# 504213022 02/04/2017

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4259699

| SUBMISSION TYPE:      | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT     |

#### **CONVEYING PARTY DATA**

| Name                     | Execution Date |
|--------------------------|----------------|
| MICHAEL JOSEPH MCPARTLIN | 01/09/2017     |
| BHARATJEET SINGH GILL    | 01/09/2017     |

# **RECEIVING PARTY DATA**

| Name:           | Skyworks Solutions, Inc. |
|-----------------|--------------------------|
| Street Address: | 20 Sylvan Road           |
| City:           | Woburn                   |
| State/Country:  | MASSACHUSETTS            |
| Postal Code:    | 01801                    |

# **PROPERTY NUMBERS Total: 1**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 15299760 |

### **CORRESPONDENCE DATA**

**Fax Number:** (949)231-3206

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.

**Phone:** 9492313073

**Email:** ip.docketing@skyworksinc.com

Correspondent Name: DONALD BOLLELLA

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| ATTORNEY DOCKET NUMBER: | 16SKY0386.02 US   |  |
|-------------------------|-------------------|--|
| NAME OF SUBMITTER:      | DONALD BOLLELLA   |  |
| SIGNATURE:              | /Donald Bollella/ |  |
| DATE SIGNED:            | 02/04/2017        |  |

# **Total Attachments: 2**

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PATENT 504213022 REEL: 041173 FRAME: 0979

#### ASSIGNMENT

WHEREAS, we, Michael Joseph McParllin residing at 99 Meadowview Road, North Andover, Massachusetts 01845 and Bharatjeet Singh Gill residing at 140 Strathcarron Crescent, Ottawa, Ontario K2K 0C8, Canada, have invented a certain new and useful SOLDER BUMP PLACEMENT FOR THERMAL MANAGEMENT IN FLIP CHIP AMPLIFIERS for which we have made application for Letters Patent of the United States as fully set forth and described in the specification duly filed in the United States Patent and Trademark Office on October 21, 2016 and assigned Application Serial No. 15/299,760, which derived priority benefit from U.S. Provisional Patent Application Serial No. 62/245,183 filed October 22, 2015 and U.S. Provisional Patent Application Serial No. 62/245,183 filed October 22, 2015; and

WHEREAS, Skyworks Solutions, Inc., a corporation duly organized and existing under and by virtue of the laws of the State of Delaware, having a principal business address at 20 Sylvan Hoad, Woburn, Massachusetts 01801, is desirous of acquiring the entire interest in and to said invention, said non-provisional and provisional applications, any and all inventions and improvements disclosed in said applications, and all Letters Patent to be had therefor.

NOW THEREFORE, to all whom it may concern, be it known, that for good and valuable consideration, the sufficiency and receipt of which are hereby acknowledged, we, said Michael Joseph McPartin and Bharatjeet Singh Gill have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over unto said Skyworks Solutions, Inc., the whole right, title, and interest in and to said SOLDER BUMP PLACEMENT FOR THERMAL MANAGEMENT IN FLIP CHIP AMPLIFIERS, the aforesaid applications, and any and all inventions and improvements disclosed in the aforesaid non-provisional and provisional applications for patent. as fully set forth and described therein, and all divisional, continuing, substitute, renewal, relissue, and all other applications for Letters Patent derived from or claiming priority to the aforesaid applications which have been or shall be filed in the United States and in and to the United States Letters Patent to be issued thereon for the territory of the United States, and all corresponding foreign counterpart applications derived from or claiming priority to the aforesaid United States nonprovisional and provisional patent applications and related applications as prepared for and filled in any and all loreign countries, said whole right, title, and interest being the same for said Skyworks Solutions, Inc.'s own use and for the use of its assigns, successors, and legal representatives to the full end of the term for which all said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by us had this assignment and sale not been made. And we hereby acknowledge, agree, and understand that this assignment conveys any and all other related intellectual property rights including, but not so limited to, copyright rights, copyrightable subject matter, know how, trade secrets, copyright registrations, and reproduction rights, including any and all right to sue for past, current, or future infringement of the intellectual property rights hereby sold, assigned, and transferred, and we further hereby waive any and all moral rights under 17 U.S.C. § 106A or as so otherwise provided.

And we, for ourselves, our heirs, assigns, and legal representatives hereby coverant to and with said assignee Skyworks Solutions, Inc., its assigns, successors, and legal representatives, that we have full right to sell, assign, and transfer the whole right, title, and interest in and to said inventions and improvements, said non-provisional and provisional applications, and all the Letters Patent to be had therefor and that the entire interest herein conveyed is free from all prior assignment, grant, mortgage, license, or other encumbrance whatsoever. And we also, for ourselves, our heirs, assigns, and legal representatives hereby further covenant to and with said assignee Skyworks Solutions, Inc., its assigns, successors, and legal representatives to fully

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cooperate therewith in the prosecution of the aforesaid applications in the United States Patent and Trademark Office and in any and all foreign jurisdictions, said cooperation extending to any U.S. or foreign divisional, continuing, substitute, renewal, reissue, or any other application derived from or ctaiming priority to the aforesaid applications, and including the execution of additional declarations, assignments, and other formal documents as may be required in connection therewith.

And we do hereby covenant and agree not to challenge or oppose, on any grounds whatsoever, the validity of this assignment or to assist or request any third party to contest the validity of this assignment, and we further agree not to contest the validity or enforceability of any intellectual property rights assigned herein, or to assist or request any third party to contest the validity or enforceability of any intellectual property rights assigned herein. And we also agree that no course of conduct or dealing by us shall act as an amendment, modification, or waiver of any provision of this assignment unless specifically set forth in writing.

And we do hereby authorize and request the United States Commissioner of Patents to issue Letters Patent to said Skyworks Solutions, Inc. as the assignee of our entire right, title, and interest therein.

IN TESTIMONY WHEREOF, we have hereunto set our respective hand and seal on the day and month as indicated below.

| Michael Joseph McPartlin LS. Date: January 9, 2017                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
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| Acknowledgment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Commonwealth of Massachusetts } 58.  County of 56 / 2   58.  On this 6 - day of 7000000 2   3 before me, the restersigned negacy public, personally appeared Michael Josep McPartiin, proved to me through satisfactory evidence of identification, which was 10   10 W/W 12.0 to be the personal parties name is signed on the preceding Assignment, and acknowledged to me that he signed it voluntarily for its stated purpose.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| CHRISTOPHER M. JENSEN Netary Public Christiphu W. Jensen Notary Public Christiphu W. Jensen Public (Official Seal  White State Seal  (Official Seal  Christiphu W. Jensen Public (Notary's printed or typed name) May 28, 2023                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| LS. Date: <u>Jan. 9 26/7</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Acknowledgment Commonwell in or Vasach & Felt Genada, Province of Octable Convint of ESSA 25 Convint of ESSA |
| WITNESS my hand and official seal  CHRISTOPHER M. JENSEN Mostary Public Commonwealth or Massic Constitution Eightfur of Hotary  Christopher M. Jensen  Christopher M. Jensen                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

Assignment 15/299,760

PATENT REEL: 041173 FRAME: 0981

RECORDED: 02/04/2017