Docket No.: OKI.484 FORM PTO-1595 (Modified) U.S. DEPARTMENT OF COMMERCE 01-17-2003 HEET (Rev. 03-01) Patent and Trademark Office OMB No. 0651-0027 (exp.5/3 /2002) P08A/REV03 Tab settings → → To the Honorable Commissioner of Paterns at 02341249 the attached original documents or copy 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Tokio MIYASITA Name: Oki Electric Industry Co., Ltd. Address: 7-12, Toranomon 1-chome, Minato-ku Additional names(s) of conveying party(ies) 3. Nature of conveyance: ★ Assignment Merger City: Tokyo ☐ Security Agreement Change of Name State/Prov.: □ Other Country: Japan ZIP: Execution Date: December 13, 2002 ☑ No Additional name(s) & address(es) ☐ Yes 4. Application number(s) or patent numbers(s): If this document is being filed together with a new application, the execution date of the application is: **December 13, 2002** B. Patent No.(s) Patent Application No. Filing date NEW January 10, 2003 01/13/2003 EFLORES 00000002 10339457 03 FC:8021 40.00 DE ☐ Yes 🏻 No Additional numbers 6. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: ADAM C. VOLENTINE 7. Total fee (37 CFR 3.41):....\$ 40.00 33,289 Registration No. Enclosed - Any excess or insufficiency should be credited or debited to deposit account Address: VOLENTINE FRANCOS, P.L.L.C. ☐ Authorized to be charged to deposit account 12200 SUNRISE VALLEY DRIVE, SUITE 150 8. Deposit account number: 50-0238 City: RESTON \_\_\_\_\_ State/Prov.: VA \_\_\_\_\_ZIP: 20191 (Attach duplicate copy of this page if paying by deposit account) Country: U.S.A.

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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.

ADAM C. VOLENTINE

January 10, 2003

Name of Person Signing Signature

Date

Attorney Reference	
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## ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

	REAS		
hereinafter re	eferred to collectively as th	e assignor, has invented a	certain improvement
relating to _	ANALOG SUMING AND DIFF	RENCING CIRCUIT, OPTICAL	L RECEIVING CIRCUIT, OPTICAL TRANSMITTING
			CY COMPENSATION AMPLIFIER, AND LIMITING AMPLIFIED
[ ] the inv	entor(s) declaration for sa	iid application being exect n the United States Patent	uted concurrently with the execution of this
Instrument; s	iald application to be filed it	the United States Patent	and Trademark Office on
[ ] Said app	ncation having been filed if	horoby given to my atte	rneys, Raymond C. Jones and Adam C.
Volentine of	VOI ENTINE ERANCOS	PLLC 12200 Suprise Valls	y Drive Suite 150, Reston, Virginia 20191, to
			the application serial
	aid application when knowr		
[ ] said appl	lication having been filed u	nder the Patent Cooperation	on Treaty on,
Serial No. )_		, the United States of	America being designated.
AND WI	HEREAS Oki Electric Ind	ustry Co., Ltd.	
	of 7-12, Torano	<u>mon 1-chome, Minato-ku, i</u>	Tokyo, Japan
hereinafter	referred to as the assigned	e, is desirous of acquiring the	he entire right, title and interest in and to said
application, i	ncluding any and all division	ons and continuations there	eof, and in and to said invention and any and
all patents wi	nich may be granted there	for, including any and all re	enewals, reissues and prolongations thereof; of One Dollar (\$1.00), and other good and
NOW II	nio Wilnesselin, uidi cidoration paid by said as	eignee to said assignor th	ne receipt of which is hereby acknowledged,
valuable con	sideration paid by said as or hereby assigns, sells a	nd transfers to said assig	gnee, and said assignee's successors and
assigns, the	full and exclusive right, titl	e and interest in and to sai	id application, including any and all divisions
and continua	tions thereof, and in and to	said invention and any an	nd all patents which may be granted therefor,
including an	v and all renewals, reiss	ues and prolongations the	ereof; said assignee, and said assignee's
successors a	and assigns, to have, hold,	exercise and enjoy the sa	iid application, including any and all divisions
and continua	ations thereof, and the sa	id invention and any and	all patents which may be granted therefor,
including any	y and all renewals, reissue	s and prolongations there	of, with all the rights, powers, privileges and
advantages i	in anywise arising from or	appertaining thereto, for a	and during the term or terms of any and all
such patents	when granted, including a	ny and all renewals, reissue	es and prolongations thereof, for the use and igns, in as ample and beneficial a manner as
the earld assi	a assignee, and said assig	held and enjoyed the same	ights, in as ample and beneficial a marrier as
	said assignor hereby agre	es to perform upon the re	equest of said assignee, or said assignee's
SUCCESSORS (	or assigns, any and all act	s relating to the obtaining	or to the asserting of said patents, including
anv and all re	enewals, reissues and prol	ongations thereof.	
AND :	said assignor authorizes a	and requests the Commiss	sioner of Patents and Trademarks to issue
Letters Pater	nt on said application, and	on any and all divisions an	d continuations thereof,
to said assig	nee, and said assignee's s	successors and assigns, in	accordance herewith.
		Peromber 13	
	EXECUTED,	rocomper 1.)	, 200 <u>2</u> .
WITNESS:		ASSIGNOR:	
	LM1		7 0.
Signature:	John from	∑ Signature: _	Tokio Myasita
J	Takahiro KAMEI	_	Tokio MIYASITA

**VOLENTINE FRANCOS, PLLC** 

**RECORDED: 01/10/2003** 

PATENT REEL: 013658 FRAME: 0029