

05-14-2003

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▼ Atty Docket: 31721-189034

To the Honorable

102447676

Record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Shizuo MIZUSHINA
Atsushi ADACHI
Takahiro FUJIWARA

5.7-03

2. Name and address of receiving party(ies)

Name: Hamanen Co., Ltd.

Internal Address:

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

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Street Address: 621 Irino-cho, Hamamatsu-shi

City: Shizuoka-ken State/Country: JAPAN

Zip:

Execution Date: April 8, 2003, respectively

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

4. Application number(s) or patent number(s):

10430434

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

April 8, 2003

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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



26694

PATENT TRADEMARK OFFICE

Name: VENABLE

Address: P.O. Box 34385

City: Washington State: D.C. Zip: 20043-9998

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:

22-0261

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

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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.

Norman N. Kunitz, Reg. No. 20,586

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and documents: 3

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

Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

VENABLE
ATTORNEYS AT LAW

PC Docs No. 455041

PATENT
REEL: 014053 FRAME: 0596

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JCS78 U.S. PTO

05/07/03

05/08/2003 HAL111 00000036 10430434

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ASSIGNMENT
OF APPLICATION FOR UNITED STATES LETTERS PATENT

Attorney Docket

WHEREAS Shizuo MIZUSHINA of Shizuoka-ken, JAPAN, Atsushi ADACHI of Shizuoka-ken, JAPAN, and Takahiro FUJIWARA of Shizuoka-ken, JAPAN hereinafter (collectively) referred to as the assignor, has invented a certain improvement relating to METHOD OF ESTIMATING LOCATION OF ABNORMALITY IN FLUID FEED PIPELINE NETWORK

for which said assignor has caused an application for United States Letters Patent to be prepared,

[X] the inventor's declaration for said application being executed concurrently with the execution of this instrument; said application to be filed in the United States Patent and Trademark Office;

[] said application having been filed in the United States Patent and Trademark Office on _____
Serial Number [if known] _____;

[] said application having been filed under the Patent Cooperation Treaty on _____,
Serial No. _____, the United States of America being designated.

AND WHEREAS Hamanen Co., Ltd.

621 Irino-cho, Hamamatsu-shi,

Shizuoka-ken, JAPAN

hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the entire and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

EXECUTED, this 8th day of April, 2003

WITNESSES:

ASSIGNOR:

Signature: Genuemon Fujita

Signature: Shizuo Mizushina

Name: Genuemon FUJITA

Name: Shizuo MIZUSHINA

Address: 133-6-704, Tokiwa, Hamamatsu-shi,

Shizuoka-ken, JAPAN

Signature: Yoji Kanasashi

Name: Yoji Kanasashi

Address: 1415-13, Tenno-cho, Hamamatsu-shi,

Shizuoka-ken, JAPAN

VENABLE, BAETJER, HOWARD & CIVILETTI, LLP, Washington, D.C. CONTINUED

ASSIGNMENT
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Attorney Docket

Page 2

Title: METHOD OF ESTIMATING LOCATION OF ABNORMALITY IN FLUID FEED PIPELINE NETWORK

EXECUTED, this 8th day of April, 2003

WITNESSES:

ASSIGNOR:

Signature: Genuemon Fujita

Signature: Atsushi Adachi

Name: Genuemon FUJITA

Name: Atsushi ADACHI

Address: 133-6-704, Tokiwa, Hamamatsu-shi,

Shizuoka-ken, JAPAN

Signature: Yoji Kanasashi

Name: Yoji Kanasashi

Address: 1415-13, Tenno-cho, Hamamatsu-shi,

Shizuoka-ken, JAPAN

EXECUTED, this 8th day of April, 2003

WITNESSES:

ASSIGNOR:

Signature: Genuemon Fujita

Signature: Takahiro Fujiwara

Name: Genuemon FUJITA

Name: Takahiro FUJIWARA

Address: 133-6-704, Tokiwa, Hamamatsu-shi,

Shizuoka-ken, JAPAN

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EXECUTED, this _____ day of _____, 2003

WITNESSES:

ASSIGNOR:

Signature: _____

Signature: _____

Name: _____

Name: _____

Address: _____

Signature: _____

Name: _____

Address: _____

DC2-DOCS1-104911

RECORDED: 05/07/2003

PATENT
REEL: 014053 FRAME: 0598