Docket No.: 4296-167 US

FORM PTQ-159S (Modified)	RECORDATION FOR	M COVER SHEET	U.S. DEPARTMENT OF COMMERCE	
(Rev. 03-01) OMB No. 0551-0027 (exp.5/51/2002)			Patent and Trademark Office	
P08A/REV03	PATENTS	SUNLT		
Tab settings → → ▼	V	T	▼ ▼	
To the Director of the United States Patent				
Name of conveying party(ies): Harunori HIRAO		Name and address of receiv	ring party(les):	
Yukihiro MATSUMOTO		Name: NIPPON SHOKUBA	M CO., LTD.	
Kenji SANADA		Addition and an expension duly	y organized under the laws of	
Takeshi NISHIMURA			organized under the laws of	
Additional names(s) of conveying party(ies)	☐ Yes ⊠ No	JAPAN		
3. Nature of conveyance:		1-1, Koraibashi 4	-chome, Chuo-ku	
☐ Assignment ☐ Me	erger		-	
☐ Security Agreement ☐ Ch	nange of Name	City: Osaka-shi, Osaka	State/Prov.:	
☑ Other Correction of Assignment Recor	dation Form	Country: JAPAN	ZIP: <u>541-0043</u>	
Execution Date: _10/09/03; 10/09/03; 10/08/03	3; 10/08/03	Additional name(s) & address(es)	□ Yes ⊠ No	
4. Application number(s) or patent numbers(s	s):			
If this document is being filed together with	n a new application, th	he execution date of the applica	ation is:	
			-	
Patent Application No. Filing date	<u> </u>	B. Patent No.(s)		
10/633,170			E	
			<u> </u>	
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		_	5	
	Additional numbers	☐ Yes ဩ No		
5. Name and address of party to whom corrections document should be mailed:	spondence	6. Total number of applications	and patents involved:	
<u>-</u>	-			
Name: Dianc Dunn McKay, Esq.		7. Total fee (37 CFR 3.41):	\$ <u>40.00</u>	
Registration No. 34,586			or insufficiency should be	
Address: Mathews, Collins, Shepherd & McKay, P.A.		credited or debited to de		
100 Thanet Circle, Suite 306	——— <u> </u>	☑ Authorized to be charge.	d to deposit account	
		8. Deposit account number:		
·	Prov.: NJ	13-2165		
Country: United States ZIP: 0		(Attach duplicate copy of this pag	ge if paying by deposit account)	
Statement and signature.	DO NOT US	SE THIS SPACE		
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.				
David P. Krivoshik	_/_ /M [[11/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1	June 17, 2004	
Name of Person Signing	7/1/	Signature	4 Date	
Total numl	ber of pages including cov	rer sheet, attachments, and		

<i>-</i> − -	No.: 4296-167 US			
FORM PY0-1595 (Modified) RECOR! ! !	- 18-2005 U.S. DEPARTMENT OF COMMERCE			
Production of the country of the cou	Patent and Tradamark Office			
	— — — — — — — — — — — — — — — — — — —			
To the Honorable Commissioner of Patents and Trausingue.	02602833 Dease record the attached original documents or copy thereof.			
1. Name of conveying party(ies): Harunori HIRAO Yukihiro MATSUMOTO Kenji SANADA Takeshi NISHIMURA	Name and address of receiving party(ies): Name: NIPPON SHOKUBALCO., LTD. Internal Address: a corporation duly organized under			
Additional names(s) of conveying party(ies)	the laws of Japan			
3. Nature of conveyance:				
☑ Assignment ☐ Merger	Street Address: 1-1, Koraibashi 4-chome, Chuo-ku			
☐ Security Agreement ☐ Change of Name	Osaka-shi, Osaka 541-0043 JAPAN			
☐ Other	City: State: ZIP:			
Execution Date: 10/09/03; 10/09/03; 10/08/03; 10/08/03	Additional name(s) & address(es) attached? Yes No			
If this document is being filed together with a new application, A. Patent Application No.(s) 10/633,173	B. Patent No.(s) OPR/FIHANCE			
Additional numbers attac	Illed: I les 🔼 No			
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:			
Name: Diane Dunn McKay, Esq.	7. Total fee (37 CFR 3.41):\$ 40.00			
Internal Address: Mathews, Collins, Shepherd & McKay, P.A.	 Enclosed - Any excess or insufficiency should be credited or debited to deposit account Authorized to be charged to deposit account 			
<u> </u>				
Street Address: 100 Thanet Circle, Suite 306	8. Deposit account number:			
/17/2003 DBYRME 00000046 10633173	13-2165			
1. FC:-8021	(Attach duplicate copy of this page If paying by deposit account)			
	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.				
Diane Dunn McKay	November 12, 2003			
Name of Person Signing Total number of pages including cover si	Signature Date			

10/96FHGL&C

U.S. Attorney Docket 4356-167 US

ASSIGNMENT

In consideration of value received, I, having a residence and post office address as stated below next to my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of an invention described in an application for United States patent entitled:

METHOD FOR PRODUCTION OF ACRYLIC ACID

sell and assign to NIPPON SHOKUBAI CO., LTD. a corporation of duly organized under the laws of Japan having a business address at 1-1, Koraibashi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0043 Japan

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said application for United States patent executed concurrently herewith;

and in and to all applications for patent and patents for said invention, in all countries of the world, including all divisions reissues, continuations, substitutions and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filling of any of said applications; and I authorize and request any official whose duty it is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention in all countries.

I hereby grant to any attorney member of the following law firm the power to insert on this Assignment the Serial Number and filing date of said application when known.

SERIAL NO.:

FILING DATE:

INVENTOR: SIGNATURE	DATE	ADDRE38	
Sign:	Date:	Address:	
Harunori Hirao	Oct. 9, 2005	448-2, Waku, Aboshi-ku,	
Туре:	Witness Kazukiyo ARAKAWA	Himeji-shi, Hyogo 671-1227 Japan	
Harunori HIRAO	K. Arakawa		
Sign:	Date:	Address:	
Juliho Matemato	October 9, 2003	1-45, Goshikiyama 1-chome,	
Туре:	Witness: Kazukiyo ARAKAWA	Tarumi-ku, Kobe-shi, Hyogo	
Yukihiro MATSUMOTO	K. Arabeaux	655-0035 Japan	
Sign:	Date:	Address:	
Kenji Smade	Oct. 8. 2003	39-2-214, Aoyama 6-chome,	
Туре:	Witness: Kazukiyo ARAKAWA	Himeji-shi, Hyogo 671-2222 Japan	
Kenji SANADA	K. Arakam		

NOTES: MUST BE DATED.

WITTNESS DESIRABLE.

LEGALIZATION NOT REQUIRED.

RECORDING OFFICER:

After recording, please return to:

PATENT REEL: 014744 FRAME: 0032 8/96FHGL&C

Page #2

ASSIGNMENT

INVENTOR: SIGNATURE	DATE	ADDRESS
Sign:	Date:	Address;
Takeshi Nishimura	8/Oct./203	169-9, Kamigawara, Yobe-ku,
Type:	Witness: Kazukiyo ARAKAWA	Himeji-shi, Hyogo 671-1263 Japan
Takeshi NISHIMURA	K. Arakawa	
Sign:	Date:	Address:
Туре:	Witness:	
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RECORDED: 06/17/2004

PATENT REEL: 014744 FRAME: 0033