	Docket No.: 4296-164 US		
FORM PTO-1595 (Modified) 1/13/09 . 02-25-	T U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office		
OMB No. 0651-0027 (exp.5/31/2002) PO8A/REV03	Patent and Trademark Office		
Tab settings → → ▼	(M)		
To the Director of the United States Pate 102679			
Name of conveying party(ies): Takeshi NISHIMURA	Name and address of receiving party(ies):		
Yukihiro MATSUMOTO	Name: NIPPON SHOKUBAI CO., LTD.		
Kenji SANADA Harunori HIRAO	Address: 1-1, Koraibashi 4-chome, Chuo-ku		
Additional names(s) of conveying party(ies)	Osaka-shi		
3. Nature of conveyance:			
☐ Security Agreement ☐ Change of Name	City: Osaka State/Prov.:		
☐ Other	Country: Japan ZIP: 541-0043		
Execution Date: June 10, 2003	Additional name(s) & address(es) ☐ Yes ☒ No		
4. Application number(s) or patent numbers(s):			
If this document is being filed together with a new application			
Patent Application No. Filing date	B. Patent No.(s)		
	OPR/FINANCE		
10/607,767 June 27, 2003	23 /FII		
	<u> </u>		
	<u> </u>		
Additional numbers	☐ Yes ☒ No		
5. 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		
Registration No. 34,586			
Address: Mathews, Collins, Shepherd & McKay, P.A.	credited or debited to deposit account		
100 Thanet Circle, Suite 306	☐ Authorized to be charged to deposit account		
	8. Deposit account number:		
City: Princeton State/Prov.: NJ	13-2165		
Country: USA ZIP: 08540	(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 truescopy			
of the original document.	February 18, 2004		
Diane Dunn McKay Name of Person Signing	Signature Date		
Total number of pages including cover sheet, attachments, and			
Mail documents to be recorded with required cover sheet Information to: Mail Stop Assignment Recordation Services Director of the United States Patent and Trademark Office			
D.O. Boy 1//60 Alayandria V/A 22312-1//60			

PATENT REEL: 015016 FRAME: 0667

	Docket No.: 4296-164 US
FORM PTO-1555 (Modified) (Rev. 03-01) OMB No. 0651-0027 (exp.5/31/2002) P08A/REV03	ET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
Tab settings → → ▼ 1024954	1 41\
To the Honorable Commissioner of Patents and Trademarks: I	lease record the attached original documents or copy thereof.
1. Name of conveying party(ies): Takeshi Nishimura Yukihiro Matsumoto Kenji Sanada	2. Name and address of receiving party(ies): Name: Nippon Shokubai Co., Ltd. Address: 1-1, Koraibashi 4-chome
Hanrunori Hirao	Chuo-ku, Osaka-shi
Additional names(s) of conveying party(ies)	Chuo-ku, Osaka-siii
3. Nature of conveyance:	
☐ Assignment ☐ Merger	
☐ Security Agreement ☐ Change of Name	City: Osaka State/Prov.:
☐ Other	Country: Japan ZIP: 541-0043
Execution Date: June 10, 2003	Additional name(s) & address(es) ☐ Yes ☒ No
If this document is being filed together with a new application, Patent Application No. Filing date Herewith	the execution date of the application is: June 10, 2003 B. Patent No.(s)
Additional numbers	☐ Yes ☒ No
5. 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	7. Total fee (37 CFR 3.41):\$ 40.00
Registration No. 34,586 Address: Mathews, Collins, Shepherd & McKay, P.A.	☑ Enclosed - Any excess or insufficiency should be credited or debited to deposit account
100 Thanet Circle, Suite 306	☐ Authorized to be charged to deposit account
	8. Deposit account number:
City: Princeton State/Prov.: NJ	13-2165
Country: USA ZIP: 08540	(Attach duplicate copy of this page if paying by deposit account)
9. Statement and signature. To the best of my knowledge and belief, the foregoing information of the original document. Diane Dunn McKay Name of Person Signing Total number of pages including	Signature Cover sheet, attachments, and June 27, 2003 Barrier June 27, 2003 Barrier Sagara
	Frademarks, Box Assignments
	PATENT

REEL: 015016 FRAME: 0668

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 filing 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	ADDRESS
Sign:	Date:	Address:
Jakahi Mishimma	10/Jun/2003	169-9, Kamigawara, Yobe-ku,
Type:	Witness:	Himeji-shi, Hyogo 671-1263 Japan
Takeshi NISHIMURA	Rjuich Ish kawa.	
Sign:	Date: Pywichi TSHTKAWA	Address:
Julihri Watermeto	Ryuichi ISHIKAWA	1-45, Goshikiyama 1-chome,
Type:	Witness:	Tarumi-ku, Kobe-shi, Hyogo
Yukihiro MATSUMOTO	Rjuichi Ishikawa.	655-0035 Japan
Sign:	Date: Ryuichi ISHIKAWA	Address:
Kenji Somada	10/Jun/2003	39-2-214, Aoyama 6-chome,
Type:	Witness:	Himeji-shi, Hyogo 671-2222 Japan
Kenji SANADA	Pzuchi Ishikawa.	
	Ryuichi TSHTKAWA	

NOTES: MUST BE DATED.

WITTNESS DESIRABLE.

LEGALIZATION NOT REQUIRED.

RECORDING OFFICER:

After recording, please return to:

PATENT REEL: 015016 FRAME: 0669

ASSIGNMENT

INVENTOR: SIGNATURE	DATE	ADDRESS
Sign:	Date:	Address:
Harnneri Hirao	10/ Jun/2003	448-2, Waku, Aboshi-ku,
Туре:	Witness:	Himeji-shi, Hyogo 671-1227 Japan
Harunori HIRAO	10/Jun/2003 Witness: Rzwichi Ishikawa.	
Sign:	Date: Ryuichi ISHIKAWA	Address:
Туре:	Witness:	
Sign:	Date:	Address:
Type:	Witness:	
Sign:	Date:	Address:
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туре.	¥¥ IU 1655.	
Sign:	Date:	Address:
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<i>"</i>		

RECORDED: 02/23/2004

PATENT REEL: 015016 FRAME: 0670