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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): 1.21.04**ROIZIN, Yakov; ALONI, Efraim; GUTMAN, Micha;
VOFSY, Menachem; and BEN-GIGI, Avi**

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

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

Name: Tower Semiconductor Ltd.**Street Address: Ramat Gabriel Industrial Area****City/State/Zip: Migdal Haemek, Israel 23105**

Additional name(s) & address(es) attached?

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Security Agreement☐ Other☐ Merger☐ Change of NameExecution Date: 12/10/2003; 12/7/2003; 12/7/2003;
12/11/2003 and 12/7/2003

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): 10/659,031

B. Patent No.(s):

Additional numbers attached? ☐ Yes ☒ No

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

Name:**E. Eric Hoffman, Esq.
Bever, Hoffman & Harms, LLP
1432 Concannon Blvd., Building G
Livermore, CA 94550-6006**

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 account8. Deposit account number: 50-0574
(Attorney Docket No.: TSL-125)**DO NOT USE THIS SPACE**

9. Signature.

E. Eric Hoffman

Name of Person Signing

Signature

Jan. 15, 2004

Date

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**PATENT
REEL: 014931 FRAME: 0593**

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we

Yakov Roizin of 37/2 Hazav, Afula, Israel 18782
Efraim Aloni of P.O. Box 619, Migdal Haemek, Israel 23105
Micha Gutman of P.O. Box 619, Migdal Haemek, Israel 23105
Menachem Vofsy of P.O. Box 619, Migdal Haemek, Israel 23105
Avi Ben-Gigi of P.O. Box 619, Migdal Haemek, Israel 23105

hereby sell, assign and transfer to **Tower Semiconductor Ltd., an Israeli corporation**, having a place of business at **Ramat Gabriel Industrial Area, Migdal Haemek, Israel, 23105**, and its successors and assigns, the entire right, title and interest throughout the world in our invention in

**PROTECTION AGAINST IN-PROCESS CHARGING IN
SILICON-OXIDE-NITRIDE-OXIDE-SILICON (SONOS) MEMORIES**

for which we have filed a United States patent application on September 9, 2003, Serial Number 10/659,031, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request the Commissioner of Patents and Trademarks to issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this 10 day of December, 2003.

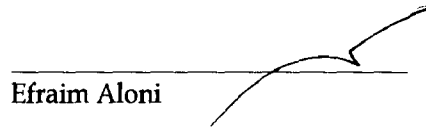


Yakov Roizin

SIGNED IN THE PRESENCE OF TWO WITNESSES

(1) Tamar Cohen (2) Chaya Arazi

Executed this 7 day of December, 2003.



Efraim Aloni

SIGNED IN THE PRESENCE OF TWO WITNESSES

(1) Tamar Cohen (2) Chaya Arazi

Executed this 7 day of December, 2003.



Micha Gutman

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(1) Tamar Cohen (2) Chaya Arazi

Executed this 11 day of December, 2003. M. Vofsy

Menachem Vofsy

SIGNED IN THE PRESENCE OF TWO WITNESSES

(1) Tamar Cohen (2) Chaya Arozi

Executed this 7 day of December, 2003. Avi Ben-Gigi

Avi Ben-Gigi

SIGNED IN THE PRESENCE OF TWO WITNESSES

(1) Tamar Cohen (2) Chaya Arozi