

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	HENKEL JAPAN LTD.	01/17/2019
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	HENKEL AG & CO. KGAA	
<b>Street Address:</b>	HENKELSTRASSE 67	
<b>City:</b>	DUESSELDORF	
<b>State/Country:</b>	GERMANY	
<b>Postal Code:</b>	40589	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	15945772
<b>CORRESPONDENCE DATA</b>		
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<b>ATTORNEY DOCKET NUMBER:</b>	PT031907	
<b>NAME OF SUBMITTER:</b>	JOANNE GUTIERREZ	
<b>SIGNATURE:</b>	/JOANNE GUTIERREZ/	
<b>DATE SIGNED:</b>	01/17/2019	
<b>Total Attachments: 2</b>		
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## ASSIGNMENT

### WHEREAS:

NAME OF ASSIGNOR

Henkel Japan Ltd.  
2-8 Higashi-shinagawa, 2-Chome  
Shinagawa-ku, Tokyo 1400002  
Japan

(hereinafter referred to as ASSIGNOR), has obtained title to a certain invention entitled:

TITLE OF INVENTION

**FORMULATIONS CONTAINING MIXED RESIN SYSTEMS AND  
THE USE THEREOF FOR WAFER-LEVEL UNDERFILL FOR 3D  
TSV PACKAGES**

for which a patent application was filed on April 5, 2018 as U.S. Patent Application No. 15/945,772, which was filed as a continuation of International Patent Application No. PCT/US16/55698, filed on October 6, 2016, which claims the benefit of U.S. Provisional Patent Application No. 62/238,184, filed on October 17, 2015; and for which non-United States patent applications were filed on October 6, 2016 as ROC (Taiwan) Patent Application No. 105132313; as Chinese Patent Application No. 201680055617.0; as Japanese Patent Application No. 2018-517756; as Korean Patent Application No. 10-2018-7007426; as European Patent Application No. 16854300.7 (hereinafter referred to as "Patent Properties"); and

### WHEREAS:

FULL NAME

AND ADDRESS

OF ASSIGNEE

Henkel AG & Co. KGaA  
Henkelstrasse 67  
40589 Duesseldorf  
Germany

(hereinafter referred to as ASSIGNEE), had acquired ASSIGNOR's entire right, title and interest in, to and under said invention, and in, to and under the Patent Properties.

### NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

Be it known that for and in consideration by ASSIGNEE to ASSIGNOR, the receipt of which is hereby acknowledged, ASSIGNOR, to the extent it has not already done so, sold, assigned and transferred to ASSIGNEE its full and exclusive right,

## ASSIGNMENT

Attorney Docket No.: PT031907

title and interest in, to and under said invention and said Patent Properties, together with all continuation, divisional, renewal, substitute, reissue or other patent applications that have been or may be filed on said invention.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

ASSIGNOR further covenants and agrees that upon the request of ASSIGNEE and with no further consideration but at the expense of ASSIGNEE, ASSIGNOR will: promptly provide to ASSIGNEE all facts and documents relating to said invention or said patent application that are known or accessible to ASSIGNOR; testify in any interference, litigation or other proceeding relating to said invention or said patent application; and promptly execute and deliver to ASSIGNEE any and all papers, instruments or affidavits which may be necessary or desirable to apply for, obtain, maintain, issue or enforce patent protection for said invention or to vest title to said invention in ASSIGNEE.

**IN WITNESS WHEREOF**, I have hereunto set hand and seal:

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this 17th day of Dec, 2015.

Steven C. Bauman  
*Senior Patent Counsel*

(Signature of Assignor)

*State of Connecticut )*  
*County of Hartford ) ss: Rocky Hill*

On this 17 th day of January, before me, Theresa Adams, the undersigned officer, personally appeared known to me to be the person whose name appears above and acknowledged that he executed the same for the purposes contained in the instrument.

*Notary Public*

**TRICIA A. SMITH**  
**NOTARY PUBLIC**  
MY COMMISSION EXPIRES JAN. 31, 2019

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