

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Jeffrey D. Punzalan</td> <td>04/19/2004</td> </tr> <tr> <td>Jose Alvin Caparas</td> <td>04/19/2004</td> </tr> <tr> <td>Jae Hun Ku</td> <td>04/19/2004</td> </tr> </tbody> </table>		Name	Execution Date	Jeffrey D. Punzalan	04/19/2004	Jose Alvin Caparas	04/19/2004	Jae Hun Ku	04/19/2004
Name	Execution Date								
Jeffrey D. Punzalan	04/19/2004								
Jose Alvin Caparas	04/19/2004								
Jae Hun Ku	04/19/2004								
RECEIVING PARTY DATA									
Name:	ST ASSEMBLY TEST SERVICES LTD.								
Street Address:	5 Yishun St. 23								
City:	Singapore 768442								
State/Country:	SINGAPORE								
PROPERTY NUMBERS Total: 1									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>10837347</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	10837347				
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Application Number:	10837347								
CORRESPONDENCE DATA									
Fax Number:	(408)738-0881								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	408-738-0592								
Email:	asha@ishimarulaw.com								
Correspondent Name:	Mikio Ishimaru								
Address Line 1:	The Law Offices of Mikio Ishimaru								
Address Line 2:	1110 Sunnyvale-Saratoga Rd., Ste. A1								
Address Line 4:	Sunnyvale, CALIFORNIA 94087								
NAME OF SUBMITTER:	Mikio Ishimaru								
Total Attachments: 3 source=27-020 Assignment#page1.tif source=27-020 Assignment#page2.tif source=27-020 Assignment#page3.tif									

CH \$40.00 10837347

ASSIGNMENT

WHEREAS, the undersigned (hereinafter termed Assignor(s)) has/have invented certain new and useful improvements in

LARGE DIE PACKAGE STRUCTURES AND FABRICATION METHOD THEREFOR

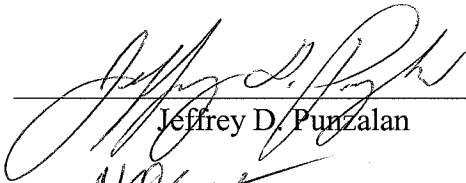
for which a United States patent application has been executed on or before the date of this assignment;

WHEREAS, ST ASSEMBLY TEST SERVICES LTD., a Corporation of the Republic of Singapore, having a place of business at 5 Yishun St. 23, Singapore 768442, (hereinafter termed Assignee), is desirous of acquiring the entire right, title and interest in and to said application and said invention and improvements thereon, and in and to Letters Patents thereon when granted in the United States and foreign countries;

NOW, THEREFORE, for good and valuable consideration received by said Assignor(s) from said Assignee, the receipt of which is hereby acknowledged by said Assignor(s):

1. Said Assignor(s) does hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest in and to said application and said invention and in and to any and all improvements on said invention and in and to any and all improvements on said invention heretofore or hereafter made or acquired by said Assignor(s); and in and to any and all Letters Patent on said invention and/or said improvements that may be granted in the United States or any foreign country, including each and every Letters Patent granted on any application which is a division, continuation, substitution, renewal, or continuation-in-part of any said application, and in and to each and every reissue or extension of said Letters Patent.
2. Said Assignor(s) hereby covenants and agrees to cooperate with said Assignee where said Assignee may enjoy to the fullest extent the right, title and interest herein conveyed. Such cooperation shall include (a) prompt execution of all papers (prepared at the expense of Assignee) which are deemed necessary or desirable by Assignee to perfect in it the right, title and interest herein conveyed, (b) prompt execution of all petitions, oaths, specifications or other papers (prepared at the expense of Assignee) which are deemed necessary or desirable by assignee for prosecuting said application, for filing and prosecuting divisional, continuation, substitution, renewal, continuation-in-part, or additional applications in the United States and/or foreign countries covering said invention and/or said improvements, for filing and prosecuting applications for reissuance of letters patent included herein, or for interference proceedings involving said invention and/or said improvements and (c) prompt assistance and cooperation in the prosecution of interference proceedings involving said invention and/or said improvements and in the adjudication of said Letters Patent, particularly by the disclosure of facts and the production of evidence relating to said invention and/or said improvements, provided the expenses which may be incurred by said Assignor(s) in lending such assistance and cooperation shall be paid by the Assignee.
3. The terms, covenants and conditions of this assignment shall inure to the benefit of said Assignee, its successors, assigns and/or other legal representatives and shall be binding upon said Assignor(s), his/her heirs, legal representatives and assigns.
4. Said Assignor(s) hereby warrants and represents that he/she has not entered into any assignment, contract or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Assignor has executed and delivered this instrument on the date set forth below.


Jeffrey D. Punzalan

19/04/2004
Date


Witness Signature


Witness Signature

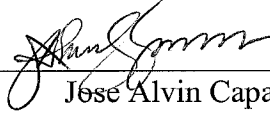
HENRY BATHAN
Print Witness Name

Emmanuel Espiritu
Print Witness Name

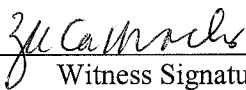
19 APRIL 2004
Date

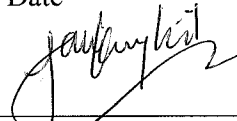
19 April 2004
Date

IN WITNESS WHEREOF, the said Assignor has executed and delivered this instrument on the date set forth below.


Jose Alvin Caparas

19/04/2004
Date


Witness Signature


Witness Signature

ZIGMUND CAMACHO
Print Witness Name

LAU KENG KIAT
Print Witness Name

19 april 2004
Date

19 APRIL 2004
Date

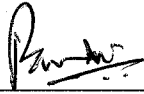
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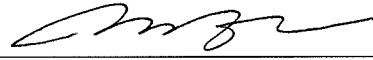
Jae Hun Ku

19/Apr/104

Date



Witness Signature



Witness Signature

MARIMUTHU PANDI CHELVAM

Print Witness Name

YANG SUNG UK

Print Witness Name

19 April 2004.

Date

19. Apr. 2004

Date