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WATARU AKAHANE  
HARUHISA IJIRI  
TOSHIRO HANADA

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

WAKO PURE CHEMICAL INDUSTRIES, LTD.  
1-2, DOSHOMACHI 3-CHOME, CHUO-KU,  
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Execution Date: SEPTEMBER 20, 2007

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: OCTOBER 10, 2007

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Douglas P. Mueller  
Address: Hamre, Schumann, Mueller & Larson P.C.  
P. O. Box 2902-0902  
Minneapolis, MN 55402

6. Total number of applications and patents involved: 1

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

- ☒ Enclosed  
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PATENT TRADEMARK OFFICE

PATENT

REEL: 020003 FRAME: 0873

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Docket No. ,

**ASSIGNMENT OF PATENT APPLICATION****WHEREAS,**

1. Wataru Akahane residing at 6-1, Takada-cho, Amagasaki-shi, Hyogo 661-0963 and a citizen of Japan
2. Haruhisa IJIRI residing at 6-1, Takada-cho, Amagasaki-shi, Hyogo 661-0963 and a citizen of Japan
3. Toshiro HANADA residing at 6-1, Takada-cho, Amagasaki-shi, Hyogo 661-0963 and a citizen of Japan

(hereinafter called "THE UNDERSIGNED") have made an invention and have executed an application for Letters Patent of the United States for this invention which was filed on , entitled METHOD OF DETERMINING IRON CONCENTRATION, and which has been given application serial number ;

and

**WHEREAS** WAKO PURE CHEMICAL INDUSTRIES, LTD. (hereinafter "ASSIGNEE") a corporation organized under the laws of Japan and having an office and place of business at 1-2, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 540-8605, Japan wishes to acquire the entire right, title and interest in and to said invention and patent application and any Letters Patent to be obtained therefor;

**NOW, THEREFORE,** for and in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, **THE UNDERSIGNED** hereby sell, assign, and transfer to the **ASSIGNEE**, its successors, legal representative and assigns, the entire right, title and interest for the United States in and to the invention disclosed in said application, and in and to said application, as well as to all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and **THE UNDERSIGNED** hereby authorize and request the Commissioner of Patents of the United States to issue all Letters Patent for said invention to the **ASSIGNEE** of the entire right, title and interest in and to the same, in accordance with the terms of this instrument.

**THE UNDERSIGNED** hereby agree that **THE UNDERSIGNED**, their executors and legal representatives will make, execute and deliver (without charge but at the expense of the **ASSIGNEE**) any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said **ASSIGNEE**, its successors and representatives all facts known to the **UNDERSIGNED** relating to said invention and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable to vest the **ASSIGNEE**, its successors or assigns, the entire right, title and interest in and to the

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said invention, patent applications, Letters Patent, rights, titles, benefits, privileges, and advantages hereby sold, assigned and conveyed, or intended so to be.

THE UNDERSIGNED represent and agree with said ASSIGNEE, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the UNDERSIGNED, and that full right to convey the same as herein expressed is possessed by the UNDERSIGNED.

IN TESTIMONY WHEREOF, THE UNDERSIGNED have hereunto set their hand on the dates indicated below.

Wataru Akahane  
Signature

SEP. 20, 2007  
Date

Haruhisa Ijiri  
Signature

SEP. 20, 2007  
Date

Toshiro Hanada  
Signature

Sep. 20, 2007  
Date