Mail Stop: Assignment Recordation Services Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	RECORDATION FORM PATENTS C	DNLY	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office rney Docket No. 147534
Please record the attached document.  Total number of pages including cover she	eet, attachments, and docume		<u> </u>
A. Name of conveying parties:         (1) Tetsuo YAMAMO         (2) Kimitaka MURASI         (3) Yasuyoshi SAWAI         (4) Takechika KIRIYA         B. Additional name(s) of conveying	HITA DA A	FUJITS 2-28, G HYOGO	address of receiving party: SU TEN LIMITED OSHO-DORI 1-CHOME O-KU, KOBE-SHI O, 652-8510
3. A. Nature of conveyance:  Assignment  Security Agreement  Other  B. Execution Date: (1) and (2) (3) and (4): October 29, 20		B. Additional	name(s) & address(es) attached? □Yes ☑ No
4. A. Patent Application No. 12/92	45.096	B. Patent No.(	(s)
	Additional numbers attack	ned? 🗌 Yes 🖾 No	
C. Title of Application: ON-V	EHICLE DEVICE AND	RECOGNITION S	UPPORT SYSTEM
Name and address of party to whom concerning document should be mail     Name: James A. Oliff  Address: OLIFF & BERRIDG	ed:	7. Please charg	ge Deposit Account No. 15-0461 the CFR 3.41) in the amount of \$40.00.
P.O. Box 32085 Alexandria, VA 2237 Phone Number: 703-83 Fax Number: 703-83	50 20-4850 336-6400	8. Credit any overp deposit account	rayment or charge any underpayment to number 15-0461.
9. Statement and signature.  To the best of my knowledge and bet original document.  James A Oliff, Registration No. 27, Jeffrey R. Bousquet, Registration No.	075		nd any attached copy is a true copy of the overnber 12, 2010

PATENT REEL: 025303 FRAME: 0650

## U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), inventor(s) (hereinafter, "ASSIGNOR") by (Insert Name(s) & Address(cs) of ASSIGNEE(S)) FUJITSU TEN LIMITED	and of other good and valuable consideration paid to the undersigned
2-28, Gosho-dori 1-chome, Hyogo-ku, Kobe-shi, Hyo	go, 652-8510 Japan
(hereinafter, "ASSIGNEE"), the receipt of which is hereby ackn ASSIGNEE the eatire and exclusive right, title and interest to th (Title of Invention) ON-VEHICLE DEVICE AND RECOGNITION SUPP	,
relating to International Patent Application PCT/JP / executed on even date herewith or, if not so executed, was:  (a) executed on (1), (2):10-28-2010 (3), (4):10-29-2010	and/or for which application for Letters Patent of the United States was  (Insert date of execution of application, if not concurrent)
(3), (4):10-29-2010 (b) filed on November 12, 2010  Serial No. 12 / 945,096	Assignees s attorney is hereby authorized to insert in (b) the specified data, when known.
	tes granted on said application and any continuation, division, renewal, r the full term or terms for which the said Letters Patent(s) may be granted and application(s) and Letters Patent(s)").
which the ASSIGNEE may deem necessary, desirable or expedie including in the preparation and prosecution of said application (s reexamination, or public use proceeding, and in any litigation or c	E and without charge to but at the expense of said ASSIGNEE, to do all acts cut, for securing, maintaining and enforcing protection for said invention, s) and the issuance of said Letters Patent(s), in any interference, reissue, wher legal proceeding which may arise or be declared in relation to same, such agreed assignments and declarations, taking all rightful oaths, providing

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

1)_	Tetsuo Yamamoto	Tetsuo YAMAMOTO	Oct. 28.2010
2)	(Signature) Cimitaka Mundrita	(Ίγρε Νοπε) Kimitaka MURASHITA	Oct , 28, 20 10
,	(Signature)	(Type Name) Yasuyoshi SAWADA	(Date)
3)	Ta suyoshi Sawada (Sienature)	(Type Name)	Oct. 29, 2010
4)	( Disposition by	Takechika KIRIYA	(Linuxy)
T)	(Signature)	(Type Name)	(Date)
<i>\$</i> )			
*	(Signature)	(Type Name)	(Date)

PATENT REEL: 025303 FRAME: 0651

## U.S. ASSIGNMENT

(Insert Name(s) & Address (cs) of ASSIGNEE(S)) FUJITSU TEN LIMITED		
2-28, Gosho-dori 1-chame, Hyogo-ku, Kobe	a-shi,Hyogo, 852-8510 Japan	To community you have a second to the second
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(hereinester, "ASSIGNEE"), the receipt of which is he ASSIGNEE the contro and exclusive right, title and int (Title of Invention)  ON-VEHICLE DEVICE AND RECOGNITION	lerest to the invention entitled	NOR heroby sells, assigns and transfers
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relating to International Patent Application PCT/JP executed on ever date herewith or, if not so executed,	and/or for which application f	for Lovers Patent of the United States w
(a) executed on (1), (2):10-28-201 (3), (4):10-29-201	(Insert date of execution of appli	cation, if not consurrent)
(b) filed on November 12, 2010 Serial No. 12/ 945,096	Assignee's attorney is hereby	authorized to insert in (b) the specified
		any continuation distribution are and
and to said application and all Letters Patent(s) of the Usubstitute, reissue or recognization application based the including any extensions thereof (collectively, hereinal The ASSIGMOR agree(s), when requested by said A which the ASSIGMER may doen necessary, desirable circluding in the proparation and prosocution of said approximately in the proparation and prosocution are public use proceeding, and in any lies acts to include but not be limited to excepting all papers award testimony, and obtaining and producing evidence	United States granted on said application and a hereon, for the full term or terms for which the flor, "said application(s) and Letters Patent(s)"  ASSIGNEE and without charge to but at the ear expedient, for according, maintaining and expedient (s) and the issuance of said Letters Pration or other legal princeeding which may arise, including separate assignments and declarate.	said Lettors Patent(s) may be granted as ").  **The same of said ASSIGNEE, to do all act aforcing protection for said invention, alent(s), in any interforence, relacing, ise or be declared in relation to same, sur tions, taking all rightful orths, providing
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and to said application and all Letters Patent(s) of the I substitute, release of recrammation application based it including any extensions thereof (collectively, hereinal The ASSIGNOR agrec(s), when requested by said A which the ASSIGNER may deem necessary, desirable which the ASSIGNER may deem necessary, desirable which the ASSIGNER may deem necessary and in any link proceeding, and in any link proceeding, and in any link acts to include but not be limited to exceeding all paper eworn testimony, and obtaining and producing evidence IN WITNESS WHEREOF, the undersigned inventor (Signature)	United States granted on said application and hereon, for the full term or terms for which the fier, "said application(s) and Letters Patent(s)"  ASSIGNEE and without charge to but at the ear expedient, for according, maintaining and explication(s) and the issuance of said Letters Pration or other legal princeoding which may arise, including separate assignments and declarate.  Tetsuo YAMAMOTO  (Type Name)  Kimitaka MURASHITA  (Type Name)  Yasuyoshi SAWADA	said Lettore Palent(s) may be granted as ").  ***  ***  **  **  **  **  **  **  **

PATENT REEL: 025303 FRAME: 0652

**RECORDED: 11/12/2010**