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FORM PTO-159

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(REV. 6-93)

OMB No. 0651-0111 (exp. 4/94)

(Modified)



U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

MRD 11-29-99

101221744

To the Assistant Commissioner of Patents: Please record the attached original documents or true copy thereof.

1. Name of conveying party(ies):

Dilip H. Shan
Gary Howell
Kenneth E. Pawlak
Masatoshi Cazono

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

Name: Aksys, Ltd.

Internal Address:

Street Address: 2 Marriott Drive

City: Lincolnshire

State: IL

ZIP: 60069

Additional name(s) of conveying party(ies) ☐ yes ☒ no

3. Nature of conveyance:

☒ Assignment☐ Security Agreement☐ Other☐ Merger☐ Change of NameAdditional name(s) & address(es) ☒ yes ☐ no

Teijin Ltd.

6-7, Minamihommachi 1-chome,

Chuo-ku, Osaka-shi

Osaka 541-0054 Japan

Execution Date: Oct. 26, 28 Nov 5 1999

4. Application number(s) or registration 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)

B. Patent No.(s)

Serial No.: 29/112,249

Filed: October 12, 1999

Case No.: 99,570-B

Additional numbers ☐ yes ☒ noAdditional numbers ☐ yes ☒ no

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

Thomas A. Fairhall
McDonnell Boehnen Hulbert & Berghoff
300 S. Wacker Drive
Chicago, Illinois 60606 USA

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$

40.00☒ Enclosed☐ Authorized to charge to Deposit account

8. Deposit account number: 13-2490

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.

Thomas A. Fairhall

Name of Person Signing

Thomas A. Fairhall
Signature

Nov 23, 1999
Date

Total Number of pages including cover sheet, attachments and copies: 5

12/14/1999 TTOM11 00000006 29112249

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40.00 OP

PATENT
REEL: 010428 FRAME: 0781

ASSIGNMENT

Case No. 99,570- B

Serial No.: 29/112,249

Filing Date: October 12, 1999

Inventors: Dilip H. Shah, Gary Howell, Kenneth E. Pawlak, Masatoshi Ozono

Date of Execution
of Application: September 30, 1999; October 4, 1999

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assigns to:

**Aksys, Ltd.
2 Marriott Drive
Lincolnshire, IL 60069**

and

**Teijin Ltd.
6-7, Minamihommachi 1-chome,
Chuo-ku, Osaka -shi
Osaka 541-0054 Japan**

jointly as co-owners, their successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

BOTTLE FOR DIALYSIS MACHINE

and identified as:

Case No. 99,570 - B

in the offices of McDONNELL BOEHNEN HULBERT & BERGHOFF and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignees the priority right provided by the International Convention.

The undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignees.

The undersigned hereby authorizes and requests the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, and the date of execution of the application.

The undersigned warrants himself to be the owner of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agree, upon the request and at the expense of said assignees, their successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignees, their successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignees to apply for patents for said invention or improvements in their own name in such countries where such procedure is proper and further agree, upon the request of said assignees, their successors and assigns, to cooperate to the best of the ability of the undersigned with said assignees, their successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignees, their successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignees, their successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

WITNESS my hand and seal this 28th day of October, 1999.

Dilip H. Shah
Dilip H. Shah

State of Ill
County of Lake

The foregoing instrument was acknowledged before me this 28th day of October, 1999.



Darla J. Carter
NOTARY PUBLIC

WITNESS my hand and seal this 26th day of October, 1999.

Gary Howell
Gary Howell

State of ILL

County of Lake

The foregoing instrument was acknowledged before me this 26th day of October, 1999.



Darla J. Carter
NOTARY PUBLIC

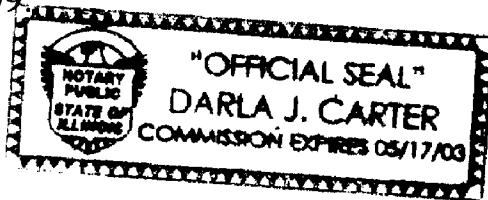
WITNESS my hand and seal this 28th day of October, 1999.

Kenneth E. Pawlak
Kenneth E. Pawlak

State of ILL

County of Lake

The foregoing instrument was acknowledged before me this 28th day of October, 1999.



Darla J. Carter
NOTARY PUBLIC

WITNESS my hand and seal this 5th day of November, 1999.

Masatoshi Ozono
Masatoshi Ozono

State of Ill

County of LaSalle

The foregoing instrument was acknowledged before me this 5th day of November, 1999.



Darla J. Carter
NOTARY PUBLIC