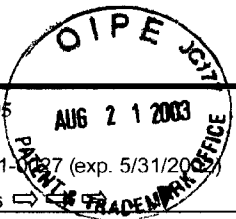


08-27-2003



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Tab settings

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Yoshiaki Aso 08/04/2003

8.21.03

2. Name and address of receiving party(ies)

Name: SHIMADZU CORPORATION

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

Address: 1, Nishinokyo-Kuwabaracho
Nakagyo-ku
Kyoto-shi, Kyoto
604-8511 Japan

3. Nature of conveyance:

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

Execution Date: August 4, 2003

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

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: _____

A. Patent Application No.(s)
10/637,153

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: David E. Spaw

Internal Address: Rankin, Hill, Porter & Clark LLP

Street Address: 925 Euclid Avenue, Suite 700

City: Cleveland State: Ohio Zip: 44115

6. Total number of applications and patents involved:

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

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

18-0160

(Attach duplicate copy of this page if paying by 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.

David E. Spaw
Name of Person Signing

Signature

August 18, 2003
Date

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Mail documents to be recorded with required cover sheet information to:
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08/26/2003 GTDN11 00000013 10637153

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PATENT
REEL: 014415 FRAME: 0755

ASSIGNMENT

WHEREAS, new and useful improvements have been made by the undersigned in
MIXER FOR LIQUID CHROMATOGRAPH

that are the subject of an application for a U.S. Patent, (Application Number 10/637,153,
filed August 8, 2003), which application is further identified as Rankin, Hill, Porter &
Clark LLP Docket No. NGB-14961.

WHEREAS, SHIMADZU CORPORATION, a corporation of Japan, and having a place of
business at 1, Nishinokyo-Kuwabaracho, Nakagyo-ku, Kyoto-shi, Kyoto 604-8511, Japan,
hereinafter referred to as "assignee", is desirous of acquiring all right, title, and interest throughout the
world in, to, and under said improvements and inventions and patent rights therefor.

NOW, THEREFORE, be it known that, for valuable consideration, the receipt and sufficiency
of which are hereby acknowledged, all right, title, and interest, in the United States and throughout the
world, in, to and under said improvements and inventions and all patents, patent applications, patent
rights, and inventor's certificates thereof, therefor, and therein, including without limitation said
application for patent in the United States, all divisions and continuations thereof, all patents which
may be granted thereon, all reissues and extensions thereof, all right to sue for past infringement
thereunder, all patents which may be granted for said improvements and inventions by states or nations
other than the United States, or by other authority, entity, or organization, and all applications therefor,
have been and are hereby sold, assigned, transferred, and delivered unto assignee, its successors and
assigns; and it is covenanted and agreed by the undersigned, and for executors, administrators, and
legal representatives of the undersigned, that at assignee's request any and all applications, affidavits,
assignments, and other instruments will be made, executed, and delivered as may be necessary, or
desirable to secure for or vest in assignee, its successors or assigns, any improvement, inventions, right,
title, interest, application, patent, patent right or other right or property covered by this assignment,
and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to
issue any and all United States patents granted on any of said applications to assignee as owner of the
entire right, title, and interest in, to, and under the same, and appropriately empowered officials of
foreign countries are hereby authorized to issue any letters patent granted on any of said applications
to assignee as owner of the entire right, title and interest in, to, and under the same.

The undersigned hereby grants the firm of Rankin, Hill, Porter & Clark LLP the power to insert
on this assignment any identification that may be necessary or desirable in order to comply with the
rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

(1) Inventor Name (sole or joint): Yoshiaki ASO
Signature: Yoshiaki ASO
Today's Date: August 4, 2003

Witness: _____

Witness: _____

(2) Inventor Name (joint): _____
Signature: _____
Today's Date: _____

Witness: _____

Witness: _____

(3) Inventor Name (joint): _____
Signature: _____
Today's Date: _____

Witness: _____

Witness: _____

(4) Inventor Name (sole or joint): _____
Signature: _____
Today's Date: _____

Witness: _____

Witness: _____