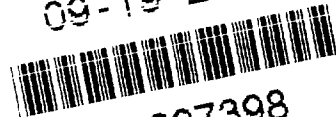


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1. Name of conveying party(ies):

Hideji Tajima  
Kimimichi Obata  
Hermann Leying  
Claus Bamberg  
Volker Degenhardt

9.17.02

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

2. Name and address of receiving party(ies)

Name: 1st Assignee: Precision System Science, Co., Ltd.  
2nd Assignee: Roche Diagnostics GmbH  
Internal Address: \_\_\_\_\_  
1st Assignee: 88, Kamihongou, Matsudo-shi,  
Chiba 271-0064 Japan

2nd Assignee: Sandhoferstrasse 116,  
68305 Mannheim, Germany

Street Address: \_\_\_\_\_

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: July 15, 2002  
July 18, 2002  
August 2, 2002  
July 23, 2002  
July 31, 2002

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)  
10/169,474

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: Warren B. Kice

Internal Address: Haynes and Boone, LLP

Street Address: 901 Main Street, Suite 3100

City: Dallas State: Texas Zip: 75202

6. Total number of applications and patents involved:

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

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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.

Warren B. Kice, Reg. No. 22,732

Name of Person Signing

*Warren B. Kice*

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**A S S I G N M E N T**

WHEREAS, I,

- |     |                   |                      |
|-----|-------------------|----------------------|
| (1) | Hideji TAJIMA     | of Chiba, Japan      |
| (2) | Kimimichi OBATA   | of Chiba, Japan      |
| (3) | Hermann LEYING    | of Mannheim, Germany |
| (4) | Claus BAMBERG     | of Mannheim, Germany |
| (5) | Volker DEGENHARDT | of Mannheim, Germany |

have invented certain improvements in

**DISPENSER OPERATION VERIFICATION  
APPARATUS AND VERIFICATION METHOD**

and filed a United States National Phase patent application claiming priority based upon PCT/JP00/09335, filed December 27, 2000:

WHEREAS, **PRECISION SYSTEM SCIENCE Co., Ltd.**, a Japanese Corporation having a place of business at 88, Kamihongou, Matsudo-shi, Chiba 271-0064 Japan and **ROCHE DIAGNOSTICS GmbH**, a German Corporation having a place of business at Sandhoferstrasse 116, 68305 Mannheim, Germany, (hereinafter called ASSIGNEES), desires to acquire the entire right, title and interest in the application and invention, and to any United States and foreign patents to be obtained therefor;

NOW, THEREFORE, for a valuable consideration, receipt whereof is hereby acknowledged, I, the above named, hereby acknowledge my prior existing obligation and hereby sell, assign, and transfer to ASSIGNEES its successors and assigns, the entire right, title, and interest in the application and invention therein disclosed for the United States and foreign countries, to and under the said improvements, and the said application and all divisionals, renewals, continuing applications thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the

application to ASSIGNEES its successors and assigns; and we hereby agree that ASSIGNEES may apply for foreign Letters Patent on the invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by ASSIGNEES.

- (1) Inventor: Hideji TAJIMA Date: July 15<sup>th</sup>, 2002  
Witness: Junko Asahina Date: August 13<sup>th</sup>, 2002
- (2) Inventor: Kimimichi OBATA Date: July 10<sup>th</sup>, 2002  
Witness: D. Ludwig Date: July 18<sup>th</sup>, 2002
- (3) Inventor: Hermann LEYING Date: August 2<sup>nd</sup>, 2002  
Witness: Herwig Wittor Date: August 2<sup>nd</sup>, 2002<sup>\*1</sup>  
~~July 31<sup>st</sup>, 2002~~  
Herwig Wittor
- (4) Inventor: Claus BAMBERG Date: July 23<sup>rd</sup>, 2002  
Witness: U. Napp Date: July 23<sup>rd</sup>, 2002
- (5) Inventor: Volker DEGENHARDT Date: July 31<sup>st</sup>, 2002  
Witness: Herwig Wittor Date: July 31<sup>st</sup>, 2002

\*1 Wrong date has been written down  
by error  
August 2<sup>nd</sup> 2002  
Herwig Wittor