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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TONY D. FLAIM	10/16/2017

RECEIVING PARTY DATA

Name:	BREWER SCIENCE INC.
Street Address:	2401 BREWER DRIVE
City:	ROLLA
State/Country:	MISSOURI
Postal Code:	65401

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15689056

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	TRACY L. BORNMAN
SIGNATURE:	/Tracy L. Bornman/
DATE SIGNED:	11/07/2017

Total Attachments: 3

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PATENT 504631501 REEL: 044056 FRAME: 0812

<u>ASSIGNMENT</u>

WHEREAS, I, Tony D. Flaim, of 16710 Missouri Highway 68, St. James, Missouri 65559, have invented certain new and useful improvements in

POLYMER FILM STENCIL PROCESS FOR FAN-OUT WAFER-LEVEL PACK-AGING OF SEMICONDUCTOR DEVICES,

which is the subject of U.S. Patent Application No. 15/689,056, filed August 29, 2017, and claims the benefit of earlier filed U.S. Provisional Patent Application No. 62/380,762, filed August 29, 2016 (collectively, "Applications"); and

WHEREAS, Brewer Science Inc., a corporation duly organized under the laws of the State of Missouri, and having its principal place of business at 2401 Brewer Drive, Rolla, Missouri 65401, is desirous of acquiring an interest in, to, and under said invention, said Application and any and all Letters Patent which may be granted for or upon said invention in the United States of America and all countries foreign thereto.

NOW, THEREFORE, to all whom it may concern be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, Tony D. Flaim, of 16710 Missouri Highway 68, St. James, Missouri 65559, have sold, assigned, and transferred, and by these presents do sell, assign, and transfer unto said Brewer Science Inc., the full and exclusive right, title, and interest, throughout the world, in, to, and under the following:

- (a) said invention as fully set forth and described in said Applications;
- (b) U.S. Patent Application No. 15/689,056, filed August 29, 2017;
- (c) U.S. Provisional Patent Application No. 62/380,762, filed August 29, 2016;
- (d) any and all refilings, divisions, and continuations of said Applications;
- (e) any and all Letters Patent of the United States of America that may issue from said Application, refilings, divisions, and continuations;
 - (f) any and all reissues of said Letters Patent of the United States of America;
- (g) any and all applications for Letters Patent on said invention that have been, or may be, filed in any and all countries foreign to the United States of America, together with all rights to file and to claim priority in connection with said foreign-filed applications;
- (h) any and all refilings, divisions, and continuations of said foreign-filed applications;
- (i) any and all Letters Patent of countries foreign to the United States of America that may issue from said foreign-filed applications, refilings, divisions, and continuations; and

PATENT REEL: 044056 FRAME: 0813 (j) any and all extension of, and additions to, said Letters Patent of countries foreign to the United States of America.

ALL of the above shall be held and enjoyed by said Brewer Science Inc. for its own use and behoof, and for its successors, legal representatives, and assigns, to the full end of the term for which said Letters Patent may be granted, and I do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent in accordance with this Assignment.

Assignor(s) further agree to execute all paperwork and provide any other requested, nonmonetary assistance in procuring, perfecting, enforcing, and/or defending Assignee's rights in the rights assigned herein.

Executed this _	16day of_	October	,20/7.
		- Par	. D. Haras
		Tony D. Flaim	15 Java

STATE OF Missouri)
) SS.
COUNTY OF Polyes)

Notary Public

CATHERINE M. FRANK
Notary Public - Notary Seal
State of Missouri - County of Phelps
My Commission Expires 4/10/2019
Commission #15389850

Brewer Science Inc. hereby declares it accepts the rights and property hereby assigned and transferred to it.

Brewer Science Inc.

By Dan Brewer