

09-12-2005

Form PTO-1595 (Rev. 09/04)  
OMB No. 0651-0027 (exp. 6/30/2005)U.S. DEPARTMENT OF COMMERCE  
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**PATENTS ONLY**11/21/2005  
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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)/Execution Date(s):**

Katsuyuki Kumano

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

Name: Japan System Planning Co., LTD

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

Execution Date(s) 03/10/2005

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

Street Address: 2-21-12, Sasazuka

**3. Nature of conveyance:**

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

City: Shibuya-ku

State: Tokyo

Country: Japan Zip: 151-0073

Additional name(s) & address(es) attached? ☐ Yes ☒ No**4. Application or patent number(s):**☒ This document is being filed together with a new application.A. Patent Application No.(s)  
09/07/2005 DTESSEM1 00000035 11217889

B. Patent No.(s)

04 FC:8-21

(60.00 DP)

Additional numbers attached? ☐ Yes ☒ No**5. Name and address to whom correspondence concerning document should be mailed:**

Name: Apex Juris, PLLC

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

Street Address: 13194 Edgewater Lane Northeast

City: Seattle

State: Washington Zip: 98125

Phone Number: 206-664-0314

Fax Number: 206-664-0328

Email Address: tracy@apexjuris.com

**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 50,2069

Authorized User Name Tracy M Heims

**9. Signature:**

Signature

08/29/2005

Date

Tracy M Heims

Name of Person Signing

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

3

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450**PATENT**  
**REEL: 016953 FRAME: 0055**

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION given to **Katsuyuki KUMANO**, having post office address of c/o Japan System Planning Co., Ltd., 2-21-12, Sasazuka, Shibuya-ku, Tokyo 151-0073, Japan, hereinafter referred to as the ASSIGNOR(S), who has/have invented certain new and useful "**FLUID ACTIVATION APPARATUS**", hereinafter referred to as the invention, for which I/we has/have executed an application for Letters Patent to be filed in the United States Patent and Trademark Office.

WHEREAS, **Japan System Planning Co., Ltd.**, a corporation organized and existing under the laws of the country/state of Japan, whose post office address/business address is 2-21-12, Sasazuka, Shibuya-ku, Tokyo 151-0073, Japan, hereinafter referred to as the ASSIGNEE, desires to acquire the entire right, title and interest for the United States and elsewhere throughout the world in and to said invention and application, including any and all divisions and continuations thereof, all rights of priority under the terms of the International Convention for the Protection of Industrial Property, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof.

NOW, WITNESSETH THIS that for and in consideration of the sum of one dollar (\$1.00) and other good and valuable consideration, the receipt, adequacy and sufficiency of which are hereby acknowledged, said ASSIGNOR(S) hereby assign(s), sell(s) and transfer(s) to said ASSIGNEE, its assigns and legal representatives, the entire right, title and interest for the United States and elsewhere throughout the world, in and to said invention and application, including any and all divisions and continuations thereof, all rights of priority under the terms of the International Convention for the Protection of

Industrial Property, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges, and advantages in any way arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives, in as ample and as beneficial a manner for all intents and purposes as said ASSIGNOR(S) might or could have held and enjoyed the same had this assignment not been made.

ALSO, said ASSIGNOR(S) hereby agree(s) to execute all papers necessary to file said applications in the United States and elsewhere throughout the world, and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing any and all Letters Patent thereon.

AND said ASSIGNOR(S) authorize(s) and request(s) the Commissioner of Patents to issue a Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

By:

  
Inventor's Name: Katsuyuki KUMANOMarch 10, 2005  
Date