

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Landobasa Yosef Mario A.L. TOBING</td><td>01/19/2009</td></tr><tr><td>Ting MEI</td><td>01/19/2009</td></tr><tr><td>Ooi Kwen ONG</td><td>01/19/2009</td></tr></tbody></table>	Name	Execution Date	Landobasa Yosef Mario A.L. TOBING	01/19/2009	Ting MEI	01/19/2009	Ooi Kwen ONG	01/19/2009	
Name	Execution Date								
Landobasa Yosef Mario A.L. TOBING	01/19/2009								
Ting MEI	01/19/2009								
Ooi Kwen ONG	01/19/2009								
RECEIVING PARTY DATA									
Name:	Nanyang Technological University								
Street Address:	50 Nanyang Avenue								
City:	Singapore								
State/Country:	SINGAPORE								
Postal Code:	639798								
PROPERTY NUMBERS Total: 1									
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12357325</td></tr></tbody></table>	Property Type	Number	Application Number:	12357325					
Property Type	Number								
Application Number:	12357325								
CORRESPONDENCE DATA									
Fax Number: (312)876-7934 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone: 312-876-7925									
Email: patents@sonnenschein.com									
Correspondent Name: SONNENSCHN NATH & ROSENTHAL LLP									
Address Line 1: P.O. BOX 061080									
Address Line 2: WACKER DRIVE STATION, SEARS TOWER									
Address Line 4: CHICAGO, ILLINOIS 60606-1080									
ATTORNEY DOCKET NUMBER:	12000064-0004								
NAME OF SUBMITTER:	Stephen M. De Klerk								
Total Attachments: 2 source=12000064-0004_Assignment_signed#page1.tif									

OP \$40.00 12357325

500759661

PATENT
REEL: 022135 FRAME: 0290

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned:

**Landobasa Yosef Mario A. L. TOBING, Ting MEI and
Ooi Kwen ONG (Administrator for Estate of Mee Koy CHIN)**

hereby sell, assign, and transfer to:

Nanyang Technological University

having a principal place of business at 50 Nanyang Avenue, Singapore 639798 ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions and improvements that are disclosed in the application for the United States patent filed on _____, and assigned Application No. _____ and is entitled:

TWO-RING OPTICAL BUFFER

[We hereby authorize an attorney or agent for said Assignee to insert above the application number and filing date of said patent application when known.]


and in and to said application and all design, utility, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said inventions and improvements; and in and to all rights of priority from the filing of said United States applications;

agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all design, utility, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications on any and all said inventions and improvements; execute all rightful oaths, assignments, power of attorney, and other papers; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof, and generally assist said Assignee, its successors, assigns, or legal representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

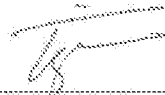
covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

19 Jan 2009
Date


Name: Landobasa Yosef Mario A. L. TOBING

19 Jan 2009
Date


Name: Ting MEI

19 Jan 2009
Date


Name: Ooi Kwen ONG
Administrator for Estate of Mee Koy CHIN

Assignment Document Return Address:
SONNENSCHN NATH & ROSENTHAL LLP
P.O. Box 061080
Wacker Drive Station, Sears Tower
Chicago, Illinois 60606-1080
Telephone: 650.798.0342
Facsimile: 650.798.0310