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Shoriki NARITA; Masahiko IKEYA; Yasutaka TSUBOI;
Takaharu MAE; and Shinji KANAYAMA

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

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
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Execution Date: March 5, 2003

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

Name: Matsushita Electric Industrial Co., Ltd.

Street Address: 1006, Oaza Kadoma, Kadoma-shi,
Osaka 571-8501 Japan

Additional name(s) & address(es) attached? No

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

10415587

If this document is being filed together with a new application, the execution date of the application is: March 5, 2003

A. Patent Application No.(s)

B. Patent No.(s)
, issued

Additional numbers attached? No

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

Name: WENDEROTH, LIND & PONACK, L.L.P.
Attn: Michael S. Huppert, Esq.

Street Address: 2033 K Street, N.W., Suite 800

City: Washington, State: DC ZIP: 20006-1021

6. Total number of applications and patents involved: 1

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

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ATTACHMENT "E"

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

Date 5.3.2003, Name of Inventor Shoriki Narita
Shoriki NARITA
Date 5.3.2003, Name of Inventor Masahiko Ikeya
Masahiko IKEYA
Date 5.3.2003, Name of Inventor Yasutaka Tsuboi
Yasutaka TSUBOI
Date 5.3.2003, Name of Inventor Takaharu Mae
Takaharu MAE
Date 5.3.2003, Name of Inventor Shinji Kanayama
Shinji KANAYAMA
Date _____, Name of Inventor _____
Date _____, Name of Inventor _____

(This assignment should preferably be acknowledged before a United States Consul. If not, then the execution by the Inventor(s) should be witnessed by at least two witnesses who sign here.)

Witness Setsumi Horimoto
Witness Hiroshi Okamura

ACKNOWLEDGEMENT

_____) ss

This _____ day of _____, _____, before me
personally came the above-named _____

to me personally known as the individual(s) who executed the foregoing assignment, who did acknowledge to me that he (they) executed the same of his (their) own free will for the purposes therein set forth.

SEAL

Official Signature

Official Title

The above application may be more particularly identified as follows:

U.S. Application Serial No. _____ Filing Date April 30, 2003
Applicant Reference Number 537465 Atty Docket No. 2003-0559A
Title of Invention BUMP FORMATION METHOD AND BUMP FORMING APPARATUS
TO SEMICONDUCTOR WAFER