

09-07-2000

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101451038

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09/644995
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THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

Please record the attached original documents or copies thereof.

1. Name of conveying party(ies):
SHUNJI HAKOMORI; TORU ASAI and NORIAKI MIZUNO

2. Name and address of receiving party(ies):
SPEEDFAM-IPEC CO., LTD.
2647 HAYAKAWA
AYASE-SHI, KANAGAWA 252-1123 JAPAN

3. Nature of conveyance:
XXXXX Assignment _____ Merger
_____ Security Agreement _____ Change of Name
_____ Other: _____
Execution Date: **July 17, 2000**

4. Application number(s) or application date(s): **09/644995**
If this document is being filed together with a new application, the execution date of the application is: **July 17, 2000**
A. Application No. B. Application Date

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

Paul D. Greeley, Esq.
Ohlandt, Greeley, Ruggiero & Perle, L.L.P.
One Landmark Square, 9th Floor
Stamford, Connecticut 06901-2682 U.S.A.

09/05/2000 SDWIS 00000003 09644995
02 FC:581 40.00 00
6. Total No. of applications and patents involved: 1

7. Total Fee (37 C.F.R. 3.41(h)) \$40.00/assignment.
XXXXX Enclosed
_____ Authorized to be charged to deposit account.

The Commissioner is hereby authorized to charge any additional fees under 37 C.F.R. 3.41 that may be required with this communication or credit any overpayment, to Deposit Account No. 01-0467. A duplicate copy of this Form is enclosed.

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.

Paul D. Greeley
Name of Person Signing

Paul D. Greeley
Signature

8/23/00
Date

Total number of pages including cover sheet, attachments and document: 2

JOINT ASSIGNMENT

The ASSIGNORS, Shunji Hakomori, Toru Asai and Noriaki Mizuno

have invented certain new and useful improvements in: SINGLE-SIDE POLISHING METHOD FOR
SUBSTRATE EDGE, AND APPARATUS THEREFOR
an invention which is fully described in an application for Letters Patent of the United States executed by them this day; and

The ASSIGNEE, SpeedFam-IPEC CO., LTD., a corporation organized under the laws of Japan having its
principal office at 2647 Hayakawa, Ayase-shi, Kanagawa 252-1123 Japan, wishes to acquire
the entire right, title and interest in and to the invention and under Letters Patent which may be obtained for this invention.

For valuable and legally sufficient considerations, receipt of which are hereby acknowledged, the Assignors sell, assign and
transfer to Assignee, its successors and assigns, the entire right, title and interest for the United States in and to the above-identified
invention and application and for the full term of any Letters Patent of the United States that may issue for the invention.

The Assignors also sell, assign and transfer to Assignee the entire right, title and interest in and to the invention and application for
Letters Patent and Letters Patent therefor in all countries foreign to the United States, including all rights under the International
Convention. The Assignors further authorize Assignee to apply for Letters Patent in foreign countries in the name of Assignee, and to
claim the priority of the filing date of the United States Application under the provisions of the International Convention.

The Assignors further agree, for themselves and their legal representatives, they will assist Assignee in the prosecution before the
United States Patent Office and the Federal Courts of this application, and other applications for Letters Patent including renewals,
continuations, divisions, reissues and substitutions, that the Assignee elects to make covering the invention. The Assignors vest in
Assignee like exclusive title in and to all such other applications and Letters Patent. The Assignors will execute and deliver to
Assignee any documents which may be requested by Assignee to carry out the terms of this Assignment.

The Commissioner of Patents of the United States is authorized and requested to issue Letters Patent of the United States to
Assignee. The Assignors also authorize and request the equivalent authorities in foreign countries to issue the patents of foreign
countries to Assignee.

Inventor's Name

Shunji Hakomori

Signature

Shunji Hakomori

Date

July 17, 2000

Inventor's Name

Toru Asai

Signature

Toru Asai

Date

July 17, 2000

Inventor's Name

Noriaki Mizuno

Signature

Noriaki Mizuno

Date

July 17, 2000

Inventor's Name

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