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2. PARTY(IES) (ASSIGNEE(S NAME: SUMITOMO ELECTRI						
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ADDRESS: 5-33, Kitahama 4-	chome, Chuo-	ku, Osaka-shi, Osak	a 541 Japan			
ADDITIONAL NAME(S) & ADD			S ⊠NO			
3. NATURE OF CONVEYANO			A			
(Submit herewith only one of document)	<u>document</u> for r	ecordation—multiple	e copies of same A	ssignment signed by	different inventors is one	
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4.5 APPL. NO.(S) OR PAT NO	.(S). OTHER:					
A. PAT. APP. NO.(S) M# series code/serial		1# INVENTOR if not in item 1	B. PATENT NO(S) M#	1# INVENTOR if not in item 1	
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09/121,308 25432 5. Name & Address of Party to			C NUMBER IN	VOLVED.		
Concerning Document Sho		spondence	6. NUMBER INVOLVED: APPLNS <u>1</u> + PATS <u>0</u> = TOTAL <u>1</u>			
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9. STATEMENT AND SIGNAT	TIDE					
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Signature

Attorney: Glenn J. Perry Reg. No.

28458 Atty/Sec: GJP/sdm TEL: (202) 861-3070

Date: February 24, 1999

FAX: (202) 822-0944

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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: (4)(1)Toshiaki KAKII INSERT NAME(S) OF (5)INVENTÓR(S)] x box if continued on page 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: SUMITOMO ELECTRIC INDUSTRIES, LTD. INSERT NAME(S) OF ASSIGNEE(S) 5-33. Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541 Japan & ADDRESS(ÉS) (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 TWO-WAY INTERACTIVE SYSTEM, TERMINAL EQUIPMENT AND IMAGE PICKUP APPARATUS HAVING MECHANISM FOR MATCHING LINES OF SIGHT BETWEEN INTERLOCUTORS THROUGH TITLE OF INVENTION TRANSMISSION MEANS for which the undersigned executed an application for Letters Patent of the United States of America: (A X even date herewith (Complete line A, Band/or (B on (C filed on in U.S. Appln. 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 legals 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, L.L.P. of the above address to insert hereon any further identification necessary or desirable for recordation of this document. INVENTOR(S) DATE SIGNED WITNESSES Tooliaki Kakii March 28, 1996 Name: Toshiaki KAKII 2) Name: 3) Name: 4) Name: 5)

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PATENT REEL: 9785 FRAME: 0631

RECORDED: 02/24/1999

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

Name: