

12-13-2001



FORM PTO-1596

1-31-92

DOCKET NO.: 4425-225

101922566

U.S. DEPARTMENT OF
Patent and Trademark

Case U.S. PTO
10/003317
12/06/01

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

1. Name of conveying party(ies):

Jung-Yu HSIEH and Chin-Hsiang LIN

12-6-01

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

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

Name: MACRONIX INTERNATIONAL CO., LTD.

Internal Address:

Street Address: No. 16, Li-Hsin Road, Science-based Industrial Park

City: Hsin-Chu City

State or Area: Taiwan

Zip/Postal Code:

Country: R.O.C.

3. Nature of conveyance:

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

Execution Date: August 23, 2001

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

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

If the document is being filed together with a new application, the execution date of the application is: November 29, 2001

A. Patent Application No(s).

10/003317

B. Patent No(s).

Additional numbers attached?

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

Name:

LOWE HAUPTMAN GILMAN & BERNER

Internal Address:

Street Address: 1700 Diagonal Road, Suite 310

City: Alexandria State: VA ZIP: 22314

6. Total number of applications and patents involved: one

7. Total fee (37 CFR 3.41)

\$40.00

☒ Credit Card payment form enclosed☐ Authorized to be charged to deposit account

8. Deposit account number: 07-1337

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*Benjamin J. Hauptman
Reg. No. 29510

Signature

December 6, 2001

Date

Total number of pages comprising cover sheet: 2

CMB No. 0851-0711 (exp. 4/94)

12/10/2001 EHAILE1 00000039 10003317

02 FC:581

40.00 OP

PATENT
REEL: 012355 FRAME: 0759

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

(1) Jung-Yu HSIEH
 (2) Chin-Hsiang LIN
 (3) _____

(4) _____
 (5) _____
 (6) _____

who has made a certain new and useful invention, hereby sells, assigns and transfers unto

MACRONIX INTERNATIONAL CO., LTD.

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

METHOD FOR FORMING NITRIDE SPACER BY USING ATOMIC LAYER DEPOSITION

[a] for which an application for United States Letters Patent was filed on, and identified by United States Serial No.; or

[b] for which an application for United States Letters Patent was executed on,

and the undersigned hereby authorizes and requests the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agrees that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agrees to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

SIGNED on the date indicated aside our signatures:

INVENTORS

DATE SIGNED

(1) Jung-Yu Hsieh

8 / 23 / 2001

Name: Jung-Yu HSIEH

(2) Chin-Hsiang Lin

8 / 23 / 2001

Name: Chin-Hsiang LIN

(3) _____

Name: _____

(4) _____

Name: _____

(5) _____

Name: _____