07-25-2002



Page 1 of 2

RECORDATION FORM COVER SHEET PCT/PTO 1 9 APR 2002

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

4.1903

1. Name of conveying party(ies):	2. Name and address of receiving party(ies)			
[FAMILY NAME (ALL CAPS), Given Name]	Name: DAICEL CHEMICAL INDUSTRIES, LTD.			
SHIGEMATSU, Masato	Internal Address:			
SHIBATA, Tohru	Street Address: 1, Teppo-cho			
TOKUTAKE, Shoichi	City: Sakai-shi State: Osaka ZIP:			
YAMAGUCHI, Fumio	Country: JAPAN Postal Code: 590-8501 Additional name(s) & address(es) attached? XES \(\subseteq \) NO			
FUJII, Norikazu				
Additional name(s) of conveying party(ies) attached? YES NO				
3. Nature of conveyance:				
☐ Security Agreement ☐ Change of Name				
Other:				
Execution Date: March 15, 2002; March 15, 2002; March 22, 2002; March 22, 2002 and March 22, 2002, respectively				
4. Application number(s) or patent number(s):				
If this document is being filed together with a new application, the	he execution date of the application is: March 15, 2002; March			
15, 2002; March 22, 2002; March 22, 2002 and March 22, 200	02, repectively			
15, 2002; March 22, 2002; March 22, 2002 and March 22, 2004 A. Patent Application No(s).				
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A. Patent Application No(s). NEW Additional numbers attact Name and address of party to whom correspondence concerning document should be mailed:	B. Patent No.(s). O O O O			
A. Patent Application 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	B. Patent No.(s). O O O V			
A. Patent Application 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	B. Patent No.(s). O O O O			
A. Patent Application 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	B. Patent No.(s). Ched? YES NO 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.			
A. Patent Application 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	B. Patent No.(s). Ollogy			
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PATENT

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PATENT REEL: 013112 FRAME: 0321

BIRCH, STEWART, KOLASCH & BIRCH, LLP

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ATTORNEY DOCKET NO. 2224-0199P

ASSIGNMENT

	Application NoN	NEW	Filed <u>April 19, 2</u> 002			
Insert Name(s)	→ WHEREAS,	Masato SHIGEMATSU				
of Inventor(s)		Tohru SHIBATA				
		Shoichi TOKUTAKE				
		Fumio YAMAGUCHI				
		Norikazu FUJII				
Toward Trial	(hereinafter designate	d as the undersigned) has (have) invented certain	new and useful improvements in			
Insert Title of Invention	ELEMENT FOR	R TOBACCO SMOKE AND PROCESS				
FOR PRODUCING THE SAME						
		on for Letters Patent of the United States of Americ provisional application).	ca has been executed by the undersigned			
Insert Date of Signing of Application	→ on <u>March</u>	15 and 22, 2002	; and			
Insert Name	→ WHEREAS,	DAICEL CHEMICAL INDUSTRIE	S, LTD.; and			
of Assignee		KIKKOMAN CORPORATION				
Insert Address of Assignee	→ of 1, Teppo-	-cho, Sakai-shi, OSAKA 590-	8501 JAPAN ; and			
	250, Noda	a, Noda-shi, CHIBA 278-8601	JAPAN			
CHECK BOX	acquiring the entire may be granted there	legal representatives and assigns (hereinafter der right, title and interest in and to said invention a efor in the United States of America and	signated as the Assignee) is desirous of and in and to any Letters Patent(s) that			
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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.

PATENTREEL: 013112 FRAME: 0322

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 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	Mar.15,2002	Name of Inventor	_ masato	shigematsu	(Masato S	HIGEMATSU)			
			(signature)						
Date	Mar.15,2002,	Name of Inventor	Folker 8	2 Ventra	(Tohru SH	IBATA)			
			(signature)						
Date	Mar.22,2002,	Name of Inventor	S. Tokutal	le	(Shoichi	TOKUTAKE)			
			(signature)	2					
Date	Mar.22,2002,	Name of Inventor	Funio Jan	naguchi	(Fumio YA	MAGUCHI)			
(signature)									
Date	Mar.22,2002,	Name of Inventor	Novikazu 1	Fajii	(Norikazu	FUJII)			
			(signature)						
Date	,	Name of Inventor							
			(signature)						

RECORDED: 04/19/2002

PATENT REEL: 013112 FRAME: 0323