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Form PTO-1595



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11/900745

09/13/2007

RM COVER SHEET

Attorney Docket No.: 02742C1/HG

S ONLY

To the Commissioner for Patents: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Kunio MIYAZAWA
 Toyoshi YAMAGUCHI
 Yasuki YAO
 Toshiaki TSUBONE
 Jun MIYATA
 Yoshinori YOMURA

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

JFE Engineering Corporation
 1-2, Marunouchi 1-chome
 Chiyoda-ku, Tokyo 100-0005, Japan

3. Nature of conveyance: - ASSIGNMENT

Execution Date(s): May 15, 2003, May 15, 2003, May 15, 2003,
May 15, 2003, May 15, 2003, May 15, 2003, respectively.

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 as follows:

_____, _____, _____,
 _____, _____, _____,
 respectively.

A. Patent Application No. (s)

B. Patent No.(s)

Filing Date: September 13, 2007

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

Customer No. 01933
 FRISHAUF, HOLTZ, GOODMAN & CHICK, P.C.
 220 Fifth Avenue, 16th Floor
 New York, New York 10001-7708

6. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41): \$ 40.00

[X] Form PTO-2038 enclosed

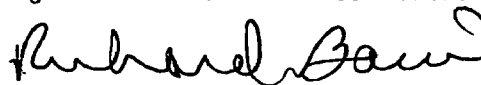
8. If any further fees are required, authorization is given to charge the same to Account No. 06-1378.

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.

Dated: September 13, 2007

By


 RICHARD S. BARTH
 Reg. No. 28,180

Express Mail® Mailing Label No. EM 155 683 125 USDate of Deposit: September 13, 2007

I hereby certify that this paper and enclosed application and fee are being deposited with the United States Postal Service "Express Mail Post Office Addresses" service under 37 CFR 1.10 with sufficient postage on the date indicated above and is addressed to: Mail Stop Assignment Recordation Services, Director of the U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450.


 Dorothy DeFrancesco

Total number of pages including cover sheet, attachments and document: 6

9/17/2007 HDESTA1 00000008 11900745

1 FC:8021

40.00 OP

PATENT
 REEL: 019882 FRAME: 0575

ASSIGNMENT

In consideration of value received, I, having a residence and post office address as stated below next to my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of an invention described in an application for United States patent entitled:

"METHOD AND APPARATUS FOR TREATING SLUDGE, AND METHOD AND APPARATUS FOR TREATING WASTEWATER UTILIZING THE SAME"

sell and assign to JFE Engineering Corporation

a corporation of Japan
having a business address at 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005, Japan

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said application for United States patent SN 10/320,277 filed December 16, 2002;

and in and to all applications for patent and patents for said invention, in all countries of the world, including all divisions, reissues, continuations, substitutions and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty it is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention in all countries.

I hereby grant to any attorney member of the following law firm the power to insert on this Assignment the Serial Number and filing date of said application when known.

SERIAL NO.:

FILING DATE:

Frishauf, Holtz, Goodman & Chick, P.C., 767 Third Avenue - 25th Floor, New York, N.Y. 10017-2023.

INVENTOR: SIGNATURE**DATE****POST OFFICE ADDRESS**

Sign: <i>Toyoshi Yamaguchi</i>	Date: <i>May 15, 2003</i>	Post Office Address; c/o JFE R&D Corporation, 1-1, Minamiwatarida-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0855 Japan
Type: Toyoshi YAMAGUCHI	Witness:	
Sign:	Date:	c/o Intellectual Property Department JFE Steel Corporation 2-3, Uchisaiwai-cho 2-chome Chiyoda-ku, Tokyo 100-0011, Japan
Type: Kunio MIYAZAWA	Witness:	
Sign: <i>Yasuki YAO</i>	Date: <i>May 15, 2003</i>	Post Office Address; c/o JFE R&D Corporation, 1-1, Minamiwatarida-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0855, Japan
Type: Yasuki YAO	Witness:	

NOTES: MUST BE DATED.

