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U.S. DEPARTMENT OF COMMERCE

HEET

Patent and Trademark Office

	07-12-2001	Docket No. 360842007300
		JC03 Rec'd PCT/PT0 2 1 FEB 2001
To the Commissioner of Pa	1,01,7,74445	original documents or copy thereof.
1. Name of conveying party(ies): 1. Kuniyasu SHIRO 2. Kazuhiko HASHISAKA 3. Tetsuo OKA ☑ Individual(s) ☐ Association ☐ General Partnership ☐ Limited Partnership ☐ Corporation-State ☐ Other	Name: To Address: 2-	oray Industries. Inc. I Nihonbashi-Muromachi chome, Chuo-ku, Tokyo 103-8666 PAN
Additional name(s) of conveying party(ies) attached? Yes Additional name(s) & address(es) attached? Yes Yes		name(s) & address(es) attached? ☐ Yes 🗷 No
3. Nature of conveyance:	f Name	
 4. Application number(s) or patent number(s): If this document is being filed together with a ne A. Patent Application No.(s) Additional numbers attached? Yes No 		ne application is: February 13, 2001 . No.(s) . O 9 76 3 36 /
5. Name and address of party to whom corresponde		number of applications and patents involved: 1
document should be mailed: Barry E. Bretschneider Morrison & Foerster LLP 2000 Pennsylvania Avenue, N.W. Washington, D.C. 20006-1888) S E	fee (37 C.F.R. § 3.41): \$40.00 Enclosed Authorized to be charged to deposit account, referencing Attorney Docket 360842007300
[1000] [1	8. Deposit a	account number: 03-1952
The Commissioner is hereby authorized to charge any fees under 3:	7 C.F.R. § 1.21 that may be required by this paper	, or to credit any overpayment to Deposit Account No. 03-1952
The Commissioner is hereby authorized to charge any rees under 37	DO NOT USE THIS SPACE	E
document. Name: Barry E. Bretschneider Registration No: 28.055	regoing information is true and correct	and any attached copy is a true copy of the original February 21, 2001 Date
Total number of	pages comprising cover sheet, attachn	nents and document: 2
Mail document	s to be recorded with required cover U.S. Patent and Trademark Off Office of Public Records Box Assignments Crystal Gateway 4, Room 335 Washington, D.C. 20231	listed item(s)

dc-250862

PATENT REEL: 011957 FRAME: 0826

ASSIGNMENT

WHEREAS, We, Kuniyasu SHIRO, a citizen of Japan, residing at 3075-21, Mikumo, Kosei-cho, Koka-gun, Shiga 520-3221 Japan; Kazuhiko HASHISAKA, a citizen of Japan residing at 16-A2-17, Takehana Jizojiminamimachi, Yamashina-ku, Kyoto-shi, Kyoto 607-8088 Japan and Tetsuo OKA, a citizen of Japan, residing at 31-10, Oe 6-chome, Otsu-shi, Shiga 520-2141 Japan (hereinafter referred to as the undersigned), having made an invention entitled POLISHING PAD the undersigned executed an application for Letters Patent of the United States of America,

WHEREAS, Toray Industries, Inc., a corporation of Japan, with offices at 2-1, Nihonbashi-Muromachi 2-chome, Chuo-ku, Tokyo 103-8666 Japan (hereinafter referred to assignee), is desirous of acquiring the entire right, title and interest in said invention, said application and all letters patent issuing for said invention,

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and of other good and valuable consideration, receipt of which is hereby acknowledged, the undersigned, intending to be legally bound, does hereby sell, assign and transfer to the assignee the entire right, title and interest, for the United States of America, its territories and possessions, and for all foreign countries, in said invention, including said patent application, all divisions and continuations thereof, all rights to claim priority based thereon, all rights to file foreign applications on said invention, and all letters patent and reissues thereof, issuing for said invention the United States of America and in any and all foreign countries.

It is agreed that the undersigned shall be legally bound, upon request of the assignee, or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the undersigned has knowledge or possession relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the assignee, and to execute all instruments proper to carry out the intent of this instrument. If the undersigned includes more than one individual, these obligations shall apply to all of the undersigned both individually and collectively.

The rights and property herein conveyed by the undersigned are free and clear of any encumbrance.

RECORDED: 07/12/2001

Kuniyasu Shiru Kuniyasu SHIRO

Kazuhiko HASHISAKA

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PATENT REEL: 011957 FRAME: 0827