

08-19-1998

NIP-107



100796846

PATENTS ONLY (ref OG 7/28/92)

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

- | | | |
|--|--------------------------------------|--|
| <p>1. Name of Party(ies) conveying an interest:</p> <p>Shigeki MATSUBARA
Kazuhiro TANAKA
Akira INAGAKI
Barnd RÖSICKE</p> | <p><i>WRD</i>
<i>7-14-98</i></p> | <p>2. Name and Address of Party(ies) receiving an interest:</p> <p>HITACHI, LTD.
6, Kanda Surugadai 4-chome
Chiyoda-ku, Tokyo 101, JAPAN</p> <p>Boehringer Mannheim GmbH
Sandhofer Strasse 116 D-68305
Mannheim, Germany</p> |
|--|--------------------------------------|--|

3. Description of the interest conveyed: Assignment

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

Additional sheet attached? Yes No

If this document is being filed together with a new application,
the execution date of the application is: _____

DATE

- | | |
|-------------------------------|-------------------|
| A. Patent Application No. (s) | B. Patent No. (s) |
|-------------------------------|-------------------|

08/892,658

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

Thomas E. Beall, Jr.
Fay, Sharpe, Beall,
Fagan, Minnich & McKee
104 East Hume Avenue
Alexandria, Virginia 22301

6. Number of applications and patents involved: One

7. Amount of fee enclosed or authorized to be charged: \$40.00 *E*

8. The Commissioner is hereby authorized to charge Deposit Account No. 02-1540 if no check is attached.

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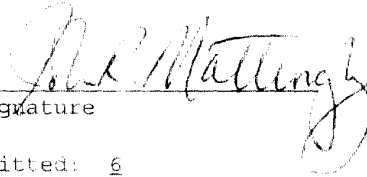
9. Execution date of attached document: June 26, 1997

PATENT
REEL: 9382 FRAME: 0592

10. To the best of my knowledge and belief, I declare under penalty of perjury under the laws of the United States of America that the foregoing information is true and correct and that any attached copy is a true copy of the original document.

John R. Mattingly

Name of Person Signing


Signature

July 14, 1998

Date

Total number of pages being submitted: 6

01-06-1998

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NIP-107



100598627

PATENTS ONLY (ref OG)

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

- 1. Name of Party(ies) conveying an interest:
- 2. Name and Address of Party(ies) receiving an interest:

Shigeki MATSUBARA; Kazuhiro TANAKA;
Akira INAGAKI; Bernd RÖSICKE

HITACHI, LTD.
6, Kanda Surugadai 4-chome
Chiyoda-ku, Tokyo, JAPAN, and

Boehringer Mannheim GmbH
Sandhofer Strasse 116 D-68305
Mannheim, Germany

MP
12-10-97

- 3. Description of the interest conveyed: Assignment
- 4. Application number(s) or patent number(s).

Additional sheet attached? Yes No

If this document is being filed together with a new application
the execution date of the application is: _____

DATE

- A. Patent Application No.(s)
- B. Patent No.(s)

08/892,658

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

Thomas E. Beall, Jr.
Fay, Sharpe, Beall,
Fagan, Minnich & McKee
104 East Hume Avenue
Alexandria, Virginia 22301

- 6. Number of applications and patents involved: One
- 7. Amount of fee enclosed or authorized to be charged: \$40.00
- 8. The Commissioner is hereby authorized to charge Deposit Account No. 02-1540 if no check is attached.

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01 FC:581 40.00 OP

- 9. Execution date of attached document: June 18 & 26, 1997

10. To the best of my knowledge and belief, I declare under penalty of perjury under the laws of the United States of America that the foregoing information is true and correct and that any attached copy is a true copy of the original document.

John R. Mattingly
Name of Person Signing

John R. Mattingly
Signature

December 10, 1997
Date

Total number of pages comprising cover sheet: 1

PATENT

REEL: 9382 FRAME: 0594

ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to the undersigned by

ASSIGNEE Hitachi, Ltd. &
Boehringer Mannheim GmbH

whose address is ~~6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101, Japan & Sandhofer Strasse 116 D-68305 Mannheim Germany~~
a corporation of (if a corporation) ~~Japan & Germany~~

receipt of which is hereby acknowledged, the undersigned hereby warrants title to, and sell and assign to said assignee, its' successors and assigns, all right, title and interest, in and for the U. S. A. and all foreign countries, including all rights of priority, in and to the invention entitled

TITLE

APPARATUS FOR TRANSFERRING LIQUID HAVING LIQUID LEVEL SENSING FUNCTION

invented by us/me and described in the application for U. S. Letters Patent therefor identified as:

