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Attorney Dkt. No. 64606



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PATENT & TRADEMARK

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

1. Name of conveying party(ies)
Hatsuyuki Arai, Shigeto Izumi,
Xu-Jin Wang, Misuo Sugiyama,
Hisato Matsubara, Hideo Tanaka and
Toshikuni Shimizu
Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: SPEEDFAM CO., LTD.

Internal Address: _____

Street Address: _____

30-3, Nishirokugou, 4-chome
Ohta-ku, Tokyo, Japan

City _____ State _____ ZIP _____

3. Nature of conveyance

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other _____

Execution Date 10/7-8/98

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

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 _____

A. Patent Application No(s) 09/149,501

B. Patent No(s) _____

10/27/1998 GURCHING 00000047 09149501

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40.00 OP

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom correspondence
concerning document should be mailed

Name: Bruce R. Mansfield

Internal Address: _____

Fitch, Even, Tabin & Flannery

Suite 900

Street Address: _____

135 South LaSalle Street

City: Chicago State: IL ZIP: 60603

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

(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

Bruce R. Mansfield

Name of Person Signing

Signature

OCT 20 1998

Date

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

3

Mail documents to be recorded with required cover sheet information to:
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REEL: 9595 FRAME: 0631

A S S I G N M E N T

We, Hatsuyuki ARAI of Ayase-shi, Kanagawa-ken, Japan, Shigeto IZUMI of Ayase-shi, Kanagawa-ken, Japan, Xu-Jin WANG of Ayase-shi, Kanagawa-ken, Japan, Misuo SUGIYAMA of Ayase-shi, Kanagawa-ken, Japan, Hisato MATSUBARA of Ayase-shi, Kanagawa-ken, Japan, Hideo TANAKA of Ayase-shi, Kanagawa-ken, Japan, and Toshikuni SHIMIZU of Ayase-shi, Kanagawa-ken, Japan, for good and valuable consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign to SPEEDFAM CO., LTD., a corporation of Japan, with its principal place of business located at 30-3, Nishirokugou 4-chome, Ohta-ku, Tokyo, Japan, its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter invented by us and disclosed in the application for Letters Patent of the United States, Application No. 09/149,501, filed September 8, 1998, entitled.

CARRIER AND CMP APPARATUS

and in and to all Letters Patent and all Convention and Treaty rights of all kinds, in all countries throughout the world, for all such subject matter. We agree to sign all documents necessary to secure all said Letters Patent and rights and request issuance of all said Letters Patent to the above Assignee in accordance with this Assignment.

Oct. 8, 1998

(date)

Hatsuyuki Arai

Hatsuyuki ARAI

Oct 8, 1998

(date)

Shigeto Izumi

Shigeto IZUMI

October 7, 1998

(date)

Xu-Jin Wang

Xu-Jin WANG

Oct. 8, 1998

(date)

Oct. 8, 1998

(date)

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(date)

'98. 10. 8

(date)

Misuo Sugiyama

Misuo SUGIYAMA

Hisato Matsubara

Hisato MATSUBARA

Hideo Tanaka

Hideo TANAKA

Toshikuni Shimizu

清水 邦

Toshikuni SHIMIZU

JS oct 10 1998