Mail Stop: Assignment Recordation Services Director of the U.S. Patent and Trademark Office P.O. Box 1450	RECORDATION FORM COVER SHEET PATENTS ONLY U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office					
Alexandria, VA 22313-1450		Attor	ntey Docket No. <u>126821</u>			
Please record the attached document. Total number of pages including cover sh	eet, attachments, and docume	ent: 2				
Name of conveying parties: Satoshi TAKEI Takahiro KISHIOKA Yasushi SAKAIDA Tetsuya SHINJO B. Additional name(s) of conveying	ing party(ies) attached? □ Yes ☑ No	NISSAN 7-1, KAJ	address of receiving party: (CHEMICAL INDUSTRIES, LTD. NDANISHIKI-CHO 3-CHOME, DA-KU, TOKYO, 101-0054			
3. A. Nature of conveyance:		B. Additional	name(s) & address(es) attached?			
☐ Assignment ☐	Merger					
EJ Boothly Algronian C	Change of Name					
Other			; ; ;			
B. Execution Date: <u>January 25</u>	5, 2005					
4. A. Patent Application No.(s) 10	/565,968	B. Patent No	.(s) : :			
Additional numbers attached? Yes No						
C. Title of Application: UNDERLAYER COATING FORMING COMPOSITION FOR LITHOGRAPHY CONTAINING COMPOUND HAVING PROTECTED CARBOXYL GROUP						
Name and address of party to whose concerning document should be managed.	n correspondence ailed:	6. Total number o	of applications and patents involved: 1			
Name: <u>James A. Oliff</u>		7. Please cha total fee (3	arge Deposit Account No. 15-0461 the 7 CFR 3.41) in the amount of \$40.00.			
Address: OLIFF & BERRIDGE P.O. Box 19928 Alexandria, VA 7 Phone Number: 703-8 Fax Number: 703-8	3 22320 836-6400		rpayment or charge any underpayment to nt number 15-0461.			
9. Statement and signature. To the best of my knowledge and original document.	belief the foregoing informa		and any attached copy is a true copy of the February 9, 2006			
James A. Oliff Registration No. 2 John W. Fitzpatrick Registration	7,075 No. 41,018					

PATENT REEL: 017247 FRAME: 0017 RELATION FROM THE CONTRACTOR SOLL

ASSIGNMENT

美洲岛 电对象	ASSIGN	MENT		
o T (Name(a)	(1) Satoshi TAKEI	(5)		
-8) Insert Name(s) of Inventor(s)	(2) Takahiro KISHIOKA	(6)		
	(3) Yasushi SAKAIDA	(7)		
	(4) Tetsuya SHINJO	(8)		
	In consideration	n of the sum of one	dollar \$1.00) a	nd other good and
	valuable consideration pai	d to each of the under	signed, each un	dersigned agrees to
	assign, and hereby does as	sign, transfer and set o	ver to	
9) Insert Name of Assignee	(9) NISSAN CHEMICAL	, INDUSTRIES, LTD.	m 1 101 0	DE 4 Temps
10) Insert Address of Assignee	(10) 7-1, Kandanishiki-ch			
	(hereinafter designated as	the Assignee) and Assi	gnee's heirs, suc	cessors, assigns an
	level representatives the	entire right, title and	i interest for th	ne Omneu States o
	America so defined in 35	$HSC \S 100$, in the in	ivention, and m	ин аррисанова к
	patent including any and substitute, and reissue app	all provisional, non-p	tors Parent: exte	ensions, reissues an
	reexamination certificates	that may be granted or	the invention l	mown as
	Z11X LINDERLAYER	COATING FORM	THE COMPO	SILION
11) Insert Identification,	FOR LITHOGE	APHY CONTAIN	ING COMPO	UND HAVING
such as Title, Case Number	PROTECTED C	ARBOXYL GROU	Р	
or Foreign Application	(Attorney Dacket No	126821)
Number	for which the undersigned	has (have) executed ar	application for	patent in the Unite
	States of America on even	date herewith or		
12) Insert Date of Signing of	(12) on January 2	25, 2006		
Application		10	IFF ACO	
(13) Alternative Identification	(13) U.S. application Ser	ial Number10/	202,900	
·	filedIanuar	y 31, 2006	a por application	and any continuir
 Each undersigned agree divisional or reissue application 	s to execute all papers neces	sary in connection with	ereon and also	to execute separa
declared concerning any applic thereon, for the invention, and	to cooperate with the Assig	gnee in every way poss	ible in obtainin	g evidence and goi
Each undersigned agree connection with claims or provi	es to execute all papers and	documents and perior.	ion of industria	l Property or simi
agreements.	es to perform all affirmative	acts which may be nec	essary to obtain	i, maintain or confi
5) Each undersigned auth	rant of a valid United States orizes and requests the Dir	rector of Patents to iss	ue any and all l	Letters Patents of
United States resulting from sa that he has full right to convey	the entire interest herein a	ssigned, and that he h	as not executeu. on him and his	heirs, successors,
any agreements in conflict here	with, and agrees that this	assignment is binding	OII IIIII AIRI IIIa	more, buttoness,
assigns and legal representative	es.	e a reprince PLC i	he nower of inse	ert on this assignm
Each undersigned here any further identification that	may be necessary or desir-	able in order to comply	y with the rules	of the United Sta
Patent and Trademark Office to In witness whereof, executed	by the undersigned on the	date(s) opposite the	ındersigned na	me(s).
		S - 1	1- 0	· ·
		No Cash	Jah	LÚ (SEA
Date Jan. 25, 2006 In	ventor Signature	700-0	+ + 1 / 1	
Date Jan. 25, 2006 In	ventor Signature	120 W/ V 16	Kerlioko	<i>(</i>
- 25 2006*	C:	Markowsky.		(SEA
Date Jan. 25, 2006 lx	ventor Signature	Jetsuya /Sh	injo	(SEA
Date Ir	iventor Signature			(SEA
DateIr	ventor Signature			(SEA
T-	wonter Signature			(SEA
1 11 fans	bly be gioned before: (a) a l	Notary Public II Within	the U.p.A. (b) a	O.S. Consultiout
This assignment should prefer the U.S.A. If neither, then it shoul DateW	litunee			
DateW	itness			
Datew	TUIC55		DΛ	TENT

RECORDED: 02/09/2006

REEL: 017247 FRAME: 0018