

07-18-2003

Express Mail No. EV 313 841 197 US



DRM COVER SHEET
[S ONLY

102500587

Attorney Docket Number 9818-086-999

Mail Stop Assignment Recordation Services
Director of the United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

7-9-03

Please record the attached original documents or copy thereof.

21904 U.S. PTO
10/616858
07/09/03

1. Name of conveying party(ies): Yuan Li Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): Name: <u>Altera Corporation</u> Address: <u>101 Innovation Drive</u> <u>San Jose, California 95134</u> Country (if other than USA):
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment Merger Security Agreement Change of Name Other Execution Date: <u>July 2, 2003</u>	

4. Application number(s) or patent number(s): 10616858

If this document is being filed together with a new application, the execution date of the application is: July 2, 2003

A. Patent Application No.(s) To Be Assigned B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed: PENNIE & EDMONDS LLP 3300 Hillview Avenue Palo Alto, California 94304	6. Number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 3.41):.....\$ 40.00 Please charge to the deposit account listed in Section 8. 8. Deposit account number: <u>16-1150</u>
--	---

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Francis E. Morris	<u>24,615</u>		<u>July 9, 2003</u>
Name of Person Signing	Reg. No.	Signature	Date

Total number of pages including cover sheet: 2

Mail documents to be recorded with required cover sheet information to:
Mail Stop Assignment Recordation Services
Director of the United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

07/18/2003 878M1 0000025 161150 10616858
01 FC:0021 40.00 00

CA1: 348450.1

PATENT
REEL: 014267 FRAME: 0977

ASSIGNMENT

WHEREAS, I, YUAN LI, ASSIGNOR, citizen of China, residing at 1674 Hollenbeck Avenue, #54, Sunnyvale, CA 94087, am the inventor of the invention in Low Warpage Flip Chip Package Solution - Channel Heat Spreader for which I have executed an application for a Patent of the United States

- which is executed on even date herewith or
- which is identified by Pennie & Edmonds LLP docket no. 9818-086-999
- which was filed on , Application No.
- I hereby authorize and request my attorney, Francis E. Morris, of Pennie & Edmonds, LLP, 3300 Hillview Avenue, Palo Alto, CA 94304, to insert here in parentheses (Application number, _____ filed _____) the filing date and application number of said application when known.

and WHEREAS, ALTERA CORPORATION, ASSIGNEE is desirous of obtaining my entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the said ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, my entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND I HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

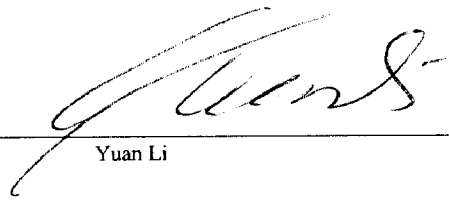
AND I HEREBY covenant and agree that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, I hereunto sign my name on the date indicated hereinafter.

7/2/03

Date


Yuan Li