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Patent and Trademark Office

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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Yasusada MIYANO, Kenji OTSUKA and Satoshi ARAKAWA

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

3. Nature of Conveyance:

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

Execution Date: September 20, 1999

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

Name: Japan Pionics Co., Ltd.

Address: 1-3, Nishishinbashi 1-chome, Minato-ku,
Tokyo, Japan

Additional name(s) and 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:

A. Patent Application No.(s)

09/413,899

B. Patent No.(s)

406

Additional numbers attached? ☐ Yes ☒ No

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

6. Total applications and patents involved: 1

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

- ☒ Enclosed
☐ Authorized to be charged to deposit account

8. Deposit account number: 15-0030

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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.

C. Irvin McClelland

Name of Person Signing

Registration Number: 21,124

Joseph A. Scafetta Jr.

Signature

Joseph A. Scafetta, Jr.
Registration No. 26,803

May 25, 2001

Date

Total number of pages including this cover sheet: 3

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Commissioner of Patents and Trademarks
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PATENT
REEL: 011843 FRAME: 0095

Assignment Of Application

Page 1 of 2

WHEREAS, I (WE) (1) Yasusada MIYANO, (2) Kenji OTSUKA and(3) Satoshi ARAKAWAresiding at(1) c/o Japan Pionics Co., Ltd., Hiratsuka Factory5181, Tamura, Hiratsuka-shi, Kanagawa-ken, Japan(2) and (3) c/o Japan Pionics Co., Ltd.,Hiratsuka Laboratory 5181, Tamura, Hiratsuka-shiKanagawa-ken, Japan_____, respectively,have invented certain new and useful improvements in: PROCESS AND APPARATUS FOR
RECOVERING AMMONIAfor which an application for Letters Patent was executed on September 20, 1999
(Application No. 09/413,899 , filed October 7, 1999), andWHEREAS, Japan Pionics Co., Ltd.

(hereinafter referred to as "ASSIGNEE") having a place of business at: _____

1-3, Nishishinbashi 1-chome, Minato-ku, Tokyo, Japan ,
is desirous of acquiring the entire right, title and interest in and to said invention and in and to any
Letters Patent that may be granted therefore in the United States and its territorial possessions and in
any and all foreign countries;NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the
receipt whereof is hereby acknowledged, and for other good and valuable consideration,
I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and
exclusive right to the said invention in the United States and its territorial possessions and
in all foreign countries and the entire right, title and interest in and to any and all Letters
Patent which may be granted therefor in the United States and its territorial possessions
and in any and all foreign countries and in and to any and all divisions, reissues, continua-
tions, substitutions and renewals thereof.INSERT NAMES
AND RESIDENCE
ADDRESSES OF
THE INVENTORS:INSERT TITLE
OF INVENTION:INSERT DATE IN-
VENTORS SIGNED
DECLARATION:INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE:

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: September 20, 1999

Yasusada Miyano
(Signature of Inventor) Yasusada MIYANO

Date: September 20, 1999

Kenji Otsuka
(Signature of Inventor) Kenji OTSUKA

Date: September 20, 1999

Satoshi Arakawa
(Signature of Inventor) Satoshi ARAKAWA

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
ATTORNEYS AT LAW
FOURTH FLOOR
1755 JEFFERSON DAVIS HIGHWAY
ARLINGTON, VIRGINIA 22202