

10-24-2005

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10/507624



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DT04 Rec'd PCT/PTO 1 4 SEP 2004

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

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

Yoshinobu BABA (08/02/2004), Kazunori KATAOKA (08/05/2004), Mari TABUCHI (08/02/2004), Yukio NAGASAKI (08/05/2004).

Execution Dates: in parentheses after inventor name

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: Japan Science and Technology Agency

Internal Address:

Street Address:

1-8, Hon-cho 4-chome  
Kawaguchi-shi, Saitama  
332-0012  
JAPAN

City:

State:

Country: Zip:

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)

NEW

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Gerald M. Murphy, Jr.  
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Fax Number: (703) 205-8050

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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 to 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  
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9. Signature.

*Gerald M. Murphy, Jr.*  
Signature

September 14, 2004

Date

Gerald M. Murphy, Jr. - 28,977

Name of Person Signing

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

4

GMM/clb

10/507624

DT04 APP/NOTED 14 SEP 2004

RECORDATION FORM COVER SHEET  
(continued)

Form PTO-1595

## Additional Conveying Party(ies)/Execution Date(s) (1. Continued):

Yasuko TANAKA (08/07/2004), and Chie KUWAHARA (08/08/2004)

## Additional Assignees (2. Continued):

Assignee Name: \_\_\_\_\_

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

City: \_\_\_\_\_ State: \_\_\_\_\_ Country: \_\_\_\_\_ Zip: \_\_\_\_\_

## Additional Applications and/or Patents (4. Continued):

Additional Patent Application Numbers  
4A. Continued:Additional Patent Numbers  
4B. Continued:

Additional numbers attached?

☐

Yes

☐

No

**BIRCH, STEWART, KOLASCH & BIRCH, LLP**

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UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

**ASSIGNMENT**

**NEW**

Application No. \_\_\_\_\_

Filed 9/14/04

**Insert Name(s)  
of Inventor(s)**

**\*\*\* (FAMILY NAME (ALL CAPS), Given Name) \*\*\***

WHEREAS,	BABA Yoshinobu	;	KATAOKA Kazunori	
TABUCHI Mari	;	NAGASAKI Yukio	;	TANAKA Yasuko
KUWAHARA Chie	;		;	
	;		;	
	;		;	
	;		;	
	;		;	

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in

**Insert Title  
of Invention**

ELECTROPHORETIC BUFFER

for which an application for Letters Patent of the United States of America has been executed by the undersigned (except in the case of a provisional application).

**Insert Date  
of Signing of  
Application**

on 8/2/04; 8/5/04; 8/2/04; 8/6/04; 8/7/04; 8/8/04; and

**Insert Name  
of Assignee**

WHEREAS, Japan Science and Technology Agency

**Insert Address  
of Assignee**

of 1-8, Hon-cho 4-chome, Kawaguchi-shi, Saitama 332-0012 Japan

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and

**CHECK BOX  
IF APPROPRIATE**

☐ in any foreign countries.

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries;

and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree (s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) to the reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

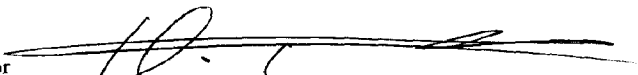
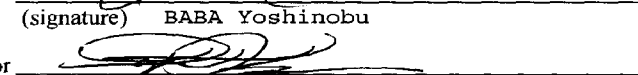
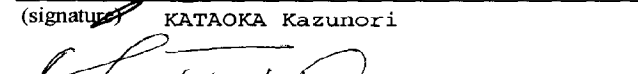
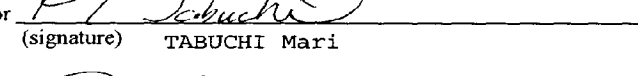

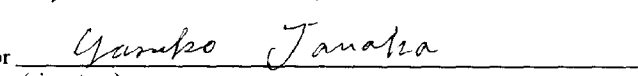
The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP 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 U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date <u>Aug. 2, 2004</u>	Name of Inventor <u></u> (signature) BABA Yoshinobu
Date <u>August 5, 2004</u>	Name of Inventor <u></u> (signature) KATAOKA Kazunori
Date <u>August 2, 2004</u>	Name of Inventor <u></u> (signature) TABUCHI Mari
Date <u>Aug. 05, 04</u>	Name of Inventor <u></u> (signature) NAGASAKI Yukio
Date <u>Aug 8, 2004</u>	Name of Inventor <u></u> (signature) TANAKA Yasuko
Date <u>August, 7, 2004</u>	Name of Inventor <u></u> (signature) KUWAHARA Chie