		02-23-1	999				
	BOX ASSIGNMENTS	<del></del>		DO NOT USE	FOR TRADEMARKS		
				<b>/</b> "	•		
	TO THE ASSISTANT COMMISSIONER	TO THE ASSISTANT COMMISSIONER 100970986					
		SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.					
	1. NAME OF CONVEYING PARTY(IES)	(ASSIGNORS(S)):	l a		t a s		
	1. OKUYAMA, Takehiko		2. 4.		31		
Н	3. SHIMODA, Kenji 5. ENDOH, Kenjiro		6.		45 245		
9	7.		8.		252		
١	7. ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? ☐YES ☑NO						
	a DARTY((FO) (ACCIONEE(O)) RECEIVING INTERECT.						
١	2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST: NAME: KABUSHIKI KAISHA TOSHIBA						
	(VIII)						
ز	ADDRESS: 72, Horikawa-cho, Saiwai-ku, Kawasaki-shi, Kanagawa-ken, 210 Japan						
	ADDITIONAL NAME(S) & ADDRESS(ES	S) ATTACHED? TYES	MNO				
١	3. NATURE OF CONVEYANCE (DOCU		<u> </u>				
	(Submit herewith only one document for recordation—multiple copies of same Assignment signed by different inventors is one						
		document)					
	☑ASSIGNMENT OF ☑WHOLE ☐PART INTEREST <b>EXEC. DATE</b> : April 7, 1997						
	• <del>-</del> =	URATE TRANSLATION					
		SECURITY MERGER OTHER:					
	EXECUTION DATE(S) ON THE DECLARATION IF FILED HEREWITH: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) April 7, 1997						
	4.5 APPL. NO.(S) OR PAT NO.(S). OTH		SHEET(S) attached?	YES ⊠NO			
	A. PAT. APP. NO.(S) M#	1st INVENTOR	B. PATENT NO(S)	M#	1st INVENTOR		
	series code/serial	if not in item 1			if not in item 1		
	260003			a .			
5. Name & Address of Party to Whom Correspondence 6. NUMBER INVOLVED:							
	Concerning Document Should be Ma	APPLNS $\underline{1}$ + PATS $\underline{0}$ = TOTAL $\underline{1}$					
	Pillsbury Madison & Sutro LLP	7. AMOUNT OF FEE ENCLOSED: (Code 581)					
	Intellectual Property Group	ABOVE TOTAL x \$40 = \$40					
	1100 NEW YORK AVENUE, N.W.						
2	NINTH FLOOR, EAST TOWER WASHINGTON, 9000015003235115						
	5561TTY DKT: 40.00 0P		8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE				
			INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975				
١	PMS 260003 MATTER NO.	PCUS-P1078T CLIENT REF.	UNDER ORDER NO dup, sheet not required	41050 CLIENT NO.	260003 MATTER NO.		
ı	MATTER NO.	dap. shock not required	CLIENT NO.	I WATTER 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				<del>,                                    </del>			
	/	cover sheet, attachm		2			
	Se_ B	(do not file dun Cove	onio ana aocument ar chaat)	<b>'  </b>			

FILE WITH PTO RETURN RECEIPT (PAT-103A)

Date: 2/5/99 FAX: (202) 822-0944

Dale S. Lazar 28872

Attorney: Dale S.
Reg. No. 28872
Atty/Sec: DSL/amp

Signature

TEL: (202) 861-3527

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 For Inventions made outside USA executed with or after application

. Dkt.

51237 | PCUS-P1078T M# | Client Ref.

NONPROVISIONAL

## NONPROVISIONAL

**RECORDED: 02/05/1999** 

## ASSIGNMENT OF NONPROVISIONAL APPLICATION

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

each of the unde	ersigned, to wit:	-	•			
INSERT	(1) Takehiko OKUYAMA		(4)			
NAME(S) OF INVENTOR(S)	(2) Kenji SHIMODA	(5)	(5)			
IME (IONG)	(3) Kenjiro ENDOH	[ ] x box	if continued on page 2			
the receipt and sassign(s) and tra	sufficiency of which are hereby acknowle ansfer(s) unto:	edged by the undersigne	d who at the request of, hereby sell(s),			
	KABUSHIKI KAISHA TOSHIBA					
INSERT NAME(S) OF	72, Horikawa-cho, Saiwai-ku	, Kawasaki-shi,				
ASSIGNÉE(S) & ADDRESS(ES)	Kanagawa-ken 210 Japan					
U.S.C. 100, in th	ignated "ASSIGNEE") the entire right, ti ne invention and all applications includin resulting patents, known as	tle and interest for the Ur g any and all divisions, c	nited States of America as defined in 35 ontinuations, substitutes, and reissues			
TITLE OF INVENTION	A DEVICE HAVING A DIGITAL DISTING SUCH A DEVICE AND A	INTERFACE AND A NI	ETWORK SYSTEM			
INVENTION						
	for which the undersigned executed an	application for Letters P	ratent of the United States of America:			
NOTE → → (Complete	(A) even date herewith					
line A, B and/or C)	(B) on					
	(C) in U.S. Appln. No.	filed				
and Trademarks assigns and leg	AND the undersigned hereby authorize s to issue said Letters Patent to the said als representatives; the undersigned ago on behalf of said ASSIGNEE;	e(s) and request(s) the U ASSIGNEE, for its intere ree(s) that the attorney of	nited States Commissioner of Patents est as ASSIGNEE, its successors, frecord in said application shall			
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 title in and to the invention hereby transferred.						
<u>NOTE</u> → → Pillsbury Madise	The undersigned hereby authorize(s) (on & Sutro LLP of the above address to of this document.	Cushman Darby & Cushr insert hereon any further	man Intellectual Property Group of identification necessary or desirable			
	INVENTOR(S)	DATE SIGNED	WITNESSES			
1) Ta	kehiko Okuyama	April 7, 1997	Masahira Tapahashi			
.:	ehiko OKUYAMA	<del></del>				
2)	enji Sh, moda	Apr 7. 1987	Masahira Takahashi			
	ji SHIMODA /	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
3)	enjiro Fndoh	April 7, 1997	masahiro Tapahashi			
	jiro ENDOH	7				
4)						
Name:						
5)						
Name:		_				
IF ADDITIONA	L INVENTORS, check box 🔲 and cor	ntinue on page 2.				

CDC-114 9/96

PATENT REEL: 9771 FRAME: 0499