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12-22-2000



J.S. DEPARTMENT OF COMMERCE

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Patent and Trademark Office
Docket No. 48947-1

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

1. Name of conveying party(ies):
Oren Semiconductor, Ltd.

Individual(s) Association
 General Partnership Limited Partnership
 Corporation-State Other

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

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

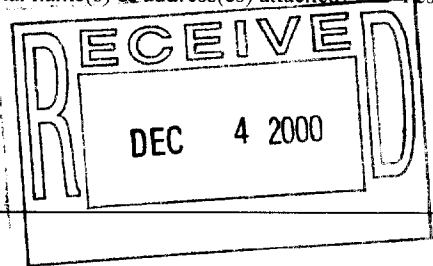
Name: Oren Semiconductor, Inc.
 Street Address: 2700 Augustine Drive, Ste. 140
 City: Santa Clara, State: CA ZIP: 95054

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

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other:

Execution Date: November 30, 2000



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)
09/450,712 (filed November 30, 1999)

B. Patent No.(s)

Additional numbers attached? Yes No

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

Phoenix Cai
 Morrison & Foerster LLP
 425 Market Street
 San Francisco, California 94105-2482

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. § 3.41): \$40.00

Enclosed
 Authorized to be charged to deposit account, referencing Attorney Docket 48947-1

8. Deposit account number: 03-1952

The Commissioner is hereby authorized to charge any fees under 37 C.F.R. § 1.21 that may be required by this paper, or to credit any overpayment to Deposit Account No. 03-1952.

DO NOT USE THIS SPACE

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.

Name: Phoenix Cai
 Registration No: n/a

Phoenix Cai
 Signature

11/30/2000
 Date

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

Mail documents to be recorded with required cover sheet information to:
 U.S. Patent and Trademark Office
 Office of Public Records
 Box Assignments
 Crystal Gateway 4, Room 335
 Washington, D.C. 20231

12/21/2000 NTHAI1 00000354 09450712
 01 FC:581 40.00 OP
 sf-1009632

PATENT
REEL: 011350 FRAME: 0928

Attorney Docket No. 48947-1

ASSIGNMENT

WHEREAS, Oren Semiconductor, Ltd., an Israel corporation (hereinafter "assignor"), is the sole and exclusive owner, by assignment, of the United States Patents and Patent Application reference number 09450712, filed on November 30, 1999, entitled "Digital Ghost Cancellation Using Teletext Data Lines" and the inventions described therein; and

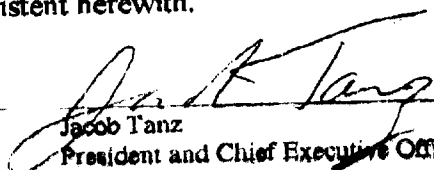
WHEREAS, Oren Semiconductor, Inc., a Delaware corporation (hereinafter "assignee"), is desirous of acquiring the right, title and interest in, to and under said Patents and Patent Applications and the inventions covered thereby:

NOW, THEREFORE, in consideration of and in exchange for the sum of One Dollar (\$1.00) to be paid by assignee and other good and valuable consideration, the receipt of which is hereby acknowledged, assignor has sold, assigned, and transferred, and does hereby sell, assign, and transfer the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all applications for Letters Patent in the United States of America and in all foreign countries and in all Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the said assignees, for their own use and the use of their successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents, may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, the said assignor hereby covenants and agrees to and with the assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, the said assignor is the sole and lawful owner of the entire right, title and interest in and to the said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that the said assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND assignor hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent or Patents of the United States on said inventions or resulting from said applications and any continuations, divisionals and reissues thereof to assignee as assignee of the entire interest, and hereby covenants that it has full right to convey the entire interest herein assigned, and that it has not executed, and will not execute, any agreements inconsistent herewith.

11/30/00
Date: November 30,
2000



Jacob Tanz
President and Chief Executive Officer
Oren Semiconductor, Ltd.