

FORM PTO-1595

(Rev. 6-93)

OMB No. 0651-0011 (exp. 4/94)

HSML-10873.1910USWO

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TOMOKAZU NIITSUMA (MAY 22, 2006)

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

JMS CO., LTD.
12-17, KAKOMACHI, NAKA-KU,
HIROSHIMA-SHI, HIROSHIMA,
730-8652 JAPANAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ NoAdditional name(s) & address(es) attached? ☐ Yes ☒ No

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

A. Patent Application No.(s)

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10/584,478

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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

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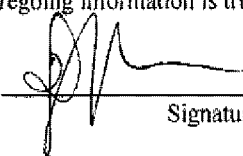
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PATENT TRADEMARK OFFICE

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FORM PTO-1595

(Rev. 6-93)

OMB No. 0651-04

HSML-10873.1910USWO



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☐ Other:

Execution Date: SEE ABOVE

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: JUNE 23, 2006

A. Patent Application No.(s)

B. Patent No.(s)

10/584478

Additional numbers attached? ☐ Yes ☒ No

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

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

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Signature

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PATENT TRADEMARK OFFICE

PATENT

REEL: 018300 FRAME: 0823

Docket No.

ASSIGNMENT OF PATENT APPLICATION

WHEREAS,

1. Shinichi YOSHIDA residing at c/o JMS CO., LTD., 12-17, Kakomachi, Naka-ku, Hiroshima-shi, Hiroshima 730-8652, JAPAN and a citizen of Japan
2. Minoru TANAKA residing at c/o JMS CO., LTD., 12-17, Kakomachi, Naka-ku, Hiroshima-shi, Hiroshima 730-8652, JAPAN and a citizen of Japan
3. Tomokazu NITSUMA residing at c/o JMS CO., LTD., 12-17, Kakomachi, Naka-ku, Hiroshima-shi, Hiroshima 730-8652, JAPAN 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 HEAT EXCHANGER, METHOD FOR MANUFACTURING THE SAME, AND HEART-LUNG MACHINE, and which has been given application serial number _____;

and

WHEREAS JMS CO., LTD. (hereinafter "ASSIGNEE") a corporation organized under the laws of Japan and having an office and place of business at 12-17, Kakomachi, Naka-ku, Hiroshima-shi, Hiroshima 730-8652, 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

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.

Shinichi Yoshida
Signature

May 25. 2006
Date

Minoru Tanaka
Signature

May 22. 2006
Date

Tomokazu Nishimura
Signature

May 22. 2006
Date