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HEET

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark OfficeJC698 U.S. PTO
10/377510
02/28/03

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

1. Name of conveying party(ies): 2.28.03

Edward Frank Dvorsky

Fred J. Wagener

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: February 27, 2003

2. Name and address of receiving party(ies)

Name: Union Semiconductor Technology Corporation

Internal Address: _____

Street Address: _____

15301 Highway 55 WestCity: Plymouth State: MN Zip: 55447Additional name(s) & address(es) attached? ☐ Yes ☒ No

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: 02/27/2003

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Barbara E. Arndt, Ph.D.Internal Address: Jones DayNorth PointStreet Address: 901 Lakeside AvenueCity: Cleveland State: OH Zip: 441146. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41).....\$ 40.00☐ Enclosed "Express Mail" Mailing Label No. EV243791386US☒ Authorized to be charged to deposit account
Date of Deposit February 28, 2003

8. Deposit account number:

501432 account 785409669006
for Patents, Washington, D.C.(Attach duplicate copy of this page if paying by deposit account)
By Kathie J. Kopczyk

03/13/2003 DBYRNE 00000024 501432 10377510

DO NOT USE THIS SPACE

01 FC:8029. 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.

Kathie J. Kopczyk

Name of Person Signing

Kathie J. Kopczyk
SignatureFebruary 28, 2003

Date

Total number of pages including cover sheet, attachments, and documents: 4

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231PATENT
REEL: 013826 FRAME: 0675

ASSIGNMENT

WHEREAS, one or more inventions have been made by the undersigned in

LOW TEMPERATURE DEPOSITION OF DIELECTRIC MATERIALS IN MAGNETORESISTIVE RANDOM ACCESS MEMORY DEVICES

and are the subject of a patent application filed in the United States Patent and Trademark Office herewith, which application is identified as Jones Day Docket No. 783403605006.

WHEREAS, Union Semiconductor Technology Corporation, a corporation of Delaware, located at 15301 Highway 55 West, Plymouth, Minnesota 55447, hereinafter referred to as "assignee", is desirous of acquiring all right, title, and interest throughout the world in, to, and under said inventions and patent rights therefor.

NOW, THEREFORE, be it known that, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, all right, title, and interest, in the United States and throughout the world, in, to and under said inventions and all patents, patent applications, patent rights, and inventor's certificates thereof, therefor, and therein, including without limitation said application for patent in the United States, all divisions and continuations thereof, all patents which may be granted thereon, all reissues and extensions thereof, all right to sue for past infringement thereunder, all patents which may be granted for said inventions by states or nations other than the United States, or by other authority, entity, or organization, and all applications therefor, have been and are hereby sold, assigned, transferred, and delivered unto assignee, its successors and assigns; and it is covenanted and agreed by the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at assignee's request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary, or desirable to secure for or vest in assignee, its successors or assigns, inventions, right, title, interest, application, patent, patent right or other right or property covered by this assignment, and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in, to, and under the same, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignee as owner of the entire right, title and interest in, to, and under the same.

The undersigned hereby grants the firm of Jones Day the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

"Express Mail" Mailing Label No. EV243791386US

Date of Deposit February 28, 2003

I hereby certify that this paper or fees is being deposited with the United States Patent and Trademark Office for the purpose of securing a patent thereon and is addressed to: Commissioner for Patents, Washington, D.C.

Page 1 of 3

By Kathie J. Kopyczuk

PATENT
REEL: 013826 FRAME: 0676

IN WITNESS WHEREOF, this Assignment has been executed below by the undersigned:

Edward Frank Dvorsky
Edward Frank Dvorsky

Feb. 27, 2003
Date

Post Office Address: W4355 Hemlock Road
Mondovi, Wisconsin 54755

STATE OF WISCONSIN }
COUNTY OF Chippewa } ss.
}

The above name Edward Frank Dvorsky, known to me, appeared before me this 27th day of February, 2003, and acknowledged that the foregoing instrument was executed as his free act and deed for the uses and purposes therein set forth.

Patricia J. Hawley
Notary Public

(Notarial Seal)

IN WITNESS WHEREOF, this Assignment has been executed below by the undersigned:

Fred J. Wagener
Fred J. Wagener

Feb. 27, 2003
Date

Post Office Address: 3820 Lawrence Street
Eau Claire, Wisconsin 54703

STATE OF WISCONSIN }
COUNTY OF Chippewa } ss.
}

The above name Fred J. Wagener, known to me, appeared before me this 27th
day of February, 2003, and acknowledged that the foregoing instrument was
executed as his free act and deed for the uses and purposes therein set forth.

Patricia J. Naunz
Notary Public

(Notarial Seal)