

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Patty Pei-Ling Chang-Chien	06/18/2007
Kelly Jill Tornquist Hennig	06/18/2007
RECEIVING PARTY DATA	
Name:	Northrop Grumman Space & Mission Systems Corp.
Street Address:	1840 Century Park East
City:	Los Angeles
State/Country:	CALIFORNIA
Postal Code:	90067
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11782497
CORRESPONDENCE DATA	
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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ATTORNEY DOCKET NUMBER:	NGC-00116
NAME OF SUBMITTER:	John A. Miller
Total Attachments: 2 source=NGC-00116_assignment#page1.tif source=NGC-00116_assignment#page2.tif	

OP \$40.00 11782497

ASSIGNMENT

WHEREAS, I, Patty Pei-Ling Chang-Chien, together with Kelly Jill Tomquist Hennig, hereinafter referred to as Assignors, have jointly invented certain new and useful improvements in a SUPPORT STRUCTURES FOR ON-WAFER TESTING OF WAFER-LEVEL PACKAGES AND MULTIPLE WAFER STACKED STRUCTURES, described in an application for United States Letters Patent, executed by us on the date as stated below;

WHEREAS, Northrop Grumman Space & Mission Systems Corp., an Ohio corporation, having its principal place of business at 1840 Century Park East, Los Angeles, California 90067, hereinafter referred to as Assignee, is desirous of acquiring the entire right, title and interest in, to and under said improvements and said application:

NOW, THEREFORE, in consideration of Assignors' obligations to Northrop Grumman Space & Mission Systems Corp., and for other good and valuable consideration, the receipt and sufficiency is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, Assignors' entire right, title and interest in, to and under said improvements, and said application and all divisions, renewals, continuations, and continuations-in-part thereof, and all United States Letters Patent which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, including the full right to claim for any such application the priority benefits of the International Convention for the Protection of Industrial Property and other priority-conferring treaties, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, divisions, continuations, continuations-in-part, renewals and reissues thereof; and Assignor hereby authorizes and requests 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 on applications as aforesaid, to issue all Letters Patent for said improvements to said Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

Assignors hereby acknowledge that at the time of making the improvements herein identified, Assignors were under an obligation to assign to Assignee, Assignors' entire right, title and interest in, to and under said improvements;

Assignors hereby covenant that Assignors have full right to convey the interest herein assigned, and that Assignors have not executed, and will not execute, any agreement in conflict herewith and that Assignee, Northrop Grumman Space & Mission Systems Corp., its successors, assigns and other legal representatives shall have the right to hold and enjoy for its and their own use and benefit, to the end of the term or terms for which such Letters Patent shall or may be granted, reissued or extended as fully and completely as the same right or could have been held and enjoyed by Assignors had this Assignment not been made.

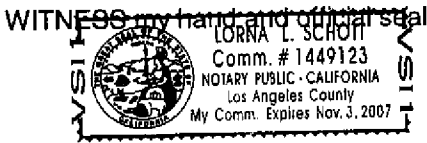
Assignors hereby further covenant and agree to communicate to Assignee, its successors, legal representatives and assigns, any and all facts known to Assignors respecting said improvements; to promptly provide Assignee with all documents relating to said improvements, said invention, and said Letters Patent as may be known or accessible to Assignors; to testify as to the same in any interference or litigation or other legal proceedings related thereto; to sign all lawful papers, execute all extensions, continuations, continuations-in-part, divisional and reissue applications; and to make all rightful oaths or declarations and generally do everything possible to aid Assignee, its successors, legal representatives and assigns in obtaining and enforcing all the rights herein conveyed for said improvements in all countries without further compensation, but at the expense of Assignee, its successors, legal representatives and assigns.

IN WITNESS WHEREOF, the undersigned has executed and delivered this instrument this 18th day of June, 2007, and has executed the referenced patent application on the 18th day of June, 2007.

Patty Pei-Ling Chang-Chien
Patty Pei-Ling Chang-Chien, Assignor

STATE OF California
COUNTY OF Los Angeles) ss

On June 18, 2007 before me, Lorna L. Schott, Notary Public, personally appeared Patty Pei-Ling Chang-Chien, known to me ~~or~~ proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to this instrument and acknowledges to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument to be the person or the entity upon behalf of which the person acted, executed the instrument.



Lorna L. Schott
Notary's Signature

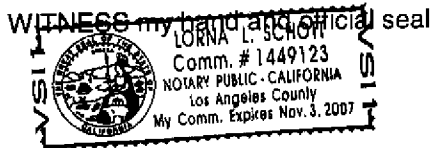
(Seal)

IN WITNESS WHEREOF, the undersigned has executed and delivered this instrument this 18th day of June, 2007, and has executed the referenced patent application on the 18th day of June, 2007.

Kelly Jill Tornquist Hennig
Kelly Jill Tornquist Hennig, Assignor

STATE OF California
COUNTY OF Los Angeles) ss

On June 18, 2007 before me, Lorna L. Schott, Notary Public, personally appeared Kelly Jill Tornquist Hennig, known to me ~~or~~ proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to this instrument and acknowledges to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument to be the person or the entity upon behalf of which the person acted, executed the instrument.



Lorna L. Schott
Notary's Signature

(Seal)