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U.S. Department of Commerce Patent and Trademark Office



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To the Commissioner for Patents. Please record the attached original documents or copies thereof.

1. Name of Conveying Party(ies). Chien-Wen CHEN Chia-Jen KAO Jui-Cheng CHUANG		2. Name and Address of Receiving Party(ies): Name: Global Unichip Corporation Street Address: No. 10, Li-Hsin 6th Rd., Hsinchu Science Park City, State, Zip: Hsinchu City 300, Taiwan, R.O.C.	
3. Nature of Conveyance <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: February 24, 2011		<input type="checkbox"/> Additional name(s) and address(es) attached.	
4. (A) Patent Application Number(s): If this document is being filed together with a new application, the execution date of the application is February 24, 2011		4. (B) Patent Number(s): <input type="checkbox"/> Additional Numbers Attached.	
Title: METHOD FOR DETECTING THE UNDER-FILL VOID IN FLIP CHIP BGA Attorney Docket No.: CHEN4495/EM			
5. Name and Address of Party to whom Correspondence Concerning this Document Should be Mailed: Name: Eugene Mar <div style="border: 1px solid black; padding: 5px; display: inline-block;"> 23364 <small>CUSTOMER NUMBER</small> </div> Bacon & Thomas, PLLC 625 Slaters Lane Fourth Floor Alexandria, VA 22314		Total Number of Applications and Patents Involved: 1 7. Total Fee: (37 CFR 3.41) \$40.00 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account 8. Deposit Account Number: 02-0200	
9. Statement and Signature: <p style="text-align: center;"><i>To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.</i></p> <div style="display: flex; justify-content: space-between;"> <div style="text-align: center;"> Eugene Mar <small>Name of Person Signing</small> </div> <div style="text-align: center;"> <small>Signature</small> </div> <div style="text-align: center;"> March 9, 2011 <small>Date</small> </div> </div>			
Total number of pages including cover sheet, attachments and document: 3			

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ATTORNEY/DOCKET NO.

ASSIGNMENT BY INVENTOR(S) OF U.S. APPLICATION

WHEREAS, I am the original, first and sole inventor and I own (if only one name is listed below) or an original, first and joint inventor and the joint inventors own (if plural names are listed below) (referred to as "ASSIGNOR" below) the subject matter which is claimed and for which a patent is sought on the invention (referred to as the "INVENTION" below) entitled:

Title: METHOD FOR DETECTING THE UNDER-FILL VOID IN FLIP CHIP BGA

the specification of which (check one)

- is executed on even date herewith
- was filed on (day-month-year) as U.S. Application Number
- was filed on (day-month-year) as PCT Application Number
- was executed on the following date(s) (day-month-year)

WHEREAS, Global Unichip Corporation
having a postal address of No 10, Li-Hsin 6th Rd., Hsinchu Science Park, Hsinchu City 300, Taiwan (R.O.C.)
(referred to as "ASSIGNEE" below) desires to acquire the entire right, title and interest in and to the same in the U.S.;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, ASSIGNOR, by these presents does sell, assign and transfer unto ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all patents granted on any division, continuation, continuation-in-part and reissue of said application.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent applications in the United States for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNEE's request documents and information concerning the INVENTION that are within ASSIGNOR's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's heirs, executors, administrators and other legal representatives.

ALSO, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all patents referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and behoof, and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for which such patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR authorizes any member of the firm of Bacon & Thomas, PLLC to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office.

Full Name of First or Sole Inventor Chien-Wen CHEN	Post Office Address No 9, Sec. 1, Balian Rd., Xizhi City, Taipei County 221, Taiwan (R.O.C.)
Citizenship Taiwan (R.O.C.)	Residence (city, and either state or foreign country, MPEP §605.02) No 9, Sec. 1, Balian Rd., Xizhi City, Taipei County 221, Taiwan (R.O.C.)
Date 2, 24, 2011	Signature Chien-Wen CHEN

See following page(s) for additional joint inventors

ATTORNEY/DOCKET NO

SUPPLEMENTAL PAGE FOR AN
ASSIGNMENT BY INVENTOR(S) OF U.S. APPLICATION

Full Name of Joint Inventor Chia-Jen KAO	Post Office Address 6F., No.6, Ln. 354, Sec. 1, Guangfu Rd., East Dist., Hsinchu City 300. Taiwan (R.O.C.)
Citizenship Taiwan, R.O.C	Residence (city, and either state or foreign country, MPEP §605.02) 6F., No.6, Ln. 354, Sec. 1, Guangfu Rd., East Dist., Hsinchu City 300. Taiwan (R.O.C.)
Date 2, 24, 2011	Signature Chia-Jen KAO

Full Name of Joint Inventor Jui-Cheng CHUANG	Post Office Address No 41, Ln 83, Mingya Rd., Qianzhen Dist., Kaohsiung City 806, Taiwan (R.O.C.)
Citizenship Taiwan, R.O.C	Residence (city, and either state or foreign country, MPEP §605.02) No 41, Ln 83, Mingya Rd., Qianzhen Dist., Kaohsiung City 806, Taiwan (R.O.C.)
Date 2, 26, 2011	Signature Jui-Cheng Chuang

See following page(s) for additional joint inventors.