith or signature filed application and any continuing of the filed application for filed applications of the invention, and any patents; issuing thereon, and also to execute separate assignments in connection with such applications or the invention, and any patents; issuing thereon, and also to execute separate assignments in connection with such applications and patents as the Assignee may deem necessary; 2) Each undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning any application to continuation or division thereof, or any patent or reissue application based thereon, for the invention, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference. 3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements. 4) Each undersigned agrees to perform all affirmative acts which may be necessary to connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements. 5) Each undersigned agrees to perform all affirmative acts which may be necessary in connection with active provisions and application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he has full right to convey the entire interest herem assigned, and that he has not executed, and will not execute, any agreements in conflict herewith, and agrees that this assignment is binding on him and hits heirs, successors, assigns and legal representatives. 6)			(Attorney D	Oocket No109887)			
Insert Date of Signing of Application Control of Signing of Signing of Control of Signing of Signing of Signing of Signing of Signing Office of Signing of Signing Office of Signing Offic										
Signing of Application	413.	To A Date of	even date h	erewith or						
Identification for filed applications filed August 13, 2001	(12)	Signing of	(12) on	July 25, 2001						
1) Each undersigned agrees to execute all papers necessary in connection with any application and any continuing, divisional or reissue applications for the invention, and any patentity; issuing thereon, and also to execute separate assignments in connection with such applications and patents as the Assignee may deem necessary. 2) Each undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning any application or continuation or division thereof, or any patent or reissue application based thereon, for the invention, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference. 3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements. 4) Each undersigned agrees to perform all affirmative acts which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements. 4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee. 5) Each undersigned authorizes and requests the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he has full right to convey the entire interest herein assignment in the said Assignee, as Assignee of the entire interest, and covenants that he has full right to convey the entire interest herein assignment and the hash and executed and will not execute, any agreements in conflict herewith, and agrees that this assignment is binding on him and his heirs, successful, and all Letters Patents of the United States Patent and Trademark Office	(13)		(13) U.S.	application Serial Number			·			
1) Each undersigned agrees to execute all papers necessary in connection with any application and any continuing, divisional or reissue applications for the invention, and any patent(s) issuing thereon, and also to execute separate assignments in connection with such applications and patents as the Assignee may deem necessary. 2) Each undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning any application or continuation or division thereof, or any patent or reissue application based thereon, for the invention, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference. 3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the Intermational Convention for Protection of Industrial Property or similar agreements. 4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee. 5) Each undersigned authorizes and requests the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he has full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreements in conflict herewith, and agrees that this assignment is binding on him and his heirs, successors, assigns and legal representatives. 6) Each undersigned hereby grants the firm of OLIFF & BERRIDGE, PLC the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of his document. In winess whereof, executed by the undersigned on the date(s) opposite the undersigned name(s). Date August			filed Aug	ust 13, 2001						
Date August 7, 2001 Inventor Signature Nobeyuki Furui (SEAL)	or provereexame resulting interest is binding that ma	 3) Each undersigned agrees isions of the International Cot 4) Each undersigned agrees ination a grant of a valid Unit 5) Each undersigned author g from said application(s) to therein assigned, and that he ing on him and his heirs, succ 6) Each undersigned hereby by hereessary or desirable in 	to execute all nvention for P is to perform all ted States pate rizes and requesthe said Assign has not execut essors, assigns / grants the firm	papers and documents and protection of Industrial Proper affirmative acts which man et to the Assignee. Sets the Commissioner of Paper, as Assignee of the entired, and will not execute, and legal representatives. In of OLIFF & BERRIDGE, P	perform any act which refer to r similar agreement by the necessary to obtain a tents to issue any and covenancy agreements in conflict. It is the power to insert of the power to inse	nts. In maintain or confirm by rank Letters Patents of the Uts that he has full right to confirm the therewith, and agrees that in this assignment any furth	eissue or nited States onvey the entire this assignment er identification			
Date August 7, 2001 Inventor Signature Nobiguki Furui (SEAL)		In winess whereof, execut	ted by the unc	lersigned on the date(s) or	oposite the undersigne	ed name(s).				
Date August 7, 2001 Inventor Signature Robeyuki Furui (SEAL) Date August 7, 2001 Inventor Signature Robeyuki Rodeva (SEAL) Date August 7, 2001 Inventor Signature Rireyuki Satake (SEAL) Date Inventor Signature (SEAL) Date Inventor Signature (SEAL) Date Inventor Signature (SEAL) This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:	Date		,		2/2000	minhali	(SEAL)			
Date Inventor Signature (SEAL) Date Inventor Signature (SEAL) Date Inventor Signature (SEAL) Date Inventor Signature (SEAL) This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:				Inventor Signature	Nobuyuki	Furni	(SEAL)			
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Date Inventor Signature (SEAL) Date Inventor Signature (SEAL) Date Inventor Signature (SEAL) Date Inventor Signature (SEAL) This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:	Date			Inventor Signature	Hiroyaki	Satake	(SEAL)			
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neither, then it should be signed before at least two witnesses who also sign here:	Date	- And the Market of Market		Inventor Signature			(SEAL)			
Date August 7, 2001 Witness Masayuki Furutani Witness	neither,	This assignment should pre- then it should be signed befo	ferably be sign ore at least two	ed before: (a) a Notary Pub witnesses who also sign be	lic if within the U.S.A.	(b) a U.S. Consul if outsic	le the U.S.A. If			
Date Witness	Date	August 7, 2001		Witness _	Masayuki	Furntani				
	Date			Witness _						

RECORDED: 08/13/2001

PATENT REEL: 012074 FRAME: 0664