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Form PTO-1595 (modified RI \mathbf{T}^{-} U.S. DEPARTMENT OF COMMERCE (Rev. 03/01) U.S. Patent and Trademark Office 102292422 OMB No. 0651-0027 To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): KATANO, Akira TOKYO OHKA KOGYO CO., LTD. NAKAGAWA, Yusuke 150, Nakamaruko, Nakahara-ku, Kawasaki-shi, Kanagawa, Japan KONO, Shinichi DOI, Kousuke Additional name(s) of conveying party(ies) attached?

Yes

No 3. Nature of conveyance: ☐ Merger ☑ Assignment ☐ Security Agreement ☐ Change of Name Execution Date: October 4, 2002 Additional name(s) & address(es) attached?

Yes 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: October 4, 2002 A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? ☐ Yes ☑ No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$40.00 SUGHRUE MION, PLLC 2100 Pennsylvania Avenue, N.W. Enclosed. Suite 800 ☐ Authorized to be charged to Deposit Account No. 19-4880. Washington, D.C. 20037-3213 The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. 8. Deposit Account Number: 19-4880 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 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 November 15, 2002 Reg. No. 21,092 Date Total number of pages including cover sheet, attachments, and documents: 2 Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks Box Assignment Washington, D.C. 20231

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ASSIGNMENT

cons	In consideration of the sum of One Dollar (\$1.00), and other good and valuable deration, the receipt of which is hereby acknowledged, the undersigned, Akira KATANO, Yusuke NAKAGAWA, Shinichi KONO and Kousuke DOI
herel	y sells, assigns and transfers to
	TOKYO OHKA KOGYO CO., LTD. of 150, Nakamaruko, Nakahara-ku, Kawasaki-shi, Kanagawa, Japan
(here in an	inafter called the Assignee), its successors and assigns, the entire right, title, and interest to:
(i)	the application for United States Letters Patent entitled POSITIVE PHOTORESIST COMPOSITION AND METHOD OF PATTERNING RESIST THIN FILM FOR USE IN INCLINED IMPLANTATION PROCESS which was executed by the undersigned on the dates indicated below or was filed on and accorded Serial No. (hereinafter called the Application);
(ii)	any and all inventions and improvements which are described in the Application;
(iii)	any and all United States Letters Patents which may be granted on the Application (hereinafter called Patent);
(iv)	any and all divisions, continuations, substitutes, reexaminations, reissues, or extensions of the Application or Patent; and
(v)	all benefits under the International Convention for the Protection of Industrial Property.
	Said Assignee of said patent application and the attorneys appointed to prosecute said tapplication are authorized to insert in this instrument the filing date and serial number dapplication.
Lette	The Commissioner of Patents and Trademarks is authorized to issue any and all of said rs Patent, when granted, to said Assignee.
appli pape	Further, it is agreed that, when requested, without charge to but at the expense of said mee, the undersigned will execute all divisional, continuing, substitute, or reissue patent cations; execute all additional assignments and other writings, including reexamination is; and provide all reasonable assistance requested by the Assignee to secure and maintain opriate patent protection.
INV	ENTOR(S): DATE
(Aki	a KATANO) Okra Katano Citober 4, 2002
(Yus	ike NAKAGAWA) Yusake Makagawa Otober 4. 2002
(Shir	ichi KONO) Shimithi Trono October 4, 2002
(Kou	suke DOI) Houseke. Doi Tctober 4, 2002

RECORDED: 11/15/2002

PATENT REEL: 013500 FRAME: 0533