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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**

Yuji Takahashi

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

Name: Koganei Corporation

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

Street Address: 8-16, Iwamotocho 3-chome

Chiyoda-ku

City: Tokyo

State: \_\_\_\_\_

Country: Japan

Zip: 101-0032

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

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

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) October 14, 2005

- Assignment  Merger
- Security Agreement  Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other \_\_\_\_\_

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

This document is being filed together with a new application.

A. Patent Application No.(s) 10/558127

B. Patent No.(s)

12/01/2005 ATRAM1 00000143 10558127

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( 40.00 OP )

Additional numbers attached?  Yes  No

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

Name: John C. Linderman

Internal Address: McCormick, Paulding & Huber LLP

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**6. Total number of applications and patents involved: 1**

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number 13-0235

Authorized User Name John C. Linderman

**9. Signature:**

Signature

November 23, 2005

Date

John C. Linderman, Reg. No. 24,420

Name of Person Signing

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

23

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

ASSIGNMENT

THIS INSTRUMENT OF ASSIGNMENT WITNESSETH THAT:

WHEREAS, I, Yuji TAKAHASHI

residents of

Koganei Corporation of 8-16, Iwamotocho 3-chome, Chiyoda-ku, Tokyo 101-0032, Japan  
respectively, have invented improvements in

SUCTION DETECTION METHOD AND SUCTION DETECTION APPARATUS

for which I have executed on even date herewith an application for Letters Patent of the  
United States, and

WHEREAS, KOGANEI CORPORATION

a corporation of the Japan

having a place of business at 8-16, Iwamotocho 3-chome, Chiyoda-ku, Tokyo 101-0032,  
Japan

is desirous of acquiring an interest in said invention, said application and the Letters Patent  
to be issued therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for and  
in consideration of the sum of ONE DOLLAR to each in hand paid and other good and  
valuable consideration, the receipt whereof is hereby acknowledged, I have sold, assigned  
and set over, and do hereby sell, assign and set over to said corporation, its successors or  
assigns, the entire right, title and interest to and in said invention in the United States and  
in all foreign countries, said United States application for Letters Patent therefor and the  
Letters Patent when issued; and I do hereby authorize and request the Commissioner of  
Patent and Trademarks to issue the Letters Patent based upon said application to said  
corporation as the assignees of my entire right, title and interest to and in the same, for the  
sole use and behoof of said corporation, its successors or assigns.

And I also hereby covenant and agree to sign all proper papers including  
divisional and other applications for patents and assignments thereof in the United States  
and application for patents and assignments in all foreign countries, and to execute all

rightful oaths and to take any other proper action that may in the judgment of the said corporation be necessary for securing thereto full rights to said invention, all of the foregoing to be at the expense of said corporation.

IN TESTIMONY WHEREOF, I have hereunto set our hands and affixed our seals.

October 14, 2005

Date

By Yuji TAKAHASHI  
Yuji TAKAHASHI