

02-14-2000

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To the Honorable Commissioner of Patents and Trademarks

101266826

original documents or copy thereof.

1. Name of conveying party(ies): ASAFUSA, Katsunori

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

Name: HITACHI MEDICAL CORPORATION

Internal Address:

Street Address: 1-14, Uchi-kanda,

Chiyoda-ku, Tokyo 101-0047, Japan

City: State: ZIP:

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

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

3. Nature of conveyance:

- Assignment, Merger, Security Agreement, Change of Name, Other (checked) See Attachment 1

Execution Date: May 8, 1999

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) 09/308,381

B. Patent No.(s)

Additional numbers attached? [ ] Yes [X] No

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

Name: ATSK, LLP

Internal Address:

Street Address: 1300 North 17th 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 (checked), Authorized to be charged to deposit account

8. Deposit account number:

01-2135

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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.

Melvin Kraus, Reg.No. 22,466 Name of Person Signing

Signature

Jan. 28, 2000 Date

Total number of pages including cover sheet, attachments, and document: 5

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

02/14/2000 DNGUYEN 00000012 09308381

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40.00 DP

**Attachment to Form PTO - 1595  
Recordation Form Cover Sheet**

**Attachment 1**

**Corrective recordation of assignment to correct receiving party on original cover sheet  
recorded on May 18, 1999, at reel 010049, frame 0756**

A/DS81-40

~~06-29-1999~~



101078355

COVER SHEET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Y 09/308381

See attached original documents or copy thereof.

649-37216X00

To the Honorable Commissioner of

1. Name of conveying party(ies):  
Katsunori ASAFUSA

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

Name: Hitachi, Ltd.

Street Address: 6, Kanda Surugadai 4-chome, Chiyoda-ku

510 Rec'd PCT/PTO 18 MAY 1999

City: Tokyo:

Country: Japan

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

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

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other \_\_\_\_\_

Execution Date: May 8, 1999

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: May 8, 1999

A. Patent Application No.(s) 09/308381

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

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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.

Melvin Kraus

Name of Person Signing

Attorney Registration No. 22,466

Signature

May 18, 1999

Date

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

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 HITACHI MEDICAL CORPORATION of 1-14, Uchi-kanda, Chiyoda-ku, Tokyo, 101-0047, 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

ULTRASONIC PROBE AND ULTRASONIC DIAGNOSTIC APPARATUS 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 HITACHI MEDICAL CORPORATION, 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 HITACHI MEDICAL CORPORATION.

- |  | (Full Name) | (Signature)              |
|--|-------------|--------------------------|
| 1) Date <u>08/05/1999</u> Inventor <u>Katsunori ASAFUSA</u>                            |             | <i>Katsunori Asafusa</i> |
| Residence <u>Same as below</u> Citizenship <u>JAPAN</u>                                |             |                          |
| Post Office Address <u>1575-13, Takayanagi, Matsudo-shi Chiba-ken, 270-2202, JAPAN</u> |             |                          |
| 2) Date _____ Inventor _____   |             |                          |
| Residence _____ Citizenship _____  |             |                          |
| Post Office Address _____  |             |                          |
| 3) Date _____ Inventor _____   |             |                          |
| Residence _____ Citizenship _____  |             |                          |
| Post Office Address _____  |             |                          |
| 4) Date _____ Inventor _____   |             |                          |
| Residence _____ Citizenship _____  |             |                          |
| Post Office Address _____  |             |                          |
| 5) Date _____ Inventor _____   |             |                          |
| Residence _____ Citizenship _____  |             |                          |
| Post Office Address _____  |             |                          |

Witness(es)

- All) \_\_\_\_\_ 2) \_\_\_\_\_ 4) \_\_\_\_\_
- 1) *Kaoru Sato* 3) \_\_\_\_\_ 5) \_\_\_\_\_  
Kaoru SATO



**UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office**

ASSISTANT SECRETARY AND COMMISSIONER  
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Washington, D.C. 20231

AUGUST 27, 1999

PTAS

ANTONELLI, TERRY, STOUT, ET AL.  
MELVIN KRAUS  
1300 NORTH SEVENTEENTH STREET  
SUITE 1800  
ARLINGTON, VA 22209



\*101078355A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
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BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
ASAFUSA, KATSUNORI

DOC DATE: 05/08/1999

ASSIGNEE:  
HITACHI, LTD.  
6, KANDA SURUGADAI 4-CHOME,  
CHIYODA-KU  
TOKYO, JAPAN

SERIAL NUMBER: 09308381  
PATENT NUMBER:

FILING DATE: 05/18/1999  
ISSUE DATE:

LAWAN FLETCHER, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

RECORDED: 01/28/2000

**PATENT**  
REEL: 010537 FRAME: 0978