FORM PTO-1619A U.S. Department of Commerce Expires 06/30/99 Patent and Trademark Office 06-13-2001 OMB 0651-0027 FUJI 121 FEE ENCLOSED \$40.00 RE T Please Charge any further fee to 101746955 Deposit Account No. 18-0002 TO: The Director of Patents and Trademarks: Please record the attached original document(s) or convies) **Submission Type** Conveyance Type **⋈** New ☒ Assignment ☐ Security Agreement □Resubmission (Non-Recordation) □ License ☐ Change of Name Document ID# ☐ Merger ☐ Other □Correction of PTO Error U.S. Government Reel # Frame # (For Use ONLY by U.S. Government Agencies) ☐ Departmental File ☐ Secret File ☐ Corrective Document Reel # Frame # Execution Date
Day Year Conveying Party(ies) Mark if additional names of conveying parties attached Name (line 1) 03292001 KOBAYASHI, Toshihiko Name (line 2) **Second Party Execution Date** Month Day Year Name (line 1) Name (line 2) **Receiving Party** ☐Mark if additional names of conveying parties attached If document to be recorded is an assignment and the receiving party Name (line 1) Oki Electric Industry, Co. Ltd. Name (line 2) is not domiciled in the United States an appointment of a domestic representative is attached. representative is attached.
(Designation must be a separate Address (line 1) 7-12, Toranomon 1-chome document from Assignment) Minato-ku Address (line 2) **JAPAN** Tokyo Address (line 3) State/Country Zip Code City **Domestic Representative Name and Address** Enter for the first Receiving Party only. 음 Name Steven M. Rabin 40,00 Address (line 1) RABIN & CHAMPAGNE, P.C. 00000067 09874363 Address (line 2) 1101 14th Street, N.W. Address (line 3) Suite 500 Address (line 4) 20005 D.C. Washington

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06/13/2001

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PAGE 2

U.S. Department of Commerce Patent and Trademark Office **PATENT FUJI 121**

Correspondent Name and Address Area Code and Telephone Number 202-659-1915					
Name	Steven M. Rabin				
CUSTOMER NUMBER	23995				
Pages Enter the total number of pages of the attached conveyance document # 1					
Application Number(s)					
If this document is being filed together with a <u>new Patent Application</u> , enter the date the patent application was signed by the first named executing inventor.			e date the patent	Month Day Year 03292001	
Patent Cooperation 7	Treaty (PCT)				
Enter PCT application only if a U.S. Application has not been assigned	• •		PCT PCT	PCT PCT	
Number of Properties Enter the total number of properties involved. #					
Fee Amount	Fee Amount f	for Properties List	ed (37 C.F.R. 3.41):	\$ 40.00	
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Deposit Account (Enter for payment by deposit account or if additional fees can be charged to the account.)					
Deposit Account Number: # 18-0002					
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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. Charges to deposit account are authorized, as indicated herein.					
Steven M. Rabin Name of Person Signii	St	Even Mi Kabi	<u>√</u> <u>June</u> Date	6, 2001	
INAME OF LELENH SIGNI	is pisiia		Date		

PATENT REEL: 011878 FRAME: 0008

Attorney Reference	
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ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREASloshihiko KO	BAYASHI of c/o Oki Electric	: Industry Co., Ltd.
7-12, Toranor	non 1-chome, Minato-ku, To	okvo, Japan
hereinafter referred to collectively a	s the assignor, has invented	d a certain improvement
relating to "COMMUNICATION TE	RMINAL APPARATUS AND	d a certain improvement COMMUNICATION INTERCEPTING
APPARATUS"		
	said application being exc	ecuted concurrently with the execution of this
instrument; said application to be file		
[] said application having been file		
		my attorneys, Steven M. Rabin, Thomas M.
		BIN & CHAMPAGNE, P.C., 1101 14th Street,
Suite 500, Washington, D.C. 20005		
) the	application serial number of	of said application when known;
[] said application having been file	ed under the Patent Cooper	ation Treaty on,
Serial No.)	, the United States	of America being designated.
AND WHEREAS Oki Electric	Industry Co., Ltd.	
	anomon 1-chome, Minato-k	u, Tokvo, Japan
		g the entire right, title and interest in and to said
application, including any and all di	visions and continuations the	ereof, and in and to said invention and any and
all patents which may be granted th	erefor, including any and all	renewals, reissues and prolongations thereof;
NOW THIS WITNESSETH, the	at for and in consideration	n of One Dollar (\$1.00), and other good and
valuable consideration paid by said	assignee to said assignor.	, the receipt of which is hereby acknowledged,
said assignor hereby assigns sel	ls and transfers to said as	ssignee, and said assignee's successors and
secione the full and evolutive right	title and interest in and to	said application, including any and all divisions
and continuations thereof, and in a	nd to eaid invention and any	and all patents which may be granted therefor,
and continuations thereof, and in a	niceuse and prolongations	thereof; said assignee, and said assignee's
including any and all renewals, i	sissues and prolongations	acid application including any and all divisions
successors and assigns, to have, r	old, exercise and enjoy the	said application, including any and all divisions
and continuations thereof, and the	said invention and any ar	nd all patents which may be granted therefor,
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such patents when granted, including	ng any and all renewals, reis	sues and prolongations thereof, for the use and
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the said assignor might or could ha	ve held and enjoyed the sar	me, if this assignment had not been made.
AND said assignor hereby	agrees to perform, upon the	e request of said assignee, or said assignee's
cupageore or assigns, any and all	acts relating to the obtaining	ng or to the asserting of said patents, including
any and all renewals, reissues and	prolongations thereof	ig of to the abborning of care paterno, including
any and an renewals, reissues and	on and requests the Comm	nissioner of Patents and Trademarks to issue
AND said assignor authorize		and centinuctions thereof
Letters Patent on said application,	and on any and all divisions	and continuations thereof,
to said assignee, and said assigne	es successors and assigns,	, in accordance nerewith.
	M . $I \rightarrow D$	
EXECUTED,	Planch of	, 2001.
WITNESS:	ASSIGNO	7 ;
1/ 1/ 1/	(()	(
Signature: Karnko Kot	signature Signature	: Tospikito Kabarashi
Kumiko KOBAYASH		,
NUMILKO NUDAIADI	¹ Name:	Toshihiko KOBAYASHI

RABIN & CHAMPAGNE, P.C., Washington, D.C.

RECORDED: 06/06/2001

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