

06-07-2001

FORM PTO-1595
1-31-9

SHEET

U.S. DEPARTMENT OF COMMERC
Patent and Trademark Office



To the Honorable Commissioner of Patents, 101740908 attached original documents or copy thereof.

1. Name of conveying party(ies):
Takaya SATO, Tsutomu UEHARA,
Hiroshi YOSHIDA, Mitsugu KOTANI

2. Name and address of receiving party(ies):
Name: Nisshinbo Industries, Inc.

Street Address: 31-11, Nihonbashiningyo-cho
2-chome, Chuo-ku

05/31/01

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

City: Tokyo

Country: Japan

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: May 7, 2001

Additional name(s) & address(es) attached? Yes No

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

09/867612

If this document is being filed together with a new application, the execution date of the application is: May 7, 2001

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: ANTONELLI, TERRY, STOUT & KRAUS, LLP

Internal Address:

Street Address: 1300 North Seventeenth Street
Suite 1800

City: Arlington State: VA Zip: 22209

6. Total number of applications and patents involved: 1

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

- Enclosed
- Any deficiencies may be charged to deposit account
- Authorized to be charged to deposit account

8. Deposit account number: 01-2135

(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 true copy of the original document.

William I. Solomon

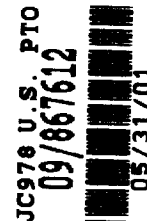
Name of Person Signing
Attorney Registration No. 28,565

Signature

May 31, 2001
Date

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

OMB No. 0651-0011 (exp. 4/94)



ASSIGNMENT

For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, as a below named inventor, I hereby sell and assign to Nisshinbo Industries, Inc. of 31-11, Nihonbashiningyo-cho 2-chome, Chuo-ku, Tokyo, Japan its successors and assigns or other legal representatives all my rights, title and interest, in and for the United States of America, in and to

BIOREACTOR CARRIER, PROCESS FOR PRODUCING THE CARRIER AND METHOD FOR USING THE SAME

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed by me even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said Nisshinbo Industries, Inc.

, its successors, assigns or other legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said Nisshinbo Industries, Inc.

- 1) Date May 7, 2001 Inventor Takaya SATO (Full Name) Takaya SATO (Signature) Residence Chiba-ken, Japan Citizenship Japan Post Office Address c/o Nisshinbo Industries, Inc., R&D Center, 1-2-3, Onodai, Midori-ku, Chiba-shi, Chiba-ken, Japan
2) Date May 7, 2001 Inventor Tsutomu UEHARA (Full Name) Tsutomu Uehara (Signature) Residence Chiba-ken, Japan Citizenship Japan Post Office Address c/o Nisshinbo Industries, Inc., R&D Center, 1-2-3, Onodai, Midori-ku, Chiba-shi, Chiba-ken, Japan
3) Date May 7, 2001 Inventor Hiroshi YOSHIDA (Full Name) Hiroshi Yoshida (Signature) Residence Chiba-ken, Japan Citizenship Japan Post Office Address c/o Nisshinbo Industries, Inc., R&D Center, 1-2-3, Onodai, Midori-ku, Chiba-shi, Chiba-ken, Japan
4) Date May 7, 2001 Inventor Mitsugu KOTANI (Full Name) Mitsugu Kotani (Signature) Residence Chiba-ken, Japan Citizenship Japan Post Office Address c/o Nisshinbo Industries, Inc., R&D Center, 1-2-3, Onodai, Midori-ku, Chiba-shi, Chiba-ken, Japan
5) Date Inventor Residence Citizenship Post Office Address

Witness(es)

- All) 2) 4)
1) 3) 5)