

03-29-2006

10/572427  
17 MAR 2006

U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office



103206476

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**1. Name of conveying party(ies)/Execution Date(s):**

Hiromu Gotanda - February 24, 2006  
Keiichi Kaneda - February 24, 2006  
Takeshi Koya - February 24, 2006

Execution Date(s) \_\_\_\_\_

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

**3. Nature of conveyance:**

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

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

Name: Kitakyushu Foundation for the Advancement of Industry, Science and Technology

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

Street Address: 2-1, Hibikino, Wakamatsu-ku,

Kitakyushu-shi, Fukuoka

City: \_\_\_\_\_

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

Country: Japan Zip: 808-0135

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)

B. Patent No.(s)

03/27/2006 BFREY1 00000044 10572427

04 FC:802

40.00 DP

Additional numbers attached? ☐ Yes ☒ No

10/572427

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

Name: James M. Singer

Internal Address: 50th Floor, One Mellon Center

Street Address: 500 Grant Street, 50th Floor

City: Pittsburgh

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Phone Number: 412.454.5000

Fax Number: 412.281.0717

Email Address: docketingpgh@pepperlaw.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 50-0436

Authorized User Name Pepper Hamilton LLP

**9. Signature:**

03/17/2006

Date

James M. Singer, Reg. No. 45,111

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**PATENT**  
**REEL: 017673 FRAME: 0704**

## ASSIGNMENT

In consideration of value received, I, having a residence as stated below above my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

A METHOD FOR RECOVERING TARGET SPEECH BASED ON AMPLITUDE  
DISTRIBUTIONS OF SEPARATED SIGNALS

sell and assign to

1. KITAKYUSHU FOUNDATION FOR THE ADVANCEMENT OF INDUSTRY, SCIENCE AND TECHNOLOGY, a Japanese non-profit organization, having an address at 2-1, Hibikino, Wakamatsu-ku, Kitakyushu-shi, Fukuoka 808-0135 Japan
2. KINKI UNIVERSITY a Japanese University, having an addresse at 3-4-1, Kowakae, Higashiosaka-shi, Osaka 577-8502 Japan.

Their successors, and assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said United States patent application:

(check one)    ☒ executed concurrently herewith;  
                   ☐ executed on \_\_\_\_\_ ;  
                   ☐ Application No. \_\_\_\_\_, filed \_\_\_\_\_ ;

and in and to all applications for patent and patens for invention, in all countries of the world, including all divisions, reissues, continuations, substitutes and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing, reissue, or other applications, make all rightful oaths and declarations, and generally do

everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention in all countries.

After recording please return to:

James Singer, Pepper Hamilton LLP, One Mellon Center, 50th Floor, 500 Grant Street, Pittsburgh, PA 15219

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Country of Citizenship: Japan


Date 2/24/06

  
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Country of Citizenship: Japan

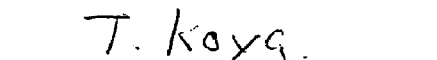
Date 2/24/06

  
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Country of Citizenship: Japan

Date 2/24/06

  
KOYA, Takeshi

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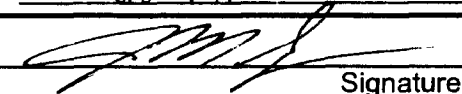
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Signature03/17/2006

Date

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2nd Receiving Party: **KINKI UNIVERSITY**  
Address: **3-4-1, Kowakae, Higashiosaka-shi, Osaka 577-8502 Japan.**