

04-02-2001



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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RECORDATION COVER SHEET

Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

Sir:

Please record the attached original document or copy thereof.

1. Name of conveying parties: Emad B. Hreish
Charles A. Miller

2. Name and address of receiving party:

FORMFACTOR, INC.
5666 La Ribera Street
Livermore, California 94550

3. The conveyance is an ASSIGNMENT and was executed on January 26, 2001 by Emad B. Hreish and on January 29, 2001 by Charles A. Miller.

4. Properties affected: U.S. Patent Application No. 09/761,352 filed January 16, 2001 for HIGH FREQUENCY PRINTED CIRCUIT BOARD VIA

5. Correspondence regarding the document should be mailed to the address at the bottom of this cover sheet.

6. Total number of properties affected: 1

7. A check including the amount of \$40.00 for the fee under 37 CFR 3.41 is enclosed.

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.

Respectfully submitted,

Penelope Stockwell
Penelope Stockwell, Admin. Asst.

March 12, 2001
Date

SMITH-HILL AND BEDELL, P.C.
12670 N.W. Barnes Road, Suite 104
Portland, Oregon 97229
Tel. (503) 574-3100
Fax (503) 574-3197

FORM 2171 (P135-US)

04/02/2001 GTOM11 00000218 09761352

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PATENT
REEL: 011628 FRAME: 0870

A S S I G N M E N T

(Application Already Filed)

WHEREAS, We, Emad B. Hreish, a resident of Livermore, California and Charles A. Miller, a resident of Fremont, California, are inventors of an improvement in or relating to HIGH FREQUENCY PRINTED CIRCUIT BOARD VIA for which we have made application for Letters Patent of the United States of America on January 16, 2001; and

WHEREAS, FORMFACTOR, INC., a corporation organized under the laws of the State of Delaware, having a place of business at 5666 La Ribera Street, Livermore, California 94550, is desirous of acquiring an interest therein.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, Emad B. Hreish and Charles A. Miller, assign and transfer to FORMFACTOR, INC, our entire legal and equitable right, title, and interest for the territory of the United States of America, and for all foreign countries, in and to the invention described and claimed in the aforesaid application for Letters Patent of the United States; said invention, application, and Letters Patent in this or any foreign country, and all divisions, continuations, reissues, and extensions thereof, to be held and enjoyed by the said FORMFACTOR, INC. for its own use and behalf, and for its successors and assigns, to the full end of the term for which Letters Patent may be granted in this or any foreign country, as fully and entirely as the same would have been held by us had this assignment and sale not been made, and we warrant that we have full right to do so, and agree that we shall communicate to the said FORMFACTOR, INC., or its successors and assigns any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all

divisional, continuing and reissue applications, make all rightful declarations, and generally do everything possible to aid FORMFACTOR, INC., its successors and assigns, to obtain and enforce proper patent protection for said invention in this or any foreign country.

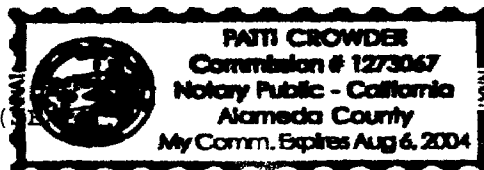
EXECUTED at Livermore, California, this 26th day of January, 2001, by
Emad B. Hreish
Emad B. Hreish

STATE OF CALIFORNIA)
) ss.
County of Alameda)

On Jan. 26, 2001 before me,
Patti Crowder, Notary Public, personally appeared Emad B. Hreish, personally 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 to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Patti Crowder
Notary Signature



EXECUTED at Livermore, California, this 29th day of January, 2001, by
Charles A. Miller
Charles A. Miller

STATE OF CALIFORNIA)
) ss.
County of Alameda)

On Jan. 29, 2001 before me,
Patti Crowder, Notary Public, personally appeared Charles A. Miller, personally 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 to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Patti Crowder
Notary Signature

(SEAL)

