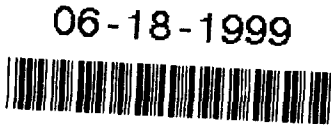


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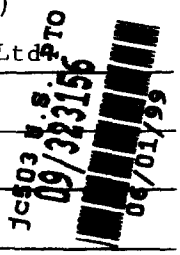
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To the Honorable Commissioner of Patents and Trademarks, 101069840 original documents or copy thereof.

1. Name of conveying party(ies):
Akio Naka
Yuuji Shimasaki
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
Name: Nippon Shokubai Co., Ltd.
Internal Address: _____
Street Address: 1-1, Koraihashi 4-chome,
Chuo-ku, Osaka, Japan
City: _____ State: _____ ZIP: _____
Additional name(s) & address(es) attached? Yes No



3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date: May 21, 1999

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: May 21, 1999
A. Patent Application No.(s) | B. Patent No.(s)
09/323156
Additional numbers attached? Yes No

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08 FC:581 (40.00 DP)

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: SHERMAN AND SHALLOWAY
Internal Address: _____
Street Address: 413 N. Washington Street
City: Alexandria State: VA ZIP: 22314

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 3.41).....\$ 40.00
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 Authorized to be charged to deposit account
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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.
Perry Carvellas Signature June 1, 1999 Date
Name of Person Signing

Total number of pages including cover sheet, attachments, and document: 2

A S S I G N M E N T

WHEREAS, We, Akio NAKA and Yuuji SHIMASAKI, both citizens of Japan, residing at Takatsuki-shi, Osaka-fu, Japan and Otsu-shi, Shiga-ken, Japan, respectively

, (hereafter referred to as Inventors), have invented certain new and useful improvements in PRODUCTION PROCESS FOR POLYVINYL ETHER AND CATALYST USED FOR THE PROCESS for which an application for United States Letters Patent was signed by us on even date herewith; and

WHEREAS, NIPPON SHOKUBAI CO., LTD. a corporation of Japan, having a place of business at 1-1, Koraibashi 4-chome, Chuo-ku, Osaka, Japan (hereafter referred to as Company), is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefor in the United States and in any and all foreign countries.

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, the receipt whereof is hereby acknowledged, and other valuable considerations, the said Inventors have sold, assigned and transferred, and by the presents do sell, assign and transfer unto said Company the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent, which may be granted thereof in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations and extensions thereof.

We hereby authorize and request the Patent Office Officials in the United States and in any and all foreign countries to issue any and all of said Letters Patent, when granted, to said Company as the assignee of the entire right, title and interest in and to the same, for the sole use and behoof of the said Company, its successors and assigns.

FURTHER, We agree that we will communicate to said Company or its representatives any facts known to us respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitution, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said Company, make all rightful oaths and generally do everything possible to aid said Company, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.

IN TESTIMONY WHEREOF, We have hereunto set our hands this21st..... day ofMay....., 1999.

Signed in the presence of:

Witness: Manabu Nishida
Witness: Manabu Nishida
Witness:
Witness:
Witness:
Witness:

Signed: Akio Naka
Signed: Yuuji Shimasaki
Signed:
Signed:
Signed:
Signed: