

11-19-2009



HEET

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To the Honorable Assistant Secretary and Con

103581091

the attached original document(s) or copy(ies) thereof.

1. Name of conveying party(ies):

Yoshitaka ARITA, Tsukasa TAKAHASHI, Masaki OKADA and Toshimitsu MORIGUCHI

Additional name(s) of conveying party(ies) attached? No

2. Name and address of receiving party(ies):

Name: NIPPON SHOKUBAI CO., LTD.

Address: 1-1, Koraihashi 4-chome, Chuo-ku, Osaka-shi, Osaka, Japan

3. Nature of conveyance:

- X Assignment Merger
Security Agreement Change of Name
Other

Execution Date: November 4, 2009

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4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: November 4, 2009

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: WENDEROTH, LIND & PONACK, L.L.P.
Attn: Michael R. Davis, Esq.

Street Address: 1030 15th Street, N.W., Suite 400 East

City: Washington, State: DC ZIP: 20005-1503

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$40.00

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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.

Michael R. Davis, Reg. No. 25,134

Name of Person Signing

Signature

November 16, 2009

Date

Total number of pages including cover sheet: 3

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PATENT

REEL: 023539 FRAME: 0458

12/451498

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned

Insert Name(s) of Inventor(s) ARITA, Yoshitaka, TAKAHASHI, Tsukasa, OKADA, Masaki and MORIGUCHI, Toshimitsu
the undersigned hereby sell(s) and assign(s) to

Insert Name(s) of Assignee(s) NIPPON SHOKUBAI CO., LTD.
Address of 1-1, Koraihashi 4-chome, Chuo-ku, Osaka-shi, Osaka, Japan, and
(hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC 100, in the invention known as
PROCESS FOR PRODUCING ACROLEIN

Title of Invention for which an application for patent in the United States has been executed by the undersigned
on November 4, 2009

Date of Signing of Application The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional 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 or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

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

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) 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 firm of WENDEROTH, LIND & PONACK, L.L.P., 2033 K Street, N.W., Suite 800, Washington, D.C. 20006-1021, 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 United States Patent Office for recordation of this document.

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

Date November 4, 2009, Name of the Inventor Arta Yoshitaka
ARITA, Yoshitaka

Date November 4, 2009, Name of the Inventor Tsukasa Takahashi
TAKAHASHI, Tsukasa

Date November 4, 2009, Name of the Inventor Okada Masaki
OKADA, Masaki

Date November 4, 2009, Name of the Inventor Moriguchi Toshimitsu
MORIGUCHI, Toshimitsu

(This assignment should preferably be acknowledged before a United States Consul. If not, then the execution by the Inventor(s) should be witnessed by at least two witnesses who sign here.)

Witness Kimio Ariyoshi
Kimio ARIYOSHI

Witness Masanori Nonoguchi
Masanori NONOGUCHI

ACKNOWLEDGMENT

_____ } ss

This _____ day
of _____, 20____, before me personally came the above-
named me personally known as the individual(s) who executed the foregoing assignment, who did
acknowledge to me that he (they) executed the same of his (their) own free will for the purposes
therein set forth.

SEAL

Official Signature

Official Title

The above application may be more particularly identified as follows:

U.S. Application Serial No. _____ Filing Date _____

Applicant Reference Number _____ Atty Docket No. _____

Title of Invention PROCESS FOR PRODUCING ACROLEIN