FORW PTO-1595

OMB No. 0651-0027 (exp. 5/31/2002) BOX ASSIGNMENT

(Rev. 03/01)

11-01-2002



102268831

10.28.02

:R

U.S. Department of Commerce U.S. Patent and Trademark Office

Attorney Docket No. 1612.029

To the Honorabi	a Commissionar of Patants and Trademarks: Pl	
		ease record the attached original document(s) or copy(ies) thereof:
Name(s) of conveying party(ies):		2. Name(s) and address(es) of receiving party(ies):
Hirokazu IKUMA and Tatsuro KOSHINO		Toyota Jidosha Kabushiki Kaisha 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan
Additional name(s	) of conveying party(ies) attached? ☐ Yes <b>x</b> No	
3. Nature of Cor	iveyance:	
<b>x</b> Assignment	☐ Merger ☐ Security Agreement	
☐ Change of Name ☐ Other		
Execution Date: October 2, 2002		Additional name(s) & Address(es) attached? ☐ Yes <b>x</b> No
4. Application nu	umber(s) or patent number(s):	
If this document	is being filed together with a new application	n, the execution date of the application:
A. Patent Application Number(s):		B. Patent Number(s):
, atom cappile	alion Number(5).	D. Fatent Number(5).
7. Tatont Applic	ation Number(s).	B. Faterit Number(s).
29/167,052	ation Number(s).	B. Fatent Number(s).
29/167,052		B. Patent Number(s).
29/167,052 002 KZEWDIE 00000	0016 29167052	B. Patent Number(s).
	0016 29167052 40.00 OP	attached?  Yes x No
29/167,052 002 KZEWDIE 00000 021 5. Name and add	0016 29167052 40.00 OP	
29/167,052 002 KZEWDIE 00000 021 5. Name and add	Additional numbers a dress of party to whom correspondence	attached? □ Yes <b>x</b> No
29/167,052  002 KZEWDIE 00000  021  5. Name and add concerning do	Additional numbers a dress of party to whom correspondence ocument should be mailed:	attached? ☐ Yes <b>x</b> No  6. Total number of applications and patents involved: 1
29/167,052  002 KZEWDIE 00000  021  5. Name and add concerning do Name:	Additional numbers a dress of party to whom correspondence ocument should be mailed:  Perry J. Saidman	attached?  Yes x No  6. Total number of applications and patents involved: 1  7. Total fee (37 CFR 3.41): \$40.00  x Enclosed  Charge any deficiency to deposit account
29/167,052  DO2 KZEWDIE 00000  D21  5. Name and add concerning do Name:	Additional numbers and dress of party to whom correspondence ocument should be mailed:  Perry J. Saidman  1110 Bonifant Street	attached?  Yes x No  6. Total number of applications and patents involved: 1  7. Total fee (37 CFR 3.41): \$40.00 x Enclosed
29/167,052  002 KZEWDIE 00000  021  5. Name and add concerning do Name: Street Address:	Additional numbers and dress of party to whom correspondence focument should be mailed:  Perry J. Saidman  1110 Bonifant Street  Suite 510	attached?  Yes x No  6. Total number of applications and patents involved: 1  7. Total fee (37 CFR 3.41): \$40.00  x Enclosed  Charge any deficiency to deposit account
29/167,052  DO2 KZEWDIE 00000 D21  5. Name and add concerning do Name: Street Address: City:	Additional numbers and dress of party to whom correspondence ocument should be mailed:  Perry J. Saidman  1110 Bonifant Street  Suite 510  Silver Spring  MD  Zip 20910	attached?  Yes x No  6. Total number of applications and patents involved: 1  7. Total fee (37 CFR 3.41): \$40.00  x Enclosed  Charge any deficiency to deposit account  Charge entire fee (\$) to deposit account
29/167,052  002 KZEWDIE 00000  021  5. Name and add concerning do Name: Street Address:  City:	Additional numbers and dress of party to whom correspondence focument should be mailed:  Perry J. Saidman  1110 Bonifant Street  Suite 510  Silver Spring  MD  Zip  20910  DO NOT USE	attached?  Yes x No  6. Total number of applications and patents involved: 1  7. Total fee (37 CFR 3.41): \$40.00  x Enclosed  Charge any deficiency to deposit account  Charge entire fee (\$) to deposit account  8. Deposit account number:
29/167,052  DO2 KZEWDIE 00000 D21  5. Name and add concerning do Name: Street Address:  City: State:  9. Statement an	Additional numbers and dress of party to whom correspondence ocument should be mailed:  Perry J. Saidman  1110 Bonifant Street  Suite 510  Silver Spring  MD  Zip  20910  DO NOT USE  d signature.  y knowledge and belief, the foregoing informations.	attached?  Yes x No  6. Total number of applications and patents involved: 1  7. Total fee (37 CFR 3.41): \$40.00  x Enclosed  Charge any deficiency to deposit account  Charge entire fee (\$) to deposit account  8. Deposit account number:  ETHIS SPACE
29/167,052  DO2 KZEWDIE 00000 D21  5. Name and add concerning do Name: Street Address:  City: State:  9. Statement an To the best of my	Additional numbers and dress of party to whom correspondence focument should be mailed:  Perry J. Saidman  1110 Bonifant Street  Suite 510  Silver Spring  MD  Zip  20910  DO NOT USE  d signature.  by knowledge and belief, the foregoing informational document.  Saidman  26,028	attached?  Yes x No  6. Total number of applications and patents involved: 1  7. Total fee (37 CFR 3.41): \$40.00  x Enclosed  Charge any deficiency to deposit account  Charge entire fee (\$) to deposit account  8. Deposit account number:

