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28 FEB 2001

Commissioner of Patents and Trademarks
Washington, DC 20231

03-29-2001

Please record the attached original document.



101652363

1. Name of conveying party(ies):
Katsunori Kokubun
Kunihiko Azeyanagi
Toshiyuki Tsukahara

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

Name: Nippon Mektron, Ltd.
Street Address: 12-15, 1 Chome, Shiba Daimon
City, State, ZIP: Minato-Ku, Tokyo, 105-8585
Country: Japan

3. Nature of Conveyance: Assignment
Execution Date: February 21, 2001

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4. This document is being filed with a new application, the execution date of which is February 21, 2001.

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

Guy D. Yale, Esq.
Alix, Yale & Ristas, LLP
750 Main Street
Hartford, CT 06103-2721

3. Total number of applications involved: 1

7. Total fee enclosed: \$40.00. If this amount is incorrect, please charge or credit the difference to Deposit Account No. 16-2563.

8. Total number of pages including cover sheet, attachments and document: 3.

To the best of my knowledge and belief, the foregoing information is true and correct.

(03/05/2001 MNGUYEN 00000174 09786017)
02 FC:581 40.00 DP

Guy D. Yale, Reg. No. 29,125

Date: February 28, 2001
Attorney's Docket No. KAM/132/PC/US

EL721435611US

PATENT

REEL: 011618 FRAME: 0505

ASSIGNMENT

WHEREAS, we, Katsunori Kokubun, Kunihiko Azeyanagi and Toshiyuki Tsukahara, respectively residing at 1-13-2, Fukashibaminami, Kamisu-Machi, Kashima-Gun, Ibaraki-Ken, 314-0142 Japan; 1879-228, Nagasu, Kashima-Shi, Ibaraki-Ken, 314-0022 Japan; 2731-214, Okami-Cho, Ushiku-Shi, Ibaraki-Ken, 300-1204 Japan, have invented new and useful improvements in

Method for Forming Fine Through Hole Conduction Portion of Circuit Board

for which we are making application for Letters Patent of the United States, which is the U.S. national phase of PCT International Application No. PCT/JP00/04198;

WHEREAS, Nippon Mektron, Ltd., a Japanese corporation, having a place of business at 12-15, 1-Chome, Shiba Daimon, Minato-Ku, Tokyo, 105-8585 Japan, is desirous of acquiring the entire right, title and interest in and to said improvements and any Letters Patent which may be granted thereon;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consideration of the sum of One Dollar (\$1.00) to us in hand paid and other good and valuable consideration, receipt of which is hereby acknowledged, we, the said Katsunori Kokubun, Kunihiko Azeyanagi and Toshiyuki Tsukahara, sell, assign and transfer to Nippon Mektron, Ltd., its successors and assigns (hereinafter called "Assignee"), the entire right, title and interest in and to said improvements and in and to any Letters Patent which may be obtained thereon in the United States, together with said application and all divisional, continuing, substitute, renewal, reissue, and other applications for Letters Patent which have been or may be filed on said improvements in the United States, the same to be held and enjoyed by the Assignee for its and their sole use and behoof.

We hereby authorize and request the Commissioner of Patents and Trademarks to issue all Letters Patent of the United States on said improvements to the Assignee.

We further covenant and agree that when requested by the Assignee, and without further consideration, but at the cost and expense of the Assignee, we will execute and deliver all applications for patent on said improvements, execute all lawful oaths and other papers, supply to the Assignee all facts and evidence known to us relating to said improvements and the history and development thereof, testify in all interferences, suits, and other legal proceedings, and generally do everything rightful which the Assignee shall consider desirable for aiding in securing, maintaining, and

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enforcing proper patent protection for said improvements and for vesting the title to said improvements in the Assignee.

We further covenant that we have the lawful right to assign the interest in said improvements in the manner and form as herein expressed, that the interests herein conveyed are free from prior assignment, grant, mortgage, license, or other encumbrance whatsoever and that the execution of this Assignment is our own free act and deed.

Date Feb. 21, 2001

Katsunori Kokubun
Katsunori Kokubun

S. Shinohara
Witness

Toshihiro Miyachi
Witness

Date Feb. 21, 2001

Kunihiko Azeyanagi
Kunihiko Azeyanagi

S. Shinohara
Witness

Toshihiro Miyachi
Witness

Date Feb. 21, 2001

Tsukahara
Toshiyuki Tsukahara

S. Shinohara
Witness

Toshihiro Miyachi
Witness