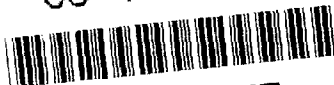


05-13-2002



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

1. Name of conveying party(ies):

Yuichi Komachi and
Katsuo Aizawa

5-6-02

2. Name and address of receiving party(ies)

Name: Machida Endoscope Co., Ltd

Internal Address:

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Street Address: 13-8, Honkomagome

6-chome, Bunkyo-ku

City: Tokyo State: Japan Zip:

Execution Date: 18 and 25 March 2002

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

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

18 and 25 March 2002

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)

10,139,424

Additional numbers attached? ☐ Yes ☒ No

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

Name: Thomas B. Ryan

Internal Address: Eugene Stephens
& Associates

Street Address: 56 Windsor Street

City: Rochester State: NY Zip: 14605

6. Total number of applications and patents involved: 1

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

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Date

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ASSIGNMENT

For good and valuable consideration, the ASSIGNOR(S):

Yuichi KOMACHI, c/o MACHIDA ENDOSCOPE CO., LTD.,
of 13-8, Honkomagome 6-chome, Bunkyo-ku, Tokyo, Japan and
Katsuo AIZAWA, c/o DEPARTMENT OF PHYSIOLOGY, TOKYO MEDICAL
UNIVERSITY, of 6-1-1, Shinjuku, Shinjuku-ku, Tokyo, Japan

(names and addresses of inventors)

hereby assign(s) to the ASSIGNEE:

MACHIDA ENDOSCOPE CO., LTD., of 13-8, Honkomagome 6-chome,
Bunkyo-ku, Tokyo, Japan, a corporation,
(name and address of company)

the full and exclusive right, title, and interest

to the invention disclosed in United States Patent Application
entitled

HOLLOW OPTICAL FIBER AND METHOD FOR MANUFACTURING
THE SAME

executed the date of this Assignment and

to all Letters Patent or similar legal protections throughout
the world resulting from the application or any substitute or related
applications disclosing common subject matter.

ASSIGNOR(S) guarantee(s) that no assignment, license, or
encumbrance has been or will be made that would conflict with this
Assignment.

ASSIGNOR(S) agree(s) to cooperate fully in obtaining and enforcing the Letters Patent or similar protections, including communicating any relevant information, signing any lawful and relevant documents, and, at the request and expense of the **ASSIGNEE**, testifying in any legal proceedings.

Y. Komachi.

Inventor's Signature

Yuichi KOMACHI

(typed name of inventor)

March 18, 2002

Date

Misogi Harada

Witness' Signature

March 18, 2002

Date

Katsuo Aizawa

Inventor's Signature

Katsuo AIZAWA

(typed name of inventor)

March 25, 2002

Date

Megumi Hasegawa

Witness' Signature

March 25, 2002

Date

Inventor's Signature

Date

(typed name of inventor)

Witness' Signature

Date