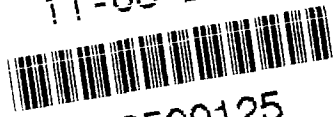


10-31-03

11-03-2003

Form PTO-1595
(Rev. 10/02)
OMB No. 0651-0027 (exp. 6/30/2005)
Tab settings $\Rightarrow \Rightarrow \Rightarrow$



U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

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

1. Name of conveying party(ies):
Eugene Ivanov

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

2. Name and address of receiving party(ies)
Name: Tosoh SMD, Inc.

Internal Address: _____

Street Address: 3600 Gantz Road

City: Grove City State: OH Zip: 43123

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:
☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: 05/22/2003

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) 10/433,181
B. Patent No.(s) _____

Additional numbers attached? ☐ Yes ☒ No

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

Internal Address: Wegman Hessler & Vanderburg

Street Address: 6055 Rockside Woods Blvd.
Suite 200

City: Cleveland State: OH Zip: 44131

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00
☒ Enclosed
☐ Authorized to be charged to deposit account

8. Deposit account number:
50-2431

DO NOT USE THIS SPACE

9. Signature.

Bruce E. Peacock
Name of Person Signing

Signature

Date 10/27/03

Total number of pages including cover sheet, attachments, and documents: 2

OFFICE OF PATENT RECORDS
2003 OCT 31 PM 3:05
FINANCE SECTION

11/03/2003 ECOOPER 00000015 10433181

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

01 FC:8021 40.00 DP

PATENT
REEL: 014641 FRAME: 0558

ASSIGNMENT

WHEREAS, I, Eugene Y. Ivanov, of 3198 Windsor Place, Grove City, Ohio 43123 have invented certain new and useful LOW TEMPERATURE SPUTTER TARGET/BACKING PLATE JOINING TECHNIQUE AND ASSEMBLIES MADE THEREBY (Docket 020324 209 P2) for which a provisional application was filed on December 18, 2000 having Serial No. 60/255,873 and an International Application was filed on December 17, 2001 having Serial No. PCT/US01/49126 and for which I executed an application for letters patent of the United States, on even date herewith;

AND WHEREAS, Tosoh SMD, Inc., a corporation of the State of Delaware, with a place of business at 3600 Gantz Road, Grove City, Ohio 43123, hereinafter called the Assignee, is desirous of acquiring the entire right, title and interest in and to said application and the inventions therein disclosed and any letters patent that may issue thereon;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other valuable consideration, receipt whereof is hereby acknowledged, I hereby sell, assign and transfer unto said Assignee, its successors and assigns, the entire right, title and interest in and to said application and any divisions or continuations thereof, and the inventions therein disclosed, and any improvements thereon, and any patent or patents that may be issued or reissued thereon, and I hereby authorize and request the Commissioner of Patents and Trademarks to issue any letters patent thereon, and reissues thereof, to said Assignee, its successors and assigns; and I hereby authorize said Assignee, its successors and assigns, to file in its own name applications for patent in foreign countries in connection with the inventions hereby transferred, under the International Convention, the European Patent Convention and the Patent Cooperation Treaty, claiming the priority of said United States application or otherwise, and to secure in its own name the patent or patents issued thereon; and I hereby agree that, upon request, I will sign all papers, and make all rightful oaths, and do all acts which said Assignee, its successors or assigns, may consider necessary in connection with said United States application, and in connection with any other United States or foreign applications that may be filed in connection with said inventions, and with any improvements thereon, and in connection with any patents issued or reissued thereon.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 22nd day of May, 2003



Eugene Y. Ivanov