

02-16-2005



HEET

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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:

- (1) Shintaro Iwatani
- (2) Yoshihiro Usuda
- (3) Kazuhiko Matsui

G Additional names of conveying parties attached.

2. Name and Address of Receiving Party(ies):

Name: Ajinomoto Co., Inc.

Street Address: 15-1, Kyobashi 1-chome, Chuo-ku

City, State, Zip: Tokyo 104-8315
JAPAN

G Additional name(s) and address(es) attached.

3. Nature of Conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other:

Execution Date: (1) November 18, 2004
(2) November 18, 2004
(3) November 18, 2004

4. (A) Patent Application Number(s):

If this document is being filed together with a new application, the execution date of the application is:

- (1) November 18, 2004
- (2) November 18, 2004
- (3) November 18, 2004

Additional Numbers Attached.

4. (B) Patent Number(s):

5. Name and Address of Party to whom Correspondence Concerning this Document Should be Mailed:

Name: Gary M. Nath
Address: NATH & ASSOCIATES PLLC
1030 15th Street, N.W. 6th Floor
Washington, D.C. 20005

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.

8. Deposit Account Number:

14-0112

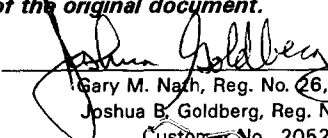
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9. Statement and Signature:

To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.

Name of Person Signing


Gary M. Nath, Reg. No. 26,965
Joshua B. Goldberg, Reg. No. 44,126
Customer No. 20529

Date: February 3, 2005

Attorney Docket No.: 26593U

Total number of pages comprising cover sheet: 1

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ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION given to
Shintaro IWATANI, Yoshihiro USUDA and Kazuhiko MATSUI

, hereinafter referred to as the ASSIGNOR(S), who has/have
invented certain new and useful
INTRACELLULAR METABOLIC FLUX ANALYSIS METHOD USING SUBSTRATE
LABELED WITH ISOTOPE

, hereinafter referred to as the invention, for which I/we
has/have executed an application for Letters Patent to be filed in
the United States Patent and Trademark Office.

WHEREAS, Ajinomoto Co., Inc., a corporation organized and
existing under the laws of the country/state of Japan, whose post
office address/business address is 15-1, Kyobashi 1-chome, Chuo-ku,
Tokyo 104-8315 Japan, hereinafter referred to as the ASSIGNEE,
desires to acquire the entire right, title and interest for the United
States and elsewhere throughout the world in and to said invention
and application, including any and all divisions and continuations
thereof, all rights of priority under the terms of the International
Convention for the Protection of Industrial Property, and any and
all Letters Patent which may be granted thereon, including any and
all renewals, reissues and prolongations thereof.

NOW, WITNESSETH THIS that for and in consideration of the sum
of one dollar (\$1.00) and other good and valuable consideration,
the receipt, adequacy and sufficiency of which are hereby
acknowledged, said ASSIGNOR(S) hereby assign(s), sell(s) and
transfer(s) to said ASSIGNEE, its assigns and legal representatives,
the entire right, title and interest for the United States and
elsewhere throughout the world, in and to said invention and
application, including any and all divisions and continuations
thereof, all rights of priority under the terms of the International
Convention for the Protection of Industrial Property, and any and
all Letters Patent which may be granted thereon, including any and
all renewals, reissues and prolongations thereof, with all the rights,
powers, privileges, and advantages in any way arising from or
pertaining thereto, for and during the term or terms of any and all
such Letters Patent when granted, including any and all renewals,
reissues and prolongations thereof, for the use and benefit of said
ASSIGNEE and its assigns and legal representatives, in as ample and
as beneficial a manner for all intents and purposes as said
ASSIGNOR(S) might or could have held and enjoyed the same had this
assignment not been made.

ASSIGNMENT

ALSO, said ASSIGNOR(S) hereby agree(s) to execute all papers necessary to file said applications in the United States and elsewhere throughout the world, and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing any and all Letters Patent thereon.

AND said ASSIGNOR(S) authorize(s) and request(s) the Commissioner of Patents to issue a Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

By: Shintaro Iwatani
Shintaro IWATANI
Inventor's Name:
(first or first inventor)

Date 18 Nov. 2004

By: Yoshihiro Usuda
Yoshihiro USUDA
Inventor's Name:
(second inventor)

Date 18 Nov. 2004

By: Kazuhiko Matsui
Kazuhiko MATSUI
Inventor's Name:
(third inventor)

Date 18 Nov. 2004

By: _____
Inventor's Name:
(fourth inventor)

Date

By: _____
Inventor's Name:
(fifth inventor)

Date