To the Honorable Commissi 1. Name of conveying party(1. Kou HASEGAWA Yukio HOSAKA Additional name(s) of conveyin 3. Nature of Conveyance:	11-07-2002 102275237 1000000000000000000000000000000000000	rd the attached original documents or copy the 2. Name and address of receiving party(ies): Name: JSR Corporation Address: 11-24, Tsukiji 2-chome, Chuo-ku, Tokyo 104-8410, Japan	
■ Assignment □ Security Agreement □ Other	□ Merger □ Change of Name		
Execution Date:	July 22, 2002	Additional name(s) and address(es) attached? □Yes	
4. Application number(s) or pat	ent number(s):		
If this document is being filed to	ogether with a new application, th	he execution date of the application is:	
A. Patent Application No.(s)		B. Patent No.(s)	
10/252,696			
5 N 1 11 0	Additional numbers at		
5. Name and address of party to concerning document should be		6. Total applications and patents involved: 1	
22850		7. Total fee (37 CFR 3.41): \$40.00 ■ Enclosed □ Authorized to be charged to deposit accounts. 8. Deposit account number: 15-0030	
	DO NOT USE T	(Attach duplicate copy of this page if paying by deposit account)	
9. Statement and signature	DO NOT USE I	MIS STACE	
Norman F. Oblon Name of Person Signin Registration Number: 24 618	Short	signature An Koschmieder Irration No. 50,238 Cover sheet: 3	
	Do not detach t		
Mail documents to be recorded	with required cover sheet informa	ation to:	
	Commissioner of Paten	nts and Trademarks nments	

PATENT REEL: 013454 FRAME: 0864

10/252 616

Assignment of Application

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WHEREAS, I (WE)	Kou HASEGAWA and Yukio HOSAKA all of:	
	c/o JSR Corporation, 2-11-24, Tsukiji, Chuo-ku, Tokyo, Japan	
		-
		PUMPE II
· · · · · · · · · · · · · · · · · · ·		
		ectively,
	new and useful improvements in: Polishing pad for semiconductor wafer and polishing	process
using thereof		
for which an application	on for Letters Patent was executed on July 22, 2002	·
(Application No.	10/252,696 , filed September 24, 2002), and
WHEREAS, JS	SR Corporation	
(hereinafter referred to	o as "ASSIGNEE") having a place of business at: 11-24, Tsukiji 2-chome, Chuo-Ku, T	Tokyo
104-8410 Japan		
	ng the entire right, title and interest in and to said invention and in and to any Letters Pa	tent that
may be granted therefore	force in the United States and its territorial possessions and in any and all foreign countries	es;
NOW, THEREFO	ORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is	s hereby

acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

10/01

Page 2 of 2

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: July 22, 2002	長谷川亨
Date: July 22, 2002	(Signature of Inventor) Kou HASEGAWA
Date:	(Signature of Inventor) Yukio HOSAKA (Signature of Inventor)
Date:	(Signature of Inventor)
Date:	(Signature of Inventor)
Date:	(Signature of Inventor)
Date:	(Signature of Inventor)
Date:	(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
ATTORNEYS AT LAW
FOURTH FLOOR
1755 JEFFERSON DAVIS HIGHWAY
ARLINGTON, VIRGINIA 22202

10/01

RECORDED: 11/01/2002

PATENT REEL: 013454 FRAME: 0866