

9-10-98



100833834

To the Assistant Commissioner for P.

document(s) or copy(ies) thereof.

1. Name of conveying party(ies):

Masahiko KATO, Jiichi ARAI, Makoto KAKIUTI

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

Name: Takeda Chemical Industries, Ltd.

Street Address: 1-1, Doshomachi 4-chome,
Chuo-ku, Osaka, Japan

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

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other
Execution Date: August 27, 1998

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

JCS18 U.S. PTO
09/150768
09/10/98

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: August 27, 1998

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.
Internal Address: Attn: Mr. Nils E. Pedersen
Street Address: 2033 K Street, N.W., Suite 800
City: Washington, D.C. ZIP: 20006

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. § 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.

Nils E. Pedersen, Reg. No. 33,145
Name of Person Signing

[Signature]
Signature

September 10, 1998
Date

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ASSIGNMENT

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

Masahiko KATO, Jiichi ARAI and Makoto KAKIUTI

Insert Name(s)
of Inventor(s)

Insert Name(s)
of Assignee(s)

Address

the undersigned hereby sell(s) and assign(s) to

Takeda Chemical Industries, Ltd.

of 1-1, Doshomachi 4-chome, Chuo-ku, OSAKA, JAPAN

(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

PREFILLED SYRINGE

Title of
Invention

Date of Signing
of Application

for which an application for patent in the United States has been executed by the undersigned on
August 27, 1998

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.

09/17/99
02 FC:501

PATENT
REEL: 9456 FRAME: 0664

