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To the Director of the United States Patent and Trademark Office. Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Tomonari NAKAYAMA Nissan Chemical Industries, Ltd. Masakazu KATO Address: 7-1, 3-chome, Kanda-Nishiki-cho, Chiyoda-ku, Takayasu NIHIRA Tokyo 101-0054, Japan Additional name(s) of conveying party(ies) attached?

Yes No 3. Nature of Conveyance: Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other Execution Date: 01/13/2004, 01/09/2004, 01/09/2004 Additional name(s) and address(es) attached?

Yes No 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: A. Patent Application No.(s) B. Patent No.(s) 10/488.093 Additional numbers attached?

Yes No 5. Name and address of party to whom correspondence 6. Total applications and patents involved: 1 concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$40.00 Customer Number Enclosed ☐ Authorized to be charged to deposit account Tel. (703) 413-3000 8. Deposit account number: 15-0030 Fax. (703) 413-2220 (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. Norman F. Oblon Name of Person Signing Corwin P. Umbach, Ph.D. Registration Number: 24,618 Registration No. 40.211
Total number of pages including this cover sheet: 3 Do not detach this portion Mail documents to be recorded with required cover sheet information to: Director of the United States Patent and Trademark Office Mail Stop Assignment Recordation Services Alexandria, Virginia. 22313 04/23/2004 CCHAU1 00000068 10488093 01 FC:8021 40.00 OP

> PATENT REEL: 015253 FRAME: 0802

Assignment of Application

Page 1 of 2

	WHEREAS, I (WE	Tomonari Nakayama, Masakazu Kato and Takayasu Nihira		
E		all of: c/o Nissan Chemical Industries, Ltd. Electric Materials Research Laboratories	s,	
RS:		722-1, Tsuboi-cho, Funabashi-shi, Chiba, Japan		
	· · · · · · · · · · · · · · · · · · ·			
5 N:				
			,	
		, respe	ctively,	
	have invented certain new and useful improvements in:			
	POSITIVE PHOT	OSENSITIVE POLYIMIDE RESIN COMPOSITION		
ED	for which an applic	January 13, 2004; January ation for Letters Patent was executed onand January 9, 2004	9, 20	
	(Application No.	10/488,093 , filed March 5, 2004), and	
OF SE	WHEREAS,	Nissan Chemical Industries, Ltd.		
	(hereinafter referred to as "ASSIGNEE") having a place of business at:			
	7-1, 3-chome, Kan	da-Nishiki-cho, Chiyoda-ku, Tokyo101-0054 Japan		

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is 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

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: Jan. 13ch, 2004	Omonari Makayama (Signature of Inventor) Tomonari Nakayama
Date: Jan. 9th, 2004	(Signature of Inventor) Tomonari Nakayama Masakaya Xato (Signature of Inventor) Masakaya Kato
Date: Jan 9th, 2004	(Signature of Inventor) Takayasu Nihira
Date:	(Signature of Inventor)
	(SIERALUIE OF INVERTOF)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
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