

06-30-2006

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103266768

COVER SHEET

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To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Kazuya OGATA
Hidenori FUKUMOTO
Atsuya TAKAHASHI
Masahiro SHIBATA

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

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

FUJIKURA LTD.
5-1, Kiba 1-chome, Koto-ku
Tokyo 135-8512 Japan

NIPPON TELEGRAPH AND TELEPHONE WEST
CORPORATION

3-15 Banba-cho, Chuo-ku,
Osaka 540-8511 Japan

NIPPON TELEGRAPH AND TELEPHONE EAST
CORPORATION

19-2, Nishi-shinjuku 3-chome, Shinjuku,
Tokyo 163-8019 Japan

KYOEI HIGH OPT Co., Ltd.

5-1, Kiba, 1-chome, Koto-ku,
Tokyo 135-0042 Japan

Execution Date: June 19, 2006

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

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: June 19, 2006

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

SUGHRUE MION, PLLC

WASHINGTON OFFICE

23373

CUSTOMER NUMBER

6. Total number of applications and patents involved:

1

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

- ☒ Enclosed.
☐ Authorized to be charged to Deposit Account No. 19-4880.

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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.

Howard L. Bernstein
for Howard L. Bernstein

Reg. No. 39,283

Reg. No. 25,665

June 22, 2006

Date

Total number of pages including cover sheet, attachments, and documents: 9

Mail documents to be recorded with required cover sheet information to:

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01 FC:0021

PATENT

REEL: 018029 FRAME: 0460

Assignment

Whereas, I/We, Kazuya OGATA of Chiba, Japan, Hideaki FUKUMOTO of Osaka, Japan and Atsuya TAKAHASHI of Chiba, Japan and Masahiro SHIBATA of Tokyo, Japan hereinafter called assignor(s), have invented certain improvements in

SPIRAL SUPPORT, INSTALLATION METHOD OF THE SAME, AND CABLE LAYING METHOD
USING THE SPIRAL SUPPORT

and executed an application for Letters Patent of the United States of America therefor on _____; and

Whereas, (1) FUJIKURA LTD.

5-1, Kiba 1-chome, Koto-ku, Tokyo 135-8512 Japan

(2) NIPPON TELEGRAPH AND TELEPHONE WEST CORPORATION

3-15 Banba-cho, Chuo-ku, Osaka 540-8511 Japan

(3) NIPPON TELEGRAPH AND TELEPHONE EAST CORPORATION

19-2, Nishi-shinjuku 3-chome, Shinjuku, Tokyo 163-8019 Japan

(4) KYOEI HIGH OPT Co., Ltd.

5-1, Kiba, 1-chome, Koto-ku, Tokyo 135-0042 Japan

(assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and I/we request the Director – U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number _____ and Confirmation number _____, filed _____) the filing date and application number of said application when known.

Date: June 19, 2006

Kazuya Ogata

Kazuya OGATA

s/

Date:

Hidenori FUKUMOTO

s/

Date: _____ Atsuya TAKAHASHI
s/

Date: _____ Masahiro SHIBATA
s/

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

Assignment

Whereas, I/We, Kazuya OGATA of Chiba, Japan, Hideaki FUKUMOTO of Osaka, Japan and Atsuya TAKAHASHI of Chiba, Japan and Masahiro SHIBATA of Tokyo, Japan hereinafter called assignor(s), have invented certain improvements in

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METHOD USING THE SPIRAL SUPPORT

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Date: _____ Kazuya OGATA

s/

Date: June 19, 2006 Hidehori Fukumoto Hidenori FUKUMOTO

s/

Date: _____ Aisuya TAKAHASHI
s/

Date: _____ Masahiro SHIBATA
s/

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

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Date: _____

Kazuya OGATA

s/

Date: _____

Hideonori FUKUMOTO

s/

Date: June 19, 2006

Atsuya Takahashi

Atsuya TAKAHASHI

s/

Date:

Masahiro SHIBATA

s/

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

PATENT

REEL: 018029 FRAME: 0466

Assignment

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Date:

Kazuya OGATA

s/

Date:

Hidegori FUKUMOTO

s/

PATENT

REEL: 018029 FRAME: 0467

Date:

Atsuya TAKAHASHI

s/

Date:

June 19, 2006

柴田 雅広

Masahiro SHIBATA

s/

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)