

03-07-2003

U.S. Department of Commerce  
Patent and Trademark Office  
**PATENT**FORM PTO-1619A  
Expires 06/30/99  
OMB 0651-0027

102383939

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TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

**Submission Type**

☐ New

☐ Resubmission (Non-Recordation)  
Document ID#

☒ Correction of PTO Error  
Reel #  013433 Frame #  0590

☐ Corrective Document  
Reel #  Frame #

**Conveyance Type**

☒ Assignment ☐ Security Agreement

☐ License ☐ Change of Name

☐ Merger ☐ Other

**U.S. Government**  
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☐ Departmental File ☐ Secret File

**Conveying Party(ies)**

☒ Mark if additional names of conveying parties attached

Name	Execution Date Month Day Year
Name (line 1) Takashi TOMITA	10/22/2002
Name (line 2)	

**Second Party**

Name	Execution Date Month Day Year
Name (line 1) Tsutomu YUASA	10/22/2002
Name (line 2)	

**Receiving Party**

☐ Mark if additional names of receiving parties attached

Name (line 1) NIPPON SHOKUBAI CO., LTD.	<input type="checkbox"/> If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)		
Name (line 2)			
Address (line 1) 1-1, Koraibashi 4-chome, Chuo-ku, Osaka-shi			
Address (line 2)			
Address (line 3) Osaka	Japan	541-0043	
	City	State/Country	Zip Code

**Domestic Representative Name and Address**

Enter for the first Receiving Party only.

Name	
Address (line 1)	
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Mail documents to be recorded with required cover sheet(s) information to:  
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

**PATENT**  
**REEL: 013807 FRAME: 0155**

**Correspondent Name and Address**

Area Code and Telephone Number (202) 659-9076

Name Roylance, Abrams, Berdo & Goodman, L.L.P.

Address (line 1) 1300 19th Street, N.W.

Address (line 2) Suite 600

Address (line 3) Washington, D.C. 20036

Address (line 4)

**Pages**

Enter the total number of pages of the attached conveyance document including any attachments.

#

2

**Application Number(s) or Patent Number(s)**

☐

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

**Patent Application Number(s)**

10/281,971

**Patent Number(s)**

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number  
only if a U.S. Application Number  
has not been assigned.

PCT

PCT

PCT

PCT

PCT

PCT

**Number of Properties**

Enter the total number of properties involved.

#

1

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment:

Enclosed ☐

Deposit Account ☐

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

#

18-2220

Authorization to charge additional fees:

Yes

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No

☐

**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. Charges to deposit account are authorized, as indicated herein.

Garrett V. Davis

Name of Person Signing

Signature

Date

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Patent and Trademark Office  
**PATENT**

**Conveying Party(ies)**

☐ Mark if additional names of conveying parties attached

*Enter additional Conveying Parties*

Execution Date  
Month Day Year

Name (line 1) Hirokatsu KAWAKAMI

10/22/2002

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

**Receiving Party(ies)**

☐ Mark if additional names of receiving parties attached

*Enter additional Receiving Party(ies)*

Name (line 1)

Name (line 2)

Address (line 1)

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Address (line 3)

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11-01-2002



102268875

**RECORDATION FORM COVER SHEET  
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TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

**Submission Type**

☒ New **10-29-02**  
☐ Resubmission (Non-Recordation)  
Document ID#   
☐ Correction of PTO Error  
Reel #  Frame #   
☐ Corrective Document  
Reel #  Frame #

**Conveyance Type**

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☐ License ☐ Change of Name  
☐ Merger ☐ Other   
**U.S. Government**  
(For Use ONLY by U.S. Government Agencies)  
☐ Departmental File ☐ Secret File

J1033 U.S. PTO  
**10/28/97**  
10/29/02

**Conveying Party(ies)**

☒ Mark if additional names of conveying parties attached

Name (line 1) Takashi TOMITA Execution Date Month Day Year 10/22/2002  
Name (line 2)   
**Second Party**  
Name (line 1) Tsutomu YUASA Execution Date Month Day Year 10/22/2002  
Name (line 2)  **10/28/97**

**Receiving Party**

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Name (line 1) NIPPON SHOKUBAI CO., LTD.  
Name (line 2)   
Address (line 1) 1-1, Koraibashi 4-chome, Chuo-ku, Osaka-shi  
Address (line 2)   
Address (line 3) Osaka Japan 541-0043  
City State/Country Zip Code  
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10/30/2002 SDIRETA1 00000031 10281971  
02 FC:8021 40.00 OP