WITNESS DESIRABLE.

LEGALIZATION NOT REQUIRED.

RECORDING OFFICER:

After recording, please return to:

FRISHAUF, HOLTZ, GOODMAN & CHICK, P.C.
767 Third Avenue - 25th Floor, New York, N.Y. 10017-2023
Tel. No.: (212) 319-4900 Fax No.: (212) 319-5101

PATENT

REEL: 019882 FRAME: 0576

ASSIGNMENT

INVENTOR: SIGNATURE	DATE	POST OFFICE ADDRESS
Sign: <i>Toshiaki Tsubone</i>	Date: <i>May 15, 2003</i>	Post Office Address; c/o JFE Engineering Corporation, 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 Japan
Type: Toshiaki TSUBONE	Witness:	
Sign: <i>Jun Miyata</i>	Date: <i>May 15, 2003</i>	Post Office Address; c/o JFE Engineering Corporation, 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 Japan
Type: Jun MIYATA	Witness:	
Sign: <i>Yoshinori Yomura</i>	Date: <i>May 15, 2003</i>	c/o Intellectual Property Department JFE Steel Corporation 2-3, Uchisaiwai-cho 2-chome Chiyoda-ku, Tokyo 100-0011, Japan
Type: Yoshinori YOMURA	Witness:	
Sign:	Date:	
Type:	Witness:	
Sign:	Date:	
Type:	Witness:	
Sign:	Date:	
Type:	Witness:	
Sign:	Date:	
Type:	Witness:	
Sign:	Date:	
Type:	Witness:	

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In consideration of value received, I, having a residence and post office address as stated below next to my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of an invention described in an application for United States patent entitled:

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its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said application for United States patent SN 10/320,277 filed December 16, 2002;

and in and to all applications for patent and patents for said invention, in all countries of the world, including all divisions, reissues, continuations, substitutions and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty it is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention in all countries.

I hereby grant to any attorney member of the following law firm the power to insert on this Assignment the Serial Number and filing date of said application when known.

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FILING DATE:

Frishauf, Holtz, Goodman & Chick, P.C., 767 Third Avenue - 25th Floor, New York, N.Y. 10017-2023.

INVENTOR: SIGNATURE	DATE	POST OFFICE ADDRESS
Sign: Type: Toyoshi YAMAGUCHI	Date: Witness:	Post Office Address; c/o JFE R&D Corporation, 1-1, Minamiwatarida-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0855 Japan
Sign: <i>Kunio Miyazawa</i> Type: Kunio MIYAZAWA	Date: <i>May 15, 2003</i> Witness:	c/o Intellectual Property Department JFE Steel Corporation 2-3, Uchisaiwai-cho 2-chome Chiyoda-ku, Tokyo 100-0011, Japan
Sign: Type: Yasuki YAO	Date: Witness:	Post Office Address; c/o JFE R&D Corporation, 1-1, Minamiwatarida-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0855, Japan

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PATENT
REEL: 019882 FRAME: 0578

ASSIGNMENT.

INVENTOR:SIGNATURE		DATE	POST OFFICE ADDRESS
Sign:		Date:	Post Office Address; c/o JFE Engineering Corporation, 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 Japan
Type: Toshiaki TSUBONE		Witness:	
Sign:		Date:	Post Office Address; c/o JFE Engineering Corporation, 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 Japan
Type: Jun MIYATA		Witness:	
Sign:		Date:	c/o Intellectual Property Department JFE Steel Corporation 2-3, Uchisaiwai-cho 2-chome Chiyoda-ku, Tokyo 100-0011, Japan
Type: Yoshinori YOMURA		Witness:	
Sign:		Date:	
Type:		Witness:	
Sign:		Date:	
Type:		Witness:	
Sign:		Date:	
Type:		Witness:	
Sign:		Date:	
Type:		Witness:	
Sign:		Date:	
Type:		Witness:	

PATENT

RECORDED: 09/13/2007

REEL: 019882 FRAME: 0579