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

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

the original document.

Melvin Kraus, Reg.No. 22,466

Name of Person Signing

Jan. 28, 2000

Date

Mail documents to be recorded with required cover sheet information to: Commissioner of

02/14/2000 DHGUYEN 00000012 09308381

01 FC:581

Patents & Trademarks, Box Assignments Washington, D.C. 20231

(Form PTO-1595-Recordation Form Cover Sheet - page 1 of 3)

**PATENT** REEL: 010537 FRAME: 0974

## 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

PATENT | REEL: 010537 FRAME: 0975

To the Honorable Commissioner of   101078355   2. Name and address of receiving party(ies): Name: Hitachi, Ltd.   Street Address: 6, Kanda Surugadai 4-chome, Chiyoda-   Additional name(s) of conveying party(ies) attached?   Yes \ No     Assignment	mark Office
To the Honorable Commissioner of  1	·ku
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-  Additional name(s) of conveying party(ies) attached?  Yes No  3. Nature of conveyance:	·ku
1. Name of conveying party(ics): Katsunori ASAFUSA  2. Name and address of receiving party(ies): Name: Hitachi, Ltd.  Street Address: 6, Kanda Surugadai 4-chome, Chiyoda-  510 R0C'd PCT/PTO 1 8 MAY 1999  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	·ku
Street Address: 6, Kanda Surugadai 4-chome, Chiyoda-    Additional name(s) of conveying party(ies) attached?	-ku
Additional name(s) of conveying party(ies) attached? Yes No  3. Nature of conveyance:  Assignment Merger  Security Agreement Change of Name Other Execution Date: May 8, 1999  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: May 8, 1999	-ku
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	
Assignment	
Security Agreement Change of Name Other Country: Japan  Execution Date: May 8, 1999  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: May 8, 1999	
Country: Japan  Execution Date: May 8, 1999  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: May 8, 1999	
Execution Date: May 8, 1999  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: 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	
If this document is being filed together with a new application, the execution date of the application is: May 8, 1999	
Additional numbers attached?  Yes  No	
5. Name and address of party to whom correspondence concerning document should be mailed:  6. Total number of applications and patents involved: 1	
Name: ANTONELLI, TERRY, STOUT & KRAUS, LLP 7. Total fee (37 CFR 3.41)	\$40.00
Internal Address:    X   Enclosed     X   Any deficiencies may be charged to deposit account     Authorized to be charged to deposit account	t
Street Address: 1300 North Seventeenth Street 8. Deposit account number: 01-2135	
Suite 1800  City: Arlington State: VA Zip: 22209  (Attach duplicate copy of this page if paying by deposit account)	
City: Arlington State: VA Zip: 22209  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 of the original document.	сору
Melvin Kraus  Nema of Barron Signing  Signature  May 18, 1999  Date	
Name of Person Signing Signature Date Attorney Registration No. 22,466 Total number of pages including cover sheet, attachments, and document: 2	

OMB No. 0651-0011 (exp. 4/94)