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**REEL: 013807 FRAME: 0158**

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Month Day Year  
October 22, 2002

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has not been assigned.PCT PCT PCT  
PCT PCT PCT

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# 1

## Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00

Method of Payment:

Enclosed ☒Deposit Account ☐

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

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# 18-2220

Authorization to charge additional fees:

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Garrett V. Davis



October 22, 2002

Name of Person Signing

Signature

Date

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PATENTS ONLY

U.S. Department of Commerce  
Patent and Trademark Office  
PATENT

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☐ Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) Hirokatsu KAWAKAMI

Execution Date  
Month Day Year

10/22/2002

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

Name (line 1)

Name (line 2)

Execution Date  
Month Day Year

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Patent Application Number(s)

Patent Number(s)



0220145

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**ASSIGNMENT**

WHEREAS, We, (1) Takashi TOMITA, (2) Tsutomu YUASA, and (3) Hirokatsu KAWAKAMI, all citizens of JAPAN, residing respectively at (1) Toyonaka-shi, OSAKA JAPAN, (2) Osaka-shi, OSAKA JAPAN, and (3) Izumiotu-shi, OSAKA JAPAN (hereinafter ASSIGNORS), have made a certain invention entitled (Meth)Acrylic Acid (Salt) Polymer and Its Production Process for which we are making application for Letters Patent of the United States, which application has been executed concurrently herewith; and

WHEREAS, Nippon Shokubai Co., Ltd., a corporation duly organized under the laws of JAPAN, located and doing business at 1-1, Koraihashi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0043 JAPAN (hereinafter ASSIGNEE), is desirous of acquiring the entire right, title and interest in and to the aforementioned invention and the aforementioned application and any and all Letters Patent to be obtained on said invention and/or application;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

BE IT KNOWN that for good and valuable consideration paid to us by said ASSIGNEE the receipt and sufficiency of which is hereby acknowledged, we, the ASSIGNORS and, by these presents do hereby sell, assign, set over and transfer unto the said ASSIGNEE, its successors, legal representatives or assigns, the entire right, title and interest in and to the aforesaid invention in and for the United States and all countries foreign thereto; and in, to and under the aforesaid United States application and any corresponding foreign applications and any divisional, continuing, substitute or reissue applications or supplementary disclosures which may be filed on said invention in any country; and our right to file said foreign applications and claim priority under the provisions of the International Convention; and any Letters Patent of the United States or any foreign country issued or granted on said invention and/or said applications;

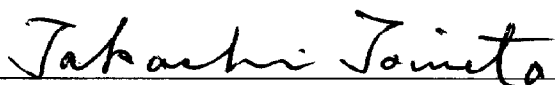
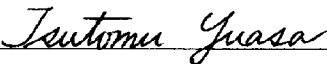

AND WE HEREBY authorize and request the Patent Office or other issuing authority to issue any and all patents on said invention and/or said application to said ASSIGNEE as sole assignee; and we further hereby authorize said ASSIGNEE to file and prosecute any of said foreign applications in its own name;

0720145

AND WE HEREBY covenant that we have the full right to convey the entire right, title and interest herein assigned and that we have not executed and will not execute any assignment or other instrument in conflict herewith;

AND WE HEREBY further covenant and agree to communicate to said ASSIGNEE, or its legal representatives, successors or assigns, any facts relating to said invention, including evidence for interference purposes or other proceedings, whenever requested, and to testify in any interference or in any other legal proceeding, when requested, and to execute and deliver on request all lawful papers required to make any of the foregoing provisions effective; and to perform the aforesaid communicating, executing and delivering, without any payment except expenses and to perform the aforesaid testifying for reasonable compensation; and generally to do everything possible to aid the said ASSIGNEE, its successors, legal representatives or assigns to obtain and enforce proper patent protection on and for said invention in all countries, and likewise we make these provisions binding upon our heirs, legal representatives and/or administrators.

IN WITNESS WHEREOF, we have hereunder set our hand and seal.

October 22, 2002	
Date	Name: Takashi TOMITA
October 22, 2002	
Date	Name: Tsutomu YUASA
October 22, 2002	
Date	Name: Hirokatsu KAWAKAMI