- Serial No. _____, filed _____; or
- executed on even date herewith; or
- executed on _____,

and all United States and foreign Letters Patent which may be granted therefor, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said assignee, its successors, assigns or other legal representatives, to the full end of terms for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by us/me if this assignment and sale had not been made:

And we/I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of said above-named application or in the preparation and prosecution of any continuing, continuation in-part, substitute, divisional, renewal, reexamination or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And we/I do hereby authorize and request the Commissioner of Patents and Trademarks, or equivalent, to issue said Letters Patent to said assignee, and Thomas E. Beall, Jeffrey M. Ketchum, or John R. Mattingly, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Signed and witnessed this 26th day of June 1997
18th day of June 1997

Signature Shigeki Matsubara
Name Shigeki Matsubara

Signature Kazuhiro Tanaka
Name Kazuhiro Tanaka

Signature Akira Inagaki
Name Akira Inagaki

Signature Bernd Rösicke
Name Bernd Rösicke

Signature _____
Name _____

Signature _____
Name _____

Signature _____
Name _____

Signature _____
Name _____

Signature of Witness Mari Yamagata
Name of Witness Mari Yamagata
(SEAL)

Signature of Witness Annette Haaf
Name of Witness Annette Haaf
(SEAL)



NIP-107

UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
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Washington, D.C. 20231

FEBRUARY 11, 1998

PTAS

FAY, SHARPE, BEALL, ET AL.
THOMAS E. BEALL, JR.
104 EAST HUME AVENUE
ALEXANDRIA, VIRGINIA 22301



100598627A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF NON-RECORDATION OF DOCUMENT

DOCUMENT ID NO.: 100598627

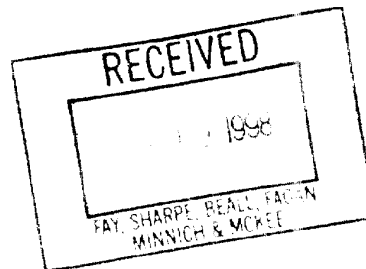
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THE ORIGINAL DATE OF FILING OF THIS ASSIGNMENT DOCUMENT WILL BE MAINTAINED IF RESUBMITTED WITH THE APPROPRIATE CORRECTION(S) WITHIN 30 DAYS FROM THE DATE OF THIS NOTICE AS OUTLINED UNDER 37 CFR 3.51. THE RESUBMITTED DOCUMENT MUST INCLUDE A STAMP WITH THE OFFICIAL DATE OF RECEIPT UNDER 37 CFR 3. APPLICANTS MAY USE THE CERTIFIED PROCEDURES UNDER 37 CFR 1.3 OR 1.10 FOR RESUBMISSION OF THE RETURNED PAPERS, IF THEY DESIRE TO HAVE THE BENEFIT OF THE DATE OF DEPOSIT IN THE UNITED STATES POSTAL SERVICE.

SEND DOCUMENTS TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, 2800 CRYSTAL DRIVE, WASHINGTON, D.C. 20231. IF YOU HAVE ANY QUESTIONS REGARDING THIS NOTICE, YOU MAY CONTACT THE INDIVIDUAL WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723.

1. THE COVER SHEET SUBMITTED FOR RECORDING IS NOT ACCEPTABLE. AN EXECUTION DATE MUST BE INDICATED FOR EACH CONVEYING PARTY.

SHARMALLA SIMPSON, EXAMINER
ASSIGNMENT DIVISION
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17111
7-14-98
577

NIP-107

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

S. MATSUBARA et al

Batch No. F87

Serial No. 08/892,658

Group Art Unit: 1743

Filed: July 15, 1997

Examiner: J. Ludlow

For: APPARATUS FOR TRANSFERRING LIQUID
HAVING LIQUID LEVEL SENSING FUNCTION

TRANSMITTAL OF ASSIGNMENT

Assistant Commissioner of Patents
Washington, D.C. 20231


Sir:

Applicants submit herewith the Assignment Transmittal, the original Assignment document, and copies of the Notice of Non-Recordation of Document, and the previously submitted Assignment Transmittal Letter filed December 10, 1997.

A check for \$40.00 for the Assignment recording fee was sent with the previously submitted Assignment Transmittal Letter on December 10, 1997.

Applicants request that the Assignment be recorded, and that the recorded document be returned to the undersigned.

Respectfully submitted,


John R. Mattingly
Registration No. 30,193
Attorney for Applicants

FAY, SHARPE, BEALL,
FAGAN, MINNICH & McKEE
104 East Hume Avenue
Alexandria, Virginia 22301
(703) 684-1120
Date: July 14, 1998