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To the Honorable Commissioner of Patents

101010638

original documents or copy thereof.

1. Name of conveying party(ies): Masao FUKUNAGA, Tamio ISHIHARA, Koji SAITO, Katsutoshi YAMADA, Hideo ENOKI, Sadao MORI, Ryo MIYAKE, Takao TERAYAMA, Masatoshi KANAMARU

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

2. Name and address of receiving party(ies)

Name: HITACHI, LTD.

Internal Address: \_\_\_\_\_

Street Address: 6, Kanda Surugadai

4-chome, Chiyoda-ku, Tokyo 101-8010

Japan

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

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

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other \_\_\_\_\_

Execution Date: March 16, 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: 3/16/99

A. Patent Application No.(s)

B. Patent No.(s)

09.281098

Additional numbers attached? ☐ Yes ☐ No

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

Name: Edward W. Greason

Internal Address: \_\_\_\_\_

Street Address: Kenyon &amp; Kenyon

One Broadway

City: New York, State: NY ZIP: 10004

6. Total number of applications and patents involved: 1

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

☐ Enclosed☒ Authorized to be charged to deposit account  
11-0600

8. Deposit account number:

11-0600

(Attach duplicate copy of this page if paying by deposit account)

04/13/1999 DNGUYEN 00000188 110600 09281098

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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.

Edward W. Greason

Name of Person Signing

Edward W. Greason

Signature

March 29, 1999

Date

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

8

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments

PATENT

REEL: 9873 FRAME: 0641

Express mail

EL 03975791305

JCS42 U.S. PTO

09/28/98

03/29/99

March 3-29-99

ASSIGNMENT

WHEREAS, WE, Masao Fukunaga, Tamio Ishihara, Koji Saito,  
Katsutoshi Yamada, Hideo Enoki, Sadao Mori,  
Ryo Miyake, Takao Terayama & Masatoshi Kanamaru, citizens of  
Japan, residing at 3600-578, Nakane, Hitachinaka-shi, Ibaraki 312-0011, Japan; 3059-5, Sawa,  
Hitachinaka-shi, Ibaraki 312-0001, Japan; 22-8, Sumiyoshi-cho, Mito-shi, Ibaraki 310-0844, Japan;  
Hitachi Wing 426, 11-1, Aoba-cho, Hitachinaka-shi, Ibaraki 312-0056, Japan; 3247-3, Shimoinayoshi,  
Chiyoda-machi, Niihari-gun, Ibaraki 315-0052, Japan; 673-56, Kandatsu-cho, Tsuchiura-shi, Ibaraki  
300-0013, Japan; 19-35, Umezono 2-chome, Tsukuba-shi, Ibaraki 305-0045, Japan; 56-100, Sakae-cho 1-chome,  
Ushiku-shi, Ibaraki 300-1233, Japan & 958, Funako, Miho-mura, Inashiki-gun, Ibaraki 300-0428, Japan  
respectively, have invented new and useful improvements in

WATER QUALITY METER AND WATER QUALITY MONITORING SYSTEM,

for which we are about to make application for Letters Patent  
of the United States, said application having been executed by us  
on even date herewith; and

WHEREAS, Hitachi, Ltd.,

a Company of Japan, having its place of business at \_\_\_\_\_  
6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010, Japan,

(hereinafter referred to as the Assignee), is desirous of acquiring  
the entire right, title and interest in and to the application  
and the invention therein described and claimed and any Letters  
Patent that may be issued upon the application or for the  
improvements therein contained.

NOW, THEREFORE, for and in consideration of the  
equivalent sum of One Dollar (\$1.00) to us in hand paid, the  
receipt and sufficiency whereof is hereby acknowledged, we  
have sold, assigned and transferred, and do hereby sell, assign  
and transfer unto the Assignee, its successors and assigns, the  
entire right, title and interest in and to the application and  
the invention therein contained, including the right to apply  
for any Letters Patent in the United States of America on the  
invention, any any Letters Patent that may issue thereon or  
therefor, in the United States, and all reissues, extensions,

**PATENT**

**REEL: 9873 FRAME: 0642**

renewals, divisions and continuations thereof, to the full end of the term or terms for which the Letters Patent may be issued, the same to be held and enjoyed by the Assignee, its successors and assigns, the same as it would have been held and enjoyed by us if this Assignment and sale had not been made.

And we hereby authorize and request the Commissioner of Patents to issue all such Letters Patent to the Assignee, its successors and assigns, in accordance with this instrument of Assignment.

We hereby represent and warrant that there are no rights and interests outstanding inconsistent with the rights and interests granted herein and that we will not execute any instrument or grant or transfer any rights or interests inconsistent therewith, and we bind ourselves, our heirs, executors, administrators and legal representatives, as the case may be, to execute and deliver to the Assignee, its successors and assigns, any further documents or instruments and do any and all further acts that may be deemed necessary by the Assignee, its successors and assigns, to vest in the Assignee, its successors and assigns, the title herein conveyed, or intended so to be, and to enable such title to be recorded in the United States.

And we further covenant and agree, in consideration of the premises that we, our executors and administrators, will at any time upon request communicate to the Assignee, its successors and assigns, any facts relating to the invention and improvements and the history thereof, known to us or our executors and administrators, and that we will testify as to the same in any

interference or other litigation when requested so to do by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 16th day of March, 1999.

Masao Fukunaga

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 16th day of March, 1999.

Tamio Ishihara

WITNESSED BY:

Mari Yamagata  
Name

32-12, Kuji-cho 6-chome, Hitachi-shi

Ibaraki 319-1222, Japan  
Address

WITNESSED BY:

Mari Yamagata  
Name

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Ibaraki 319-1222, Japan  
Address

IN TESTIMONY WHEREOF, I have hereunto set my hand and  
seal this 16th day of March, 1999.

Koji Saito

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seal this 16th day of March, 1999.

Katsutoshi Yamada

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Mari Yamagata  
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Ibaraki 319-1222, Japan  
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Hideo Enoki

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seal this 16th day of March, 1999.

Sadao Mori

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IN TESTIMONY WHEREOF, I have hereunto set my hand and  
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Ryo Miyake

IN TESTIMONY WHEREOF, I have hereunto set my hand and  
seal this 16th day of March, 1999.

Takao Terayama

WITNESSED BY:

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IN TESTIMONY WHEREOF, I have hereunto set my hand and  
seal this 16th day of March, 1999.

Masatoshi Kanamaru

IN TESTIMONY WHEREOF, I have hereunto set my hand and  
seal this \_\_\_\_\_ day of \_\_\_\_\_, 19 .

WITNESSED BY:

Mori Yamagata  
Name

32-12, Kuji-cho 6-chome, Hitachi-shi,

Ibaraki 319-1222, Japan  
Address

WITNESSED BY:

\_\_\_\_\_  
Name

\_\_\_\_\_  
Address