

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT4441610

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| DAVID B. SMATHERS | 02/06/2014 |
| JOSEPH W. BUCKFELLER | 02/06/2014 |
| JOHN HOLEMAN | 02/06/2014 |
| JUSTIN K. REED | 02/06/2014 |
| 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: | 15029674 |
| CORRESPONDENCE DATA | |
| Fax Number: | (216)642-8826 |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i> | |
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| Email: | whvipgroup@wegmanlaw.com |
| Correspondent Name: | WEGMAN, HESSLER & VANDERBURG |
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| Address Line 4: | CLEVELAND, OHIO 44131 |
| ATTORNEY DOCKET NUMBER: | 020324 324P2 |
| NAME OF SUBMITTER: | BRUCE E. PEACOCK |
| SIGNATURE: | /bep/ |
| DATE SIGNED: | 06/02/2017 |
| Total Attachments: 1 | |
| source=020324_324P2_ASSN_#page1.tif | |

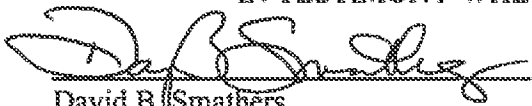
ASSIGNMENT

WHEREAS, we, David B. Smathers, of Columbus, Ohio; Joseph W. Buckfeller, of Grove City, Ohio; John Holeman, of Grove City, Ohio; and Justin Reed, of Grove City, Ohio; invented a certain new and useful OPTIMIZED TEXTURED SURFACES AND METHODS OF OPTIMIZING (Docket 020324 324P2 USP1) for which a provisional application for letters patent of the United States, was filed on October 22, 2013 having Serial No. 61/894,019;

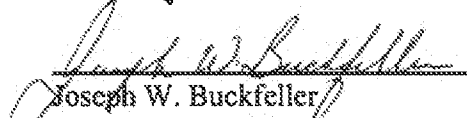
AND WHEREAS, Tosoh SMD, Inc., a corporation of the State of Delaware, with a place of business at 3600 Gantz Road, Grove City, Ohio 43123, hereinafter called the Assignee, is desirous of acquiring the entire right, title and interest in and to said application and the inventions therein disclosed and 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, we hereby sell, assign and transfer unto said Assignee, its successors and assigns, our entire right, title and interest in and to said application and any U.S. utility applications claiming priority benefit of said provisional application under 35 USC §119 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 we 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 we hereby authorize said Assignee, its successors and assigns, to file in its own name applications for patent in the United States and 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 we hereby agree that, upon request, we 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.

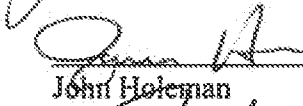
IN TESTIMONY WHEREOF, we hereunto set our hand and seal.


David B. Smathers

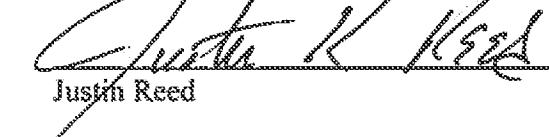
6 Feb 2014
Date


Joseph W. Buckfeller

6 FEB 14
Date


John Holeman

Feb - 6 - 2014
Date


Justin Reed

6 FEB 14
Date