

Atty. Docket No.: 0171-0980P Page 1 of 1

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	atent and Trademark Office: inal documents or copy thereof.					
1. Name of conveying party(ies):  [FAMILY NAME (ALL CAPS), Given Name]  YAGINUMA, Atsushi  KOIKE, Yoshiaki  Additional name(s) of conveying party(ies) attached?  YES NO  3. Nature of conveyance:  Assignment Merger  Security Agreement Change of Name  Other:  Execution Date: May 26, 2003	2. Name and address of receiving party(ies)  Name: SHIN-ETSU CHEMICAL CO., LTD  Internal Address:  Street Address: 6-1, Otemachi, 2-chome, Chiyoda-ku  City: Tokyo State: ZIP:  Country: JAPAN Postal Code:  Additional name(s) & 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 A. Patent Application No(s).	B. Patent No.(s).					
NEW	 					
Additional numbers attact  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: BIRCH, STEWART, KOLASCH & BIRCH, LLP  Street Address: P.O. BOX 747  City: FALLS CHURCH State: VA ZIP: 22040-0747	6. Total No. of applications/patents involved: One (1)  7. Total fee (37 C.F.R. § 3.41): \$40.00  Enclosed  Authorized to be charged to deposit account, if no fee attached.					
Country: USA	8. Deposit account number: 02-2448  (Attach triplicate copy of this page if paying by deposit account)					
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9. Statement and signature.  Gerald M. Murphy, Jr., #28,977  Name of Person Signing/Reg. No.  Total number of pages including covershed.	June 16, 2003 Signature Date  eet, attachments, and document: Three (3)					

GMM/jaf

(Rev. 04/30/03)

## BIRCH, STEWART, KOLASCH & BIRCH, LLP

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ATTORNEY DOCKET NO. 0171-0980P

## **ASSIGNMENT**

		Application No	NEW				Filed June	16,	2003
Insert Name(s) of Inventor(s)	<b>→</b>	WHEREAS,_	Atsushi YA	AGINUMA and	l Yoshiaki	KOIKE of			
		Usui-gun,	Gunma-ken,	, Japan and	d Usui-gun,	Gunma-ker	ı, Japan		
Insert Title		(hereinafter designate	•						
of Invention	-	for which an applicat							
		(except in the case of a			ed states of ranc	area riao seen e	included by the		.gc
Insert Date of Signing of Application	<b>→</b>	on	May 26, 20	003			****	;	and
Insert Name of Assignee	<b>→</b>	WHEREAS, _	Shin-Etsu	Chemical (	Co., Ltd.				
Insert Address of Assignee	<b>→</b>	of	6-1, Otem	achi, 2-ch	ome, Chiyod	la-ku, Toky	70, Japan		
CHECK BOX 1F APPROPRIATE	-	its heirs, successors, acquiring the entire may be granted the	right, title and i refor in the Unit	interest in and	to said inventio	designated as the and to	ne Assignee) is any Letters Pa	desiro tent(s)	ous of that
		NOW, THERE paid, the receipt of whas (have) sold, ass Assignee the full at dependencies and pwhich may be grant and if the box above	signed and trans nd exclusive righ possessions and t ed therefor in the	knowledged, ar sferred, and by at to the said in the entire right e United States	id other good and these presents avention in the title and interest of America, its t	d valuable cons does sell, assig United States est in and to an erritorics, depe	ideration, the ugn and transfe of America, its y and all Lette	indersi r anto territo rs Pate	gned said ories, ent(s)

and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or

terms for which the same may be granted

PATENT REEL: 014187 FRAME: 0681 The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree (s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent (s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	May 26, 2003	Name of Inventor	Atrish	Maginuma	
Date	May 26, 2003	Name of Inventor	(signature)  yoshiak	ki Korke	Atsushi YAGINUMA
			(signature)		Yoshiaki KOIKE
Date		Name of Inventor			
			(signature)		
Date	,	Name of Inventor		·	
			(signature)		
Date	,	Name of Inventor			
			(signature)		
Date	,	Name of Inventor			
			(signature)		

RECORDED: 06/16/2003

PATENT REEL: 014187 FRAME: 0682