

06-05-2001



OMB No. 065-0011 (exp. 4/94)

101740145

To The Honorable Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies) thereof.

1. Name of conveying party(ies):

Hillman, Joseph T.
Wajda, Cory S.
Caliendo, Steven P.

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

2. Nature of conveyance:

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

Execution Date: 11/27/00; 11/28/00; 11/29/00

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

Name: Tokyo Electron Limited
Internal Address: _____
Street Address: TBS Broadcast Center
3-6 Akasaka 5-chome
Minato-ku
City: Tokyo 107 State: _____
Zip Code: _____
Country: JAPAN

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No
30

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). _____ B. Patent No(s). _____

Additional numbers attached? ☐ Yes ☒ No

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

Name: Kristi L. Davidson, Esq.
Internal Address: Wood, Herron & Evans, L.L.P.
2700 Carew Tower
Street Address: 441 Vine Street
City: Cincinnati State: Ohio
Zip: 45202

6. Total number of applications and patents
involved: 1

7. Total fee (37 CFR 33.41): \$40.00
☒ Enclosed
☒ Authorized to be charged to deposit account
if deficiencies occur

8. Deposit Account number: 23-3000
(Attach duplicate copy of this page if paying by deposit account)

06/04/2001 6TOM11 00000101 09723878

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40.00 00

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.

Kristi L. Davidson, Reg. No. 44,643
Name of Person Signing

Kristi L. Davidson
Signature

May 25, 2001
Date

Total number of pages including cover sheet, attachments, and document(s): 6

K:\ATAZ\195\recording cover sheet.wpd

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents and Trademarks, Box Assignments
Washington, D.C. 20231

PATENT

REEL: 011850 FRAME: 0324

ASSIGNMENT OF INVENTION

WHEREAS, I, as a below named inventor, residing at the address stated next to my name, am a sole or joint inventor as indicated below, of certain new and useful improvements in **METHOD FOR IMPROVING THE ADHESION OF SPUTTERED COPPER FILMS TO CVD TRANSITION METAL BASED UNDERLAYERS**, filed on November 28, 2000 as Serial No. 09/723,878,

AND WHEREAS, **TOKYO ELECTRON LIMITED**, a Japanese corporation with offices at TBS Broadcast Center, 3-6 Akasaka 5-Chome, Minato-Ku, Tokyo 107 Japan, (hereinafter referenced as ASSIGNEE) is desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue the said United States Letters Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto.

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto.

And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid invention, as the ASSIGNEE thereof shall hereafter require and prepare at its own expense.

And I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto.

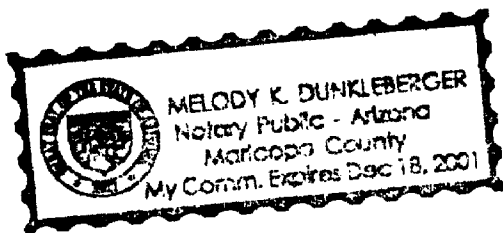
And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with the assignment and sale.

This assignment executed on the dates indicated below.

Full Name of sole or first inventor Joseph T. Hillman
Inventor's Signature *Joseph T. Hillman* Date 11/27/00
Post Office Address 8520 E. Clydesdale Trail
Scottsdale, Arizona 85258

STATE OF Arizona)
) ss.
COUNTY OF Maricopa)

On this 27th day of November, 2000, before me, the undersigned notary public, personally appeared the above named assignor, known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged execution of this instrument.



Melody K. Dunkleberger
Notary Public

Full Name of second or joint inventor Cory S. Wajda

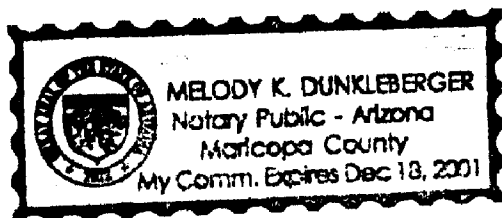
Inventor's Signature Cory S. Wajda Date 11/28/00

Post Office Address 2148 W. El Moro Avenue

Mesa, Arizona 85202

STATE OF Arizona)
) ss.
COUNTY OF Maricopa)

On this 28th day of November, 2000, before me, the undersigned notary public, personally appeared the above named assignor, known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged execution of this instrument.



Melody K. Dunkleberger
Notary Public