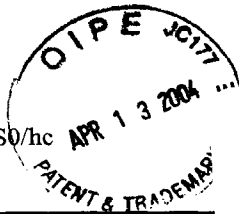


4.1304

Atty Docket No.: 247557US0/hc

FORM PTO-1595
1-31-92



04-19-2004



U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Director of the United States Patent and Tra

102723116 original documents or copy thereof.

1. Name of conveying party(ies):

Hiroyuki EBINUMA
Takami SARASHINA
Takuji MATSUMOTO
Masahiro SEKIGUCHI
Koji USHIZAWA

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

Name: DAIICHI PURE CHEMICALS CO., Ltd.
Address: 13-5, Nihonbashi 3-chome, Chuo-ku,
Tokyo 103-0027, Japan

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

3. Nature of Conveyance:

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

Execution Date: January 6, 2004

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)

10/755,236

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Customer Number

22850

Tel. (703) 413-3000
Fax. (703) 413-2220

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
(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

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.

Norman F. Oblon
Name of Person Signing

Signature

4/13/04
Date

Registration Number: 24,618

Roland E. Martin
Registration No. 48,082
Total number of pages including this cover sheet: 3

Do not detach this portion

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

Director of the United States Patent and Trademark Office
Mail Stop Assignment Recordation Services
Alexandria, Virginia. 22313

04/16/2004 MGETACHE 00000004 10755236

01 FC:8021

40.00 OP

PATENT
REEL: 015213 FRAME: 0330

Assignment of Application

Page 1 of 2

WHEREAS, I (WE) Hiroyuki Ebinuma ; Takami Sarashina ; Takuji Matsumoto ; Masahiro Sekiguchi and
Koji Ushizawa , whose full residence addresses are
c/o DIAGNOSTICS RESEARCH LABORATORIES, DAIICHI PURE CHEMICALS
CO., Ltd., 3-1, Koyodai 3-chome, Ryugasaki-shi, Ibaraki 301-0852 Japan ;
c/o GENOMIC SCIENCE RESEARCH LABORATORIES, DAIICHI PURE
CHEMICALS CO., Ltd., 2117, Muramatsu, Tokaimura, Naka-gun, Ibaraki 319-1112
Japan ; c/o DIAGNOSTICS RESEARCH LABORATORIES, DAIICHI PURE
CHEMICALS CO., Ltd., 3-1, Koyodai 3-chome, Ryugasaki-shi, Ibaraki 301-0852 Japan ;
c/o DIAGNOSTICS RESEARCH LABORATORIES, DAIICHI PURE CHEMICALS
CO., Ltd.,3-1, Koyodai 3-chome, Ryugasaki-shi, Ibaraki 301-0852 Japan and
c/o DIAGNOSTICS RESEARCH LABORATORIES, DAIICHI PURE CHEMICALS
CO., Ltd.,3-1, Koyodai 3-chome, Ryugasaki-shi, Ibaraki 301-0852 Japan

, respectively,

have invented certain new and useful improvements in: Method for quantitatively determining homocysteine
and a reagent for quantitative determination of homocysteine

for which an application for Letters Patent was executed on January 6, 2004

(Application No. 10/755,236, filed January 13, 2004), and

WHEREAS, DAIICHI PURE CHEMICALS CO., Ltd.

(hereinafter referred to as "ASSIGNEE") having a place of business at: 13-5, Nihonbashi 3-chome, Chuo-ku,
Tokyo 103-0027 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, continuations, substitutions and renewals thereof.

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.

03/03

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 1940 Duke Street Alexandria, Virginia 22314 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: _____	(Signature of Inventor) _____	Hiroyuki Ebinuma
Date: <u>January 6, 2004</u>	(Signature of Inventor) _____	<i>Hiroyuki Ebinuma</i> Takami Sarashina
Date: <u>January 6, 2004</u>	(Signature of Inventor) _____	<i>Takami Sarashina</i> Takuji Matsumoto
Date: <u>January 6, 2004</u>	(Signature of Inventor) _____	<i>Takuji Matsumoto</i> Masahiro Sekiguchi
Date: <u>January 6, 2004</u>	(Signature of Inventor) _____	<i>Masahiro Sekiguchi</i> Koji Ushizawa
Date: <u>January 6, 2004</u>	(Signature of Inventor) _____	<i>Koji Ushizawa</i>
Date: _____	(Signature of Inventor) _____	
Date: _____	(Signature of Inventor) _____	

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

03/03