

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
David B. Smathers	07/27/2007
RECEIVING PARTY DATA	
Name:	Tosoh SMD, Inc.
Street Address:	3600 Gantz Road
City:	Grove City
State/Country:	OHIO
Postal Code:	43123
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11883459
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	020324 259P2
NAME OF SUBMITTER:	Bruce E. Peacock
Total Attachments: 1 source=Executed Assignment#page1.tif	

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PATENT
REEL: 021649 FRAME: 0125

Serial No. 11/883,459

Filed: July 31, 2007

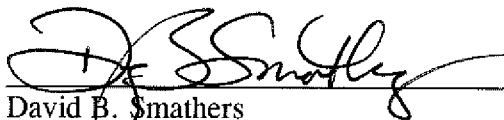
ASSIGNMENT

WHEREAS, I, David B. Smathers of 3298 Kirkham Road, Columbus, Ohio 43221 invented certain new and useful SPUTTER TARGETS WITH EXPANSION GROOVES FOR REDUCED SEPARATION (Docket 020324 259P2) for which a U.S. Provisional Application was filed on February 2, 2005 having Serial No. 60/649,384; and for which an International Application was filed on February 2, 2006 having Serial No. PCT/US06/03635; and for which I executed an application for letters patent of the United States, on even date herewith;

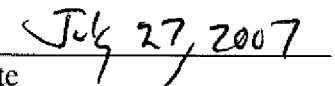
AND WHEREAS, Tosoh SMD, Inc., a corporation of the State of Delaware, with a place of business at 3600 Gantz Road, Grove City, Ohio 43123, hereinafter called the Assignee, is desirous of acquiring the entire right, title, and interest in and to said applications and the inventions therein disclosed and 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, my entire right, title and interest in and to said applications 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/or 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 applications, 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.



David B. Smathers



Date