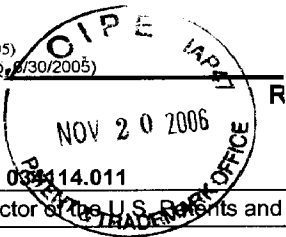


11-24-2006

RE



103340485

11/20/06

Attorney Docket: 03414.011

To the Director of the U.S. Patents and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies):

Boris Yokhin
Alexander Krokmal
Alex Tokar

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

3. Nature of conveyance:

Execution Date(s) July 9, 2006

- Assignment Merger
- Security Agreement Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

2. Name and address of receiving party(ies)

Name: JORDAN VALLEY SEMICONDUCTORS LTD.

Internal Address: _____

Street Address: P.O. Box 103

City: Migdal Ha'emek

State: _____

Country: ISRAEL

Zip: _____

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

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

This document is being filed together with a new application.

A. Patent Application No.(s)
11/532,162 (filed: 9/15/06)

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Glenn J. Perry

Internal Address: SMITH, GAMBRELL & RUSSELL, LLP

Street Address: 1850 M Street, N.W. - Suite 800

City: Washington

State: DC Zip: 20036

Phone Number: (202) 263-4300

Fax Number: (202) 263-4329

Email Address: _____

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

Previously Paid on October 3, 2006, Check No. 075734

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 02-4300

Authorized User Name _____

9. Signature :

Signature

Glenn J. Perry, Reg. No.: 28,458

Name of Person Signing

November 20, 2006

Date

Total number of pages including cover sheet, attachments, and documents

3

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

ASSIGNMENT

WHEREAS, the below named inventors, ASSIGNORS, have made a certain new and useful invention in:

MULTI-DETECTOR EDXRD

for which a patent application specification is attached hereto and which is being executed concurrently herewith,

and WHEREAS, JORDAN VALLEY SEMICONDUCTORS LTD., an Israel company having a place of business at P.O. Box 103, Migdal Ha'emek, Israel, ASSIGNEE, is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said United States application and all the divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof, and all applications for industrial property protection, including, without limitation, all applications for patents, utility models and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from the said United States application under the patent laws of the United States, the International Convention for the Protection of Industrial Property, or any other International agreement or the domestic laws of the country in which any such application is filed, as may be applicable, and all forms of industrial property protection, including, without limitation, patents, utility models, inventor's certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof.


ASSIGNORS authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to the issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNORS covenant and agree that they have full right to convey the entire interest herein assigned, and have not executed, and will not execute, any agreement in conflict herewith.

AND ASSIGNORS further covenant and agree that they will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

UNITED STATES
ASSIGNMENT

Full name of first inventor: Boris Yokhin

Inventor's signature  Date 07.09.06

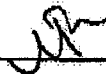
Residence: Nazareth Illit, Israel
Citizenship: Israel
Post Office address: 7/6 Gannot Street, Nazareth Illit, Israel

Full name of second joint inventor: Alexander Krokhnal

Inventor's signature  Date 07.09.06

Residence: Haifa, Israel
Citizenship: Israel
Post Office address: 71 Pinsker Street, Haifa, Israel

Full name of third joint inventor: Alex Tokar

Inventor's signature  Date 07.09.06

Residence: Haifa, Israel
Citizenship: Israel
Post Office address: 52 Hanita Street, Haifa, Israel