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U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

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): Takanori SANNAN Dainichiseika Color & Chemicals Mfg. Co., Name: Shinya TSUCHIDA Satoru YOSHINAGA 7-6, Bakuro-cho 1-chome, Nihonbashi, Kazushige IEDA Address: 521.02 Chuo-ku, Tokyo 103-8383, Japan Mitsutaka SEKI Additional name(s) of conveying party(ies) attached? □Yes ■No 3. Nature of Conveyance: ■ Assignment □ Merger □ Change of Name □ Security Agreement □ Other address(es) attached? □Yes ■No February 12, 2002 Execution Date: 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: B. Patent No.(s) A. Patent Application No.(s) 10/107,144 Additional numbers attached? □Yes ■No 6. Total applications and patents involved: 5. Name and address of party to whom correspondence 1 concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$40.00 ■ Enclosed □ Authorized to be charged to deposit account 8. Deposit account number: 15-0030 22850 (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 Registration Number: 24,618 Registration No. 48,082 Total number of pages including this cover sheet: Do not detach this portion Mail documents to be recorded with required cover sheet information to:

> **Commissioner of Patents and Trademarks Box Assignments**

Washington, D.C. 20231

PATENT REEL: 012918 FRAME: 0283

Assignment of Application

Page 1 of 2

WHEREAS, I (WE)	Takanori SANNAN, Shinya TSU	CHIDA, Satoru YOS	SHINAGA, Kazushige I	EDA and
	Mitsutaka SEKI all of whom c/o I	Dainichiseika Color	& Chemicals Mfg. Co.,	Ltd.,
	7-6, Bakuro-cho 1-chome, Nihonb	oashi, Chuo-ku, Toky	yo 103-8383 Japan	
				, respectively,
have invented certain I	new and useful improvements in: F	URIFIED CHITINS	AND PRODUCTION	PROCESS
THEREOF				
	on for Letters Patent was executed on	February 12, 200	2	
(Application No. 10), and
WHEREAS, Da	ainichiseika Color & Chemicals Mfg.	Co., Lia.		
				ionhachi
(hereinafter referred to	as "ASSIGNEE") having a place of t	ousiness at: 7-6, Ba	nkuro-cho 1-chome, Nih	ionoasin,
Chuo-ku, Tokyo 103-	8383 Japan			
Chuo-ku, Tokyo 103-		and to said invention	n and in and to any Lette	ers Patent that

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.

and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

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:	February 12,2002		J. Sarman
	February 12, 2002	(Signature of Inventor)	Takanori SANNAN Su dudu Shinya TSUCHIDA
	•	(Signature of Inventor)	Shinya TSUCHIDA S. Yoshinaga
Date:	February 12, 2002 February 12, 2002 X. Jeda	(Signature of Inventor)	Satoru YOSHINAGA
Date:	K. Jeda	(Signature of Inventor)	Kazushige IEDA
Date:	February 12, 2002	(Signature of Inventor)	M.Seki Mitsutaka SEKI
Date:		(Signature of Inventor)	
Date:			
Doto		(Signature of Inventor)	
Date:		(Signature of Inventor)	

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C. ATTORNEYS AT LAW

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PATENT REEL: 012918 FRAME: 0285