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To the Honorable Director of the United States Patent and Tradem	ark Office: Please record the attached original documents or copy thereof.
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Kazuhiko ASAKAWA	Name: OKI ELECTRIC INDUSTRY CO., LTD
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Additional names(s) of conveying party(ies)	
3. Nature of conveyance:	22390 10/
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Execution Date: December 24, 2003	Additional name(s) & address(es) □ Yes ☒ No
4. Application number(s) or patent numbers(s): 1076	8076
If this document is being filed together with a new application	on, the execution date of the application is: December 24, 2003
Patent Application No. Filing date	B. Patent No.(s)
NEW February 2 2004	
NEW February 2, 2004	
NEW February 2, 2004	
NEW February 2, 2004	
NEW February 2, 2004 Additional number	ers ☐ Yes 🏿 No
	6. Total number of applications and patents involved:
Additional number 5. Name and address of party to whom correspondence	6. Total number of applications and patents involved:
5. Name and address of party to whom correspondence concerning document should be mailed: Name: ADAM C. VOLENTINE	6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41):\$ 40.00
5. Name and address of party to whom correspondence concerning document should be mailed: Name: ADAM C. VOLENTINE Registration No. 33,289	6. Total number of applications and patents involved:
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P.O. Box 1450, Alexandria, VA 22313-1450

PATENT

REEL: 014946 FRAME: 0655

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WILLIAM WATER ACAKAWA	
WHEREAS <u>Kazuhiko ASAKAWA</u> ereinafter referred to collectively as the assignor, I	has invested a partain improvement
elating to <u>METHOD OF DETERMINING</u> F	
IN POLISHING PROCESS	CEMAINING FILM INICANESS
	tion being executed concurrently with the execution of this
instrument; said application to be filed in the United	
I said application having been filed in the United	
	reby given to my attorneys, Raymond C. Jones and
	PLLC, , 12200 Sunrise Vally Drive Suite 150, Reston, Virginia
0191, to insert here in parentheses (Application S	
umber of said application when known;	
] said application having been filed under the Pa	tent Cooperation Treaty on,
Serial No.), the U	Inited States of America being designated.
AND WHEREAS Oki Electric Industry Co., Lt	hd
	me, Minato-ku, Tokyo, Japan
	us of acquiring the entire right, title and interest in and to said
	tinuations thereof, and in and to said invention and any and all
	ny and all renewals, reissues and prolongations thereof;
	nsideration of One Dollar (\$1.00), and other good and valuable
onsideration paid by said assignee to said assign	or, the receipt of which is hereby acknowledged, said assignor
	ee, and said assignee's successors and assigns, the full and
	application, including any and all divisions and continuations
	all patents which may be granted therefor, including any and all
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ave held and enjoyed the same, if this assignment	
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	the obtaining or to the asserting of said patents, including any
and all renewals, reissues and prolongations thereo	
	the Commissioner of Patents and Trademarks to issue Letters
atent on said application, and on any and all divisi	
o said assignee, and said assignee's successors a	and assigns, in accordance herewith.
\wedge	
EXECUTED, <u>December</u>	24,2003
VITNESS:	ASSIGNOR:
Signature: Hidetono Mishimura	Signatura: Kazulil 1-1
Digitature. 1971/1990 Ingumura	
	Name: <u>Kazuhiko ASAKAWA</u>

VOLENTINE FRANCOS, PLLC

RECORDED: 02/02/2004

PATENT REEL: 014946 FRAME: 0656