

11-20-03

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et No. 4597

FORM PTO-1595  
1-31-92

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

16834 U.S. PTO  
10/719379

112003

1. Name of conveying party(ies):

- 1) HIROSHI URAGAMI 5) HIDEKI TOKUYAMA  
2) OSAMU NAKAGAWA 6) KOICHI MEGURO  
3) KINYA FUJINO 7) TORU NISHINO  
4) SHINJI TAKASE 8) NOBORU HAYASAKA

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

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

Execution Date: 1)-5) November 5, 2003  
6)-8) November 12, 2003

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

1. Name: TOWA CORPORATION

Address: 5, Kamitoba Kamichoshi-cho  
Minami-ku, Kyoto-shi  
Kyoto, Japan

and

2. Name: FUJITSU LIMITED

Address: 1-1, Kamikodanaka 4-chome  
Nakahara-ku, Kawasaki-shi  
Kanagawa 211-8588 Japan

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

4. Application number(s) or patent number(s):

10719379

1)-5) Nov. 5, 2003

If this document is being filed together with a new application, the execution date of the application is: 6)-8) Nov. 12, 2003

A. Patent Application No.(s)

B. Patent No.(s)

(to be assigned - Docket No.: 4597)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Walter F. Fasse

FASSE PATENT ATTORNEYS, PA  
P. O. BOX 726  
HAMPDEN, MAINE 04444-0726

TEL. NO.: (207) 862-4671  
FAX. NO.: (207) 862-4681

6. Total number of applications and patents involved:

1

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

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☒ Amount to be charged to deposit account

8. Deposit account number:

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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.

Walter F. Fasse

Name of Person Signing

Signature

November 20, 2003

Date

Docket No.: 4397/WFF:ar

Total number of pages including  
including cover sheet: 4

Enclosures: postcard,  
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UNITED STATES PATENT RIGHTS, OR  
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ATTORNEY DOCKET NO.

4597

ASSIGNMENT

Application No. \_\_\_\_\_

Filed \_\_\_\_\_

Insert Name(s)  
of Inventor(s)

WHEREAS, Hiroshi URAGAMI, Osamu NAKAGAWA, Kinya FUJINO,  
Shinji TAKASE, Hideki TOKUYAMA, Koichi MEGURO, Toru NISHINO, and  
Noboru HAYASAKA

Insert Title  
of Invention

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in \_\_\_\_\_  
Method of Resin Encapsulation, Apparatus for Resin Encapsulation,  
Method of Manufacturing Semiconductor Device, Semiconductor Device  
and Resin Material

for which an application for Letters Patent of the United States of America has been executed by the undersigned  
(except in the case of a provisional application).

Insert Date  
of Signing of  
Application

on November 5, 2003 and November 12, 2003; and

Insert Name  
of Assignee

WHEREAS, (1) TOWA CORPORATION and  
(2) FUJITSU LIMITED

Insert Address  
of Assignee

of (1) 5, Kamitoba Kamichoshi-cho, Minami-ku, Kyoto-shi, Kyoto, Japan  
(2) 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi,  
Kanagawa 211-8588 Japan

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of  
acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that  
may be granted therefor in the United States of America and

CHECK BOX  
IF APPROPRIATE

☒ in any and all foreign countries.

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand  
paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned  
has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said  
Assignee the full and exclusive right to the said invention in the United States of America, its territories,  
dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s)  
which may be granted therefor in the United States of America, its territories, dependencies and possessions,  
and if the box above is designated, in any and all foreign countries;

and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or  
terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) the request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional, conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Fasse Patent Attorneys, P.A. the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date <u>November 5, 2003</u>	Name of Inventor <u>Hiroshi Uragami</u> Hiroshi URAGAMI
Date <u>November 5, 2003</u>	Name of Inventor <u>Osamu Nakagawa</u> Osamu NAKAGAWA
Date <u>November 5, 2003</u>	Name of Inventor <u>Kinya Fujino</u> Kinya FUJINO
Date <u>November 5, 2003</u>	Name of Inventor <u>Shinji Takase</u> Shinji TAKASE
Date <u>November 5, 2003</u>	Name of Inventor <u>Hideki Tokuyama</u> Hideki TOKUYAMA
Date _____	Name of Inventor <u>&lt;see next page for signature&gt;</u> Koichi MEGURO
Date _____	Name of Inventor <u>&lt;see next page for signature&gt;</u> Toru NISHINO
Date _____	Name of Inventor <u>&lt;see next page for signature&gt;</u> Noboru HAYASAKA
Date _____	Name of Inventor _____

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

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In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date _____	Name of Inventor <u>Hiroshi URAGAMI</u>
Date _____	Name of Inventor <u>Osamu NAKAGAWA</u>
Date _____	Name of Inventor <u>Kinya FUJINO</u>
Date _____	Name of Inventor <u>Shinji TAKASE</u>
Date _____	Name of Inventor <u>Hideki TOKUYAMA</u>
Date <u>November 12, 2003</u>	Name of Inventor <u>Koichi Meguro</u> Koichi MEGURO
Date <u>November 12, 2003</u>	Name of Inventor <u>Toru Nishino</u> Toru NISHINO
Date <u>November 12, 2003</u>	Name of Inventor <u>Noboru Hayasaka</u> Noboru HAYASAKA
Date _____	Name of Inventor _____