

IN THE UNITED

10-24-2003

ARK OFFICE

Docket No.: LOVO-064



102583316

10-9-03

I hereby certify that this transmittal of the below described document is being deposited with the United States Postal Service in an envelope bearing First Class Postage and addressed to the Mail Stop Assignments, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the below date of deposit.

| | | | | | |
|------------------|----------|------------------------------------|--------------|---|---------------------|
| Date of Deposit: | 10/09/03 | Name of Person Making the Deposit: | ANTHONY CHOU | Signature of the Person Making the Deposit: | <i>Anthony Chou</i> |
|------------------|----------|------------------------------------|--------------|---|---------------------|

Mail Stop Assignments
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Please record the attached original document(s) or copy(ies) thereof:

Transmittal of an Assignment

22387 U.S. PTO
10/683719
100903

1. Name of conveying party(ies): Chong Ming Lin, Jay Denning and Ho Yuan Yu

Serial No.:

Filed: 10/09/03

Group Art Unit:

Examiner:

2. Name and Address of Receiving party(ies): LOVOLTECH, INC.
3970 Freedom Circle, Santa Clara, CA 95054
3. Nature of Conveyance: Assignment
Execution Date: 10/07/03, 10/05/03, 10/07/03

10683719

4. New Patent Application entitled: STRUCTURE AND METHOD FOR ENHANCED PERFORMANCE SEMICONDUCTOR SUBSTRATES

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

Name: Mehlin Dean Matthews
Address: Wagner, Murabito & Hao LLP
Two North Market Street, Third Floor, San Jose, CA 95113
Phone: (408) 938-9060

6. Total Number of applications and patents involved: ONE

7. Fee Calculation (for other than a small entity)

Assignment Recordation Fee, per property

1 X \$40.00

Total Fees (37 CFR 3.41)

\$40.00

X The amount of \$ 40.00 is enclosed

8. At any time during the pendency of this application, please charge any additional fees required or credit any overpayments to Deposit Account 23-0085. A duplicate copy of this transmittal is enclosed.

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.

10/17/2003 5DIRE1A1 00000038 10683719

10/17/2003

40.00 DP

Date: October 9, 2003

M. V. Matthews
Name Mehlin Dean Matthews
Reg. No. 46,127

Assignment to Lovoltech Inc.

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we

Chong Ming Lin

do hereby sell, assign, and transfer unto Lovoltech Inc. (hereinafter called Lovoltech), a California Corporation having its principal place of business at 3970 Freedom Circle, Santa Clara, CA 95054, and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled:

STRUCTURE AND METHOD FOR ENHANCED PERFORMANCE IN SEMICONDUCTOR SUBSTRATES

 x filed herewith and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; or

 Serial No.: filed on and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor;

And for the above consideration, I/we agree promptly upon request of Lovoltech, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to, its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by Lovoltech.

I/we further covenant with Lovoltech, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned;

In witness whereof, I/we hereunto set my/our hand(s) and seal:

Inventor's Signature: x *Lin, Chong Ming* Date: x 2003.10.7

Assignment to Lovoltech Inc.

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we

Jay Denning

do hereby sell, assign, and transfer unto Lovoltech Inc. (hereinafter called Lovoltech), a California Corporation having its principal place of business at 3970 Freedom Circle, Santa Clara, CA 95054, and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled:

STRUCTURE AND METHOD FOR ENHANCED PERFORMANCE IN SEMICONDUCTOR SUBSTRATES

☒ filed herewith and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; or

Serial No.: _____ filed on _____ and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor;

And for the above consideration, I/we agree promptly upon request of Lovoltech, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to, its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by Lovoltech.

I/we further covenant with Lovoltech, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned;

In witness whereof, I/we hereunto set my/our hand(s) and seal:

Inventor's Signature: *Jay Denning* Date: 10-5-03

Assignment to Lovoltech Inc.

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we

Ho Yuan Yu

do hereby sell, assign, and transfer unto Lovoltech Inc. (hereinafter called Lovoltech), a California Corporation having its principal place of business at 3970 Freedom Circle, Santa Clara, CA 95054, and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled:

STRUCTURE AND METHOD FOR ENHANCED PERFORMANCE IN SEMICONDUCTOR SUBSTRATES

☒ filed herewith and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; or

Serial No.: filed on and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor;

And for the above consideration, I/we agree promptly upon request of Lovoltech, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to, its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by Lovoltech.

I/we further covenant with Lovoltech, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned;

In witness whereof, I/we hereunto set my/our hand(s) and seal:

Inventor's Signature: ☒ Ho Yuan Yu Date: ☒ 10-7-03