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September 17, 2002

RECORDATION FORM COVER SHEET

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9-23-02

OUR FILE NO. 2002-1312.ORI

U.S. PATENT AND TRADEMARK OFFICE
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CRYSTAL GATEWAY 4, ROOM 335
WASHINGTON, D.C. 20231

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Name: Pearl Star Co., Ltd.
Street Address: 4424, Oaza Mitsu, Akitsu-cho,
City: Toyota-gun, HIROSHIMA
Country: JAPAN Zip: 729-2402

OFFICE OF PUBLIC RECORDS
2002 SEP 23 PM 1:48
FINANCE SECTION

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

Hinomaru Carbotechno Co., Ltd.
2427-1, Otako-cho,
Miyoshi-shi, HIROSHIMA, 729-6211 JAPAN

Wenzhong OUYANG
Haitsu Mizuho 302,2-22-18, Higashimizue,
Edogawa-ku, TOKYO 132-0014 JAPAN

3. Nature of Conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other

{11978.DOC}

09/25/2002 DBYRME 00000023 09575559

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Execution Date: August 26, 2002

4. Application number(s) or registration number(s):
If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s): 09/575,559

B. Patent No.(s): _____

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

Name: Robert J. Jacobson
HAUGEN LAW FIRM PLLP
Street Address: 121 South Eighth Street, Suite 1130
City: Minneapolis State: MN Zip: 55402

6. Number of applications and patents involved: 1

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

X A check is enclosed.

8. The Commissioner is authorized to charge any fees or refund any overpayment under 37 CFR 1.16 and 1.17 which may be required by this paper to Deposit Account No. 50-0789.

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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.

Robert J. Jacobson _____ Date: 9/17/02
Name of Person Signing Signature

Total number of pages including cover sheet, attachments and document: 5

{11978.DOC}

PATENT
REEL: 013313 FRAME: 0705

For: U.S. Rights and Foreign Rights
For: U.S. Application
By: Inventors

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEES to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR: Pearl Star Co., Ltd.
4424, Oaza Mitsu, Akitsu-cho,
Toyota-gun, HIROSHIMA 729-2402 JAPAN

hereby sells, assigns and transfers to

ASSIGNEES: Hinomaru Carbotechno Co., Ltd.
2427-1, Otako-cho,
Miyoshi-shi, HIROSHIMA, 729-6211 JAPAN

And

Wenzhong OUYANG
Haitsu Mizuho 302, 2-22-18, Higashimizue,
Edogawa-ku, TOKYO 132-0014 JAPAN

and the successors, assigns and legal representatives of the ASSIGNEES the entire right, title and interest for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled:

Purging Apparatus For Removing Dirt From Washing Machine

and which is found in the U.S. Patent Application Number 09/575,559 filed on May 21, 2000 and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEES will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEES or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which

(Assignment of Invention—page 1 of 2)

may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, ASSIGNOR hereunto sets hand and seal:

Date: August 25, 2002



Signature of Etsuo SHINTAKU

Mr. Etsuo SHINTAKU
President
Pearl Star Co., Ltd.
4424, Oaza Mitsu, Akitsu-cho,
Toyota-gun, HIROSHIMA 729-2402 JAPAN

■■■■■■■

(Assignment of Invention—page 2 of 2)