PATENT REEL: 010537 FRAME: 0976

## **ASSIGNMENT**

named inventor, I hereby sell and assign to HTPACHI 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 ULITRASONIC PROBE AND ULITRASONIC 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  (It is 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-annead 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		<del>-</del>		, the sufficiency and receipt of which is here	by acknowledged, as a below
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  ULITRASCNIC PROBE AND ULITRASCNIC 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 ORDORATION	nar	ned inventor, I hereby sell ar	nd assign to _	HITACHI MEDICAL CORPORATION	
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  ULITRASCNIC PROBE AND ULITRASCNIC 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 ORDORATION	of.	1-14, Uchi-kanda,	Chiyoda-k	u, Tokyo, 101-0047, Japan	
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 HTMCHIT MEDICAL.  CORPORATION	its	successors and assigns or ot	her legal repres	sentatives all my rights, title and interest, in	and for the United States of
tion 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 HTACHI MEDICAL ORPORATION  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 assignce;  And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said	Ü	LTRASONIC PROBE AND	O ULTRASON	IC DIAGNOSTIC APPARATUS USING T	THE SAME
	tio	n for United States Letters	Patent therefor	r, executed by me even date herewith, and all	United States Letters Patent
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 secute the title thereto in said assignee;  And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said	ent	ire ownership of the said Let	tters Patent wh	en granted, to be held and enjoyed by said <u>I</u>	HITACHI MEDICAL
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		TODDOD 3 COT CAT			
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					have been held and enjoyed
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	ру 1				ich may be necessary, lawful
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		proper in the prosecution	of the above-na	amed application or in the preparation and pr	osecution of any continuing,
And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said		-		<del></del>	any amendment, extension,
Citizenship   Citizenship   Post Office Address   Inventor   Inventor   Residence   Inventor   Residence   Citizenship   Post Office Address   Inventor   Citizenship   Inventor   Citizensh	01 1	interference proceedings, or	otherwise to se	cute the title thereto in said assignee,	
Date   08/05/1999   Inventor   Katsunori   ASAFUSA   Matsunori   Citizenship   Matsunori   Matsunori	•	_		st the Commissioner of Patents to issue said I	etters Patent to said
Residence Same as below Citizenship JAPAN  Post Office Address Chiba-ken, 270-2202, JAPAN  2) Date Inventor Citizenship  Post Office Address  3) Date Inventor Citizenship  Post Office Address  4) Date Inventor Citizenship  Post Office Address  5) Date Inventor Citizenship  Post Office Address  Solution Inventor Citizenship  Post Office Address  Witness(es)  All) 2) 4)		ITACHI MEDICAL CORE	PORATION	•	
Residence Same as below Citizenship JAPAN  Post Office Address Chiba-ken, 270-2202, JAPAN  2) Date Inventor Citizenship  Post Office Address  3) Date Inventor Citizenship  Post Office Address  4) Date Inventor Citizenship  Post Office Address  5) Date Inventor Citizenship  Post Office Address  Solution Inventor Citizenship  Post Office Address  Witness(es)  All) 2) 4)				(Full Name)	(Signature)
Residence Same as below Citizenship JAPAN  Post Office Address Chiba-ken, 270-2202, JAPAN  2) Date Inventor Citizenship  Post Office Address  3) Date Inventor Citizenship  Post Office Address  4) Date Inventor Citizenship  Post Office Address  5) Date Inventor Citizenship  Post Office Address  Solution Inventor Citizenship  Post Office Address  Witness(es)  All) 2) 4)		08/05/1999			7/+ 101
Post Office Address Chiba-Ren, 270-2202, JAPAN  2) Date Inventor	11	Date 00/03/1333	Inventor	Katsunori ASAFUSA	Malsunon Usafusa
2) Date	1)	Same as be	al ou	0	
Residence Citizenship	1)	Same as be	al ou	0	
Post Office Address  Inventor  Residence	1)	Same as be	al ou	0	
3)   Date Inventor   Citizenship     Post Office Address   Inventor     Residence   Citizenship     Post Office Address     5)   Date   Inventor     Residence   Citizenship     Post Office Address     Witness(es)     All)   2)   4)		Residence Same as be 1575 Post Office Address Chif	elow 5-13, Takay 5-13, Takay 5-1, Zan 100	yanagi, Matsudo-shi D-2202, JAPAN	JAPAN
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Post Office Address	2)	Residence Same as be 1575 Post Office Address Child Ch	elow 5-13, Takay 5-13, Takay 5-13, Takay 5-13, Takay 6-13, Takay 6	Citizenship	JAPAN
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Witness(es) All)	2) 3)	Residence Same as be 1575 Post Office Address Chiff  Date Residence Post Office Address Date Post Office Address Post Office A	elow 5-13, Takay 5-13, Takay 5-1, 270	Citizenship	JAPAN
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	<ul><li>2)</li><li>3)</li><li>4)</li><li>5)</li></ul>	Residence Same as be 1575 Post Office Address Child Ch	elow 5-13, Takay 5-13, Takay 5-13, Takay 5-13, Takay 5-13, Takay 5-13, Takay 6-13, Takay 6	Citizenship — Ci	JAPAN
1) Kaoru Sato 3)	2) 3) 4) With	Residence Same as be 1575 Post Office Address Child Ch	elow 5-13, Takay 5-13, Takay 5-1, Takay 5-1, Takay 6-1, 270 6-1, 2	Citizenship —	JAPAN

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PATENT

REEL: 010537 FRAME: 0977



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AUGUST 27, 1999

PTAS

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



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RECORDATION DATE: 05/18/1999

REEL/FRAME: 010049/0756

NUMBER OF PAGES: 2

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** 

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