

**PATENT ASSIGNMENT**

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| SUBMISSION TYPE:   | NEW ASSIGNMENT   |
| NATURE OF CONVEYANCE:  | ASSIGNMENT   |
| <b>CONVEYING PARTY DATA</b>  |  |
| Name   | Execution Date   |
| Jimmy Hwee Seng CHEW   | 01/29/2010   |
| <b>RECEIVING PARTY DATA</b>  |  |
| Name:  | ADVANCED SYSTEMS AUTOMATION LIMITED                            |
| Street Address:  | Blk 25, Kallang Avenue, #07-06 Kallang Basin Industrial Estate |
| City:  | Singapore  |
| State/Country:   | SINGAPORE  |
| Postal Code:   | 339416   |
| <b>PROPERTY NUMBERS Total: 1</b>   |  |
| Property Type  | Number   |
| Application Number:  | 10533236   |
| <b>CORRESPONDENCE DATA</b>   |  |
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| Correspondent Name:  | Jonathan M. Harris   |
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| ATTORNEY DOCKET NUMBER:  | 2085-05400   |
| NAME OF SUBMITTER:   | Jonathan M. Harris   |
| Total Attachments: 2<br>source=05400ASSIGNMENTCHEW#page1.tif<br>source=05400ASSIGNMENTCHEW#page2.tif |  |

**CH \$40.00 10533236**

## ASSIGNMENT

IN CONSIDERATION OF US\$ 10.00 cash in hand paid to me by Advanced Systems Automation Limited, and other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we, CHEW, Jimmy Hwee Seng, LIM, Kok Yeow, LIU, Fulin ("ASSIGNORS"), having made an invention in "Handler For Semiconductor Singulation And Method Therefor", while in the employ either as employee(s) or consultant(s) of Advanced Systems Automation Limited (sometimes hereinafter called "ASSIGNEE"), a corporation incorporated under the laws of the Republic of Singapore, doing business at Blk 25, Kallang Avenue, #07-06 Kallang Basin Industrial Estate, Singapore 339416, do hereby ASSIGN, SELL and CONVEY to Advanced Systems Automation Limited, their successors and assigns, the entire right, title and interest throughout the world in and to:

1. Said invention in "Handler For Semiconductor Singulation And Method Therefor";
2. United States of America patent application on said invention, Serial No. 10/533,236, filed October 18, 2005, Attorney's File No. 2085-05400, entitled "Handler For Semiconductor Singulation And Method Therefor";
3. All applications for patent or like protection on said invention that have now been or may in the future be made by me or my legal representatives, including any continuation, continuation-in-part and any other utility applications that may be based on this invention, whether in the United States of America or any other place anywhere in the world;
4. All patents and like protection that have now been or may in the future be granted on said invention to me or my legal representatives, whether in the United States of America or in any other country or place anywhere in the world;
5. All substitutions for and divisions, continuations, continuations-in-part, renewals, reissues, extensions, and the like of said applications and patents and like grants, including without limitation, those obtained or permissible under past, present and future laws and statutes;
6. All rights of action on account of past, present and future unauthorized use of said invention and for infringement of said patents and like protection;
7. The right in ASSIGNEE to file in their name applications for

patents and like protection for said invention in any country or countries foreign to the United States; and

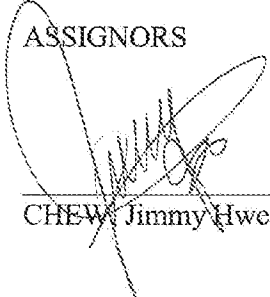
8. All international rights of priority associated with said invention, applications, patents and like protection;

and I covenant that I, and my heirs, legal representatives, assigns, administrators, and executors, will, at the expense of ASSIGNEE, their successors and assigns, execute all papers and perform such other acts as may be reasonably necessary to give ASSIGNEE, their successors and assigns, the full benefit of this Assignment.

EXECUTED at the place and on the date indicated below, opposite my signature.

Date: January 29, 2010

ASSIGNORS

  
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CHEW, Jimmy Hwee Seng

Executed at:  
Advanced Systems Automation Limited

Blk 25 Kallang Avenue, #07-06

Kallang Basin Industrial Estate

Singapore 339416

Republic of Singapore

\_\_\_\_\_  
LIM, Kok Yeow

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LIU, Fulin