PATENT REEL: 013432 FRAME: 0414



Date:\_\_\_\_\_

**RECORDED: 10/28/2002** 

ASSIGNMENT BY INVENTOR(S)				
In consideration of the supaid to each of the undersigned:		, or equivalent, and other good and valuable consideration and Tatsuro KOSHINO		
	Name of I	nventor(s)		
the undersigned hereby sells(s) and	assign(s) to:			
are didensighed fields) sensor and	TOY	OTA JIDOSHA KABUSHIKI KAISHA		
the entire right, title and interest:	(Assignee)			
Check applicable box(es)	for the United States (as defined in 35 U.S and throughout the v the right to claim pri	of America S.C. §100), world, including the right to file foreign application(s) and ority from the corresponding U.S. application(s),		
in the invention(s) known asFR		AMP FOR AN AUTOMOBILE e of Invention)		
filed September 09, 2002 reissues, extensions, renewals, reex full end of the term or terms for v enjoyed by the above-named Assignassignment and sale not been made	n the United States of Ami (also known as United Sta ), in any and all pro- caminations, divisions and which such Letters Patent nee the same as they wou	erica has (have) been executed by the undersigned on tes Application Serial No. 29/167,052 evisional and complete applications thereon, in any and all continuations of such applications or Letters Patent(s) to the (s) issue, such entire right, title and interest to be held and all have been held and enjoyed by the undersigned had this		
continuing, divisional, reissue, re-	examination or correspo	necessary in connection with the application(s) and any nding application(s) thereof and also to execute separate gnee may deem necessary or expedient.		
declared concerning the applicatio	n(s) or any continuation,	cessary in connection with any interference which may be division, reissue or reexamination thereof and to cooperate e and going forward with the interference.		
The undersigned agree(s) United States patent to the Assignee		e acts which may be necessary to obtain a grant of a valid		
		(they have) full right to convey the entire interest herein of execute, any agreement in conflict therewith.		
Group, 1110 Bonifant Street, Suit	e 510, Silver Spring, M sary or desirable in orde	n, Esq., Registration No. 26,028, of SAIDMAN <b>DesignLaw</b> D 20910, power to insert on this assignment any further r to comply with the rules of the United States Patent and		
IN WITNESS WHEREOF, 6		ed on the date(s) opposite the undersigned name(s).		
Date: 10ctober, 2,2003	Signature of Inventor:	V Hirokazu Ikuma		
Date: VOctober 2 Jos 2	Signature of Inventor:	V Hirokam Ikuma V Tatsuro Koskino		
Date:	Signature of Inventor:			

Signature of Inventor:

Copyright © 1996 SAIDMAN **DesignLaw** Group. All Rights Reserved. a:\f.5

PATENT REEL: 013432 FRAME: 0415