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		, ,,,, ======				Atto	rney Docket No.	<u>131620</u>	
Ples	ise re	scord the attached document.							
Tot	al nu	mber of pages including cover sheet, attac	hments, and documen	t: <u>2</u>					
1.	A.	Name of conveying parties:		2.	A.	Name and address	of receiving parti	ies:	
	В.	[1] Tetsuya NONOSHITA [2] Naoki TOGE Additional name(s) of conveying party				1-36, NORI 3-CHOME,	E CO., LIMIT TAKÊ-SHIN NISHI-KU SHI, AICHI-I	MACHI	
						210 TAKEN		RASIVE CO., LTD. HIMARU-CHO DKA-KEN	
3.	Α.	Nature of conveyance:			₿.	Additional name(s)) & address(eş) aı ∐Yes ⊠		
	☒	Assignment	et .						
		Security Agreement	ge of Name						
		Other							
	В.	Execution Date: [1] & [2]: April 2	5, 2007			_			
4.	Α.	Patent Application No.(s) 11/714.840	<u>5</u>		В.	Patent No.(s)			
	Additional numbers attached?								
	C. Title of Application: CMP PAD CONDITIONER								
5.		ne and address of party to whom corresponderning document should be mailed:	ndence	6.	Tota	l number of applicat	ions and patents	involved: 1	
	Na	me: James A. Oliff		7.	P	lcase charge Depo FR 3.41) in the an	sit Account No nount of \$40.00	o. 15-0461 the total fee (37).	
	Αđ	dress: OLIFF & BERRIDGE, PLC P.O. Box 19928 Alexandria, VA 22320 Phone Number: 703-836-6400 Fax Number: 703-836-2787		8.	Cred	iit any overpayment ber 15-0461.	or charge any und	derpayment to deposit account	
9.	To ti	ement and signature. he best of my knowledge and belief, the fo iment.	regoing information	's tru	ie ani	d correct and any at Date: May 29, 20		true copy of the original	
		A. Olif Registration No. 27,075 es E. Golladay, II Registration No. 58,182	ļ.			Dato. 1114y 27, 21	PAT	ENT	

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•			ASSIGNME	NT				
	Insert	(i) <u>Tetsu</u> y	/a NONOSHITA	(2)	Naoki TOGE			
24 MS	Name(s)							
(1-8)	of Inventor(s)	(3) <u> </u>	<u> </u>	<u> </u>				
		In paid to each of set over to	consideration of the sum of the undersigned, each un	of one dollar (5 idersigned agre	\$1.00) and other good ess to assign, and here	and valuable consideration by does assign, transfer and		
(9)	Intert Name of	res MODE	TAME CO. LINUTEDIA.		STISKOG ADDACTES	<u>ሶ</u> ሴ ተሞበ		
(10)	Assignee Insert Address of Assignee	(9) NORITAKE CO., UMITED: and NORITAKE SUPER ABRASIVE CO., LTD. 1-36, Noritake-shimmachi 3-chome, Nishl-ku, Nagoya-shi, Aichi-ken, Japan; and (10) 210, Takeno, Tanushimatu-cho, Kurume-shi, Fukuoka-ken, Japan						
		(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, substitute, and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as						
(11)	Insert Identification such as Title, Case Number, or Foreign Application Number	(II) CMP	PAD CONDITIONER			<u></u>		
		(Attorney Doc	ket No. 131620					
		for which the undersigned has (have) executed an application for patent in the United States of America on even date herewith of						
(12)	Insert Date of Signing of	(12) on						
(13)	Application Alternative	,	· · · · · · · · · · · · · · · · · · ·		4 Q46			
(15)	Identification for filed applications	filed	pplication Serial Number	March	7, 2007			
Assigned claims of cocxamil from sail berein a on him a	be necessary or desirable in	sining evidence is to execute all particles and convention all is to perform all industriates and requestignor, as Assigneented, and will instant the first order to comply order to comply.	and going forward with au sapets and documents and r Protection of Industrial F affirmative acts which ma the Assignee, as the Director of Patents 1 ace of the entire interest, a not execute, any agreeme esentatives. of Otiff & Regange, re, with the rules of the Unite	ch interference perform any a respecty or similar y be necessary to issue any and and covenants to the in conflict to the power to d States Patent	e. At which may be nece ital agreements. To obtain, maintain of all Letters Patents of hat he has full right to herewith, and agrees insert on this assignment of Trademark Office	essury in connection with confirm by reissue or the United States resulting abovey the entire interest that this assignment is binding that this assignment is binding.		
