

BOX ASSIGNMENTS

04-27-1998

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4-27-98		100694619	
TO THE ASSISTANT COMMISSIONER OF SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.			
1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)):			
1. Xuhua YANG		2. Masahiro HARA	
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 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: December 25, 1997			
<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!)			
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* INVENTOR if not in item 1	B. PATENT NO.(S) M#
08/996,345	244538		
5. Name & Address of Party to Whom Correspondence Concerning Document Should be Mailed:		6. NUMBER INVOLVED: APPLNS 1 + PATS 0 = TOTAL 1	
Pillsbury Madison & Sutro LLP Intellectual Property Group 1100 NEW YORK AVENUE, N.W. NINTH FLOOR, EAST TOWER WASHINGTON, D.C. 20005-3918		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 244538	046565-US/KY	UNDER ORDER NO	30954 244538
MATTER NO.	CLIENT REF.	dup. sheet not required	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.			
Signature			10. Total number of pages including this cover sheet, attachments and document (do not file dup. Cover sheet)
Attorney: G. Lloyd Knight			2
Reg. No. 17698		Date: April 16, 1998	
Atty/Sec: GLK/dcw		FAX: (202) 822-0944	
TEL: (202) 861-3090			

04/22/1998 LSNEED

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FILE WITH PTO RETURN RECEIPT (PAT-103A)

05 FC:584

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PATENT  
REEL: 9116 FRAME: 0612

PAT-114X 3/98

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

USA Patent Appln.  
Sole or Joint

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For Inventions made outside USA  
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MM

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) Xuhua Yang	(4)
	(2) Masahiro Hara	(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
	1-1 Showa-cho, Kariya-city, Aichi-pref., 448 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 TWO-DIMENSIONAL CODE READING APPARATUS

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

(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>Xuhua Yang</u> Name: Xuhua Yang	<u>December 25, 1997</u>	<u>Yutaka Matsushima</u>
2) <u>Masahiro Hara</u> Name: Masahiro Hara <i>M.H.</i>	<u>December 25, 1997</u>	<u>Yutaka Matsushima</u>
3) <u>Masahiro Hara</u> <i>December 25, 1997</i> Name: <u>Masahiro Hara</u>	<u>December 25, 1997</u>	<u>Yutaka Matsushima</u> <i>Y.M. December 25, 1997</i>
4) _____ Name: _____	_____	_____
5) _____ Name: _____	_____	_____

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