

BOX ASSIGNMENTS

07-30-1998

DO NOT USE FOR TRADEMARKS

F 100779396					
TO THE ASSISTANT COMMISSIONER OF PATENTS AND TRADEMARKS: SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.					
1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)):			2. 3. 4. 5. 6. 7. 8.		
1. Noriaki SHIRAI					
3.			4.		
5.			6.		
7.			8.		
ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO					
2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:					
NAME: DENSO CORPORATION					
ADDRESS: 1-1, Showa-cho, Kariya-city, Aichi-pref., 448-0029 JAPAN					
ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO					
3. NATURE OF CONVEYANCE (DOCUMENT): (Submit herewith <u>only one document</u> for recordation—multiple copies of same Assignment signed by different inventors is one document)					
<input checked="" type="checkbox"/> ASSIGNMENT OF <input checked="" type="checkbox"/> WHOLE <input type="checkbox"/> PART INTEREST					
EXEC. DATE: June 30, 1998					
<input type="checkbox"/> CHANGE OF NAME <input type="checkbox"/> VERIFIED TRANSLATION <input type="checkbox"/> SECURITY <input type="checkbox"/> MERGER <input type="checkbox"/> OTHER:					
EXECUTION DATE(S) ON THE DECLARATION IF FILED HERewith: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) June 30, 1998					
4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO					
A. PAT. APP. NO.(S) series code/serial no		M#	1 st INVENTOR if not in item 1		B. PATENT NO(S) M#
NEW APPLICATION		255179			
5. Name & Address of Party to Whom Correspondence Concerning Document Should be Mailed: Pillsbury Madison & Sutro LLP Intellectual Property Group 1100 NEW YORK AVENUE, N.W. NINTH FLOOR, EAST TOWER WASHINGTON, D.C. 20005-3918			6. NUMBER INVOLVED: APPLNS 1 + PATS 0 = TOTAL 1		
			7. AMOUNT OF FEE ENCLOSED: (Code 581) ABOVE TOTAL x \$40 = \$40		
5.5 ATTY DKT:			8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975		
PMS 255179		U3-9814-YK	UNDER ORDER NO		60388
MATTER NO.		CLIENT REF.	dup. sheet not required		255179
			CLIENT NO.		MATTER NO.
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.					
10. Total number of pages including this cover sheet, attachments and document (do not file dup. Cover sheet)					2
07/28/1998 ASSEMBLY 00000053 09121050 02 FC:581 Attorney: Glenn J. Perry Reg. No. 28458 Atty/Sec: GJP/rgf Date: July 23, 1998 TEL: (202) 861-3070 FAX: (202) 822-0944					

FILE WITH PTO RETURN RECEIPT (PAT-103A)

PATENT

REEL: 9343 FRAME: 0267

PAT-114X 3/98

Please return signed/recorded to:
Cushman Darby & Cushman
Intellectual Property Group of
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Ninth Floor, East Tower
1100 New York Avenue, N.W.
Washington, D.C. 20005-3918

USA Patent Appln.
Sole or Joint

For Inventions made outside USA
executed with or after application
Atty Dkt. 255179 U3-9814-YK
Mw Client Ref

NONPROVISIONAL

ASSIGNMENT
OF NONPROVISIONAL APPLICATION

NONPROVISIONAL

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, to wit:

INSERT NAME(S) OF INVENTOR(S)	(1) Noriaki SHIRAI	(4)
	(2)	(5)
	(3)	[] x box if continued on page 2

the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto:

INSERT NAME(S) OF ASSIGNEE(S) & ADDRESS(ES)	DENSO CORPORATION
	of 1-1, Showa-cho, Kariya-city, Aichi-pref. 448-0029 Japan

(hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all applications including any and all divisions, continuations, substitutes, and reissues thereof; and all resulting patents, known as

TITLE OF INVENTION OBSTACLE RECOGNITION SYSTEM FOR AUTOMOTIVE VEHICLE

for which the undersigned executed an application for Letters Patent of the United States of America:

NOTE →→
(Complete
line A, B and/or C)

(A) ☒ even date herewith
(B) ☒ on June 30, 1998
(C) ☐ in U.S. Appln. No. / filed

AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE.

AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

NOTE →→ The undersigned hereby authorize(s) Cushman Darby & Cushman Intellectual Property Group of Pillsbury Madison & Sutro, of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

INVENTOR(S)	DATE SIGNED	WITNESSES
1) <u>Noriaki Shirai</u> Name: Noriaki Shirai	<u>June 30, 1998</u>	<u>Tetsuya Nakamura</u>
2) _____ Name: _____	_____	_____
3) _____ Name: _____	_____	_____
4) _____ Name: _____	_____	_____
5) _____ Name: _____	_____	_____

IF ADDITIONAL INVENTORS, check box ☐ and continue on page 2.