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Date .	<u>April 25, 2</u>	oo'/	Inventor Signature	Letsuya NON	<u> Va Nonoslai:</u> Oshita	<u>fa</u> (seal)		
Date _	April 25, 2	-00 <u>7</u>	Inventor Signature	Nachk Nacki TOGE	i Toge	(SEAL)		
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ncither, t	This assignment should profer hen it should be signed before	ably be signed b at least two wite	pelore: (a) a Notury Public nesses who also sign here:	: if within the C				
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	04. 2.5. 2	7 _	Witness	/lite	hillo Sh.	yw.		

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ASSIGN	IMENT
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	Insert	(1)	Telsuya NONOSHITA				
(1-8)	Name(5) of Inventor(5)	(3) (5)		(4)			
		(7)					
		paid to set ove	each of the undersigned, each un	of one dollar (\$1.00 dersigned agrees to	i) and other good and valuable o assign, and hereby does assi	: consideration ign, transfer and	
(9) (10)	Insert Name of Assignee Insert Address of	(9) ,	NORITAKE CO., LIMITED; an I-36, Noritake-shinmachi 3-chor	nc. Nishi-ku. Neec	wn-shi, Alchi-ken, Japan, and	I	
	Assignet	(10) 2(0, Tekeno, Tanushimaru-cho, Kurume-shi, Fukuoka-ken, Japan (hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal					
		represe §100, i divisio	matives, the entire right, title and n the invention, and in all applicati nal, continuation, substitute, and re examination certificates that may be	interest for the Unions for patent inchings in the inching issue application(s	ited States of America as defi ading my and all provisional,), and all Letters Patent, exten	ned in 35 U.S.C. non-provisional,	
(11)	Insert Identification such as Title, Case	(11)	CMP PAD CONDITIONER				
	Number, or Foreign Application Number	(Attorr	ney Docket No. 131620			_	
	•	for which the undersigned has (have) executed an application for patent in the United States of America					
(12)	Insert Date of Signing of		n date herewith or on				
	Application	(17)	The Royal Code Windows	11/714,846			
(13)	Alternative (dentification for	(13) filed	U.S. application Serial Number	March 7	, 2007		
	filed applications 1) Each undersigned sares	s in exec	ute all papers necessary in connec) issuing thereon, and also to exce	SUDDI WINI BNA BRAN	յանույլ այլա այդ օտուսատել, ա	visional or reissu	
Assigne claims of reexamination satisfaction and the control of th	the in every way possible in obt 3) Each undersigned agree or provisions of the Internation 4) Each undersigned agree ination a grant of a valid Unite 5) Each undersigned author id application(s) to the said Assessigned, and that he has not even and his heirs, successors, assig 6) Each undersigned herei y be necessary or desirable in nt. In witness whereof, execute	aining ever a to exceed to exceed to perfect the exceed to exceed the exceeded, and leave order to exceed the exceeded the exce	requests the Director of Patents to sensing the entire interest, and will not execute, any agreeme gal representatives. The firm of Ouirt & Researces, Paternotic with the rules of the United undersigned on the date(s) opposition.	ch interference. perform any act we' property or similar a y be necessary to co o issue any and all not oversmits that I nus in conflict here c the power to inse d States Patent and site the undersign	thich may be necessary in conspreements. Name of the United States of the Stat	nection with reissue or States resulting entire interest germent is binding her identification lation of this	
Date	<u>April 25, 2</u>	<i>σο </i>	Inventor Signature	PEUVA Telsuya NONOSE	<u>Nonoshita </u>	(SEAL)	
Date	April 25, 3	-00")	leventor Signature	Nachki Nacki TOGE	l oge	(SEAL)	
Date			Inventor Signature _		<u> </u>	(\$EAL)	
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neither,			signed before: (a) a Nolucy Public two witnesses who also sign here:		A. (b) B. U.S. Consul if ourside	the U.S.A. IF	
Date	04. 25.	2007	Witness	skih'l	hu Shihata	<u></u>	
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