

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT										
NATURE OF CONVEYANCE:	Corrective Assignment to correct the name and address of the Assignee previously recorded on Reel 022388 Frame 0252. Assignor(s) hereby confirms the Assignment of Assignors Interest.										
CONVEYING PARTY DATA											
<table border="1"><tr><th>Name</th><th>Execution Date</th></tr><tr><td>CHIA-HUNG CHIU</td><td>03/05/2009</td></tr></table>		Name	Execution Date	CHIA-HUNG CHIU	03/05/2009						
Name	Execution Date										
CHIA-HUNG CHIU	03/05/2009										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>WAVESPLITTER TECHNOLOGIES INC.</td></tr><tr><td>Street Address:</td><td>46824 LAKEVIEW BLVD</td></tr><tr><td>City:</td><td>FREMONT</td></tr><tr><td>State/Country:</td><td>CALIFORNIA</td></tr><tr><td>Postal Code:</td><td>94538</td></tr></table>		Name:	WAVESPLITTER TECHNOLOGIES INC.	Street Address:	46824 LAKEVIEW BLVD	City:	FREMONT	State/Country:	CALIFORNIA	Postal Code:	94538
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City:	FREMONT										
State/Country:	CALIFORNIA										
Postal Code:	94538										
PROPERTY NUMBERS Total: 1											
<table border="1"><tr><th>Property Type</th><th>Number</th></tr><tr><td>Application Number:</td><td>12403386</td></tr></table>		Property Type	Number	Application Number:	12403386						
Property Type	Number										
Application Number:	12403386										
CORRESPONDENCE DATA											
Fax Number: (905)286-9781 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: 905 812 9381											
Email: macauip@macau.ctm.net											
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ATTORNEY DOCKET NUMBER:	FP14022										
NAME OF SUBMITTER:	LEONG C. LEI										
Total Attachments: 3 source=FP14022_patapp_cover-assignment#page1.tif source=FP14022_patapp_cover-assignment#page2.tif											

OP \$40.00 12403386

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PATENT  
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## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
CHIA-HUNG CHIU	03/05/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	WAVE SPLITTER TECHNOLOGIES INC.
<b>Street Address:</b>	46824 LAKEVIEW BLVD.
<b>City:</b>	FREEMONT
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94538
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	12403386
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(905)286-9781
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	905 812 9381
<b>Email:</b>	macauiip@macau.ctm.net
<b>Correspondent Name:</b>	LEONG C. LEI
<b>Address Line 1:</b>	1867 YGNACIO VALLEY RD.
<b>Address Line 2:</b>	PMB #1008
<b>Address Line 4:</b>	WALNUT CREEK, CALIFORNIA 94598
<b>ATTORNEY DOCKET NUMBER:</b>	FP14022

<b>NAME OF SUBMITTER:</b>	LEONG C. LEI						
<b>Signature:</b>	/LEONG C. LEI/						
<b>Date:</b>	03/13/2009						
<b>Total Attachments: 1</b> source=FP14022_patapp_assignment#page1.tif							
<b>RECEIPT INFORMATION</b>  <table><tr><td><b>EPAS ID:</b></td><td>PAT822675</td></tr><tr><td><b>Receipt Date:</b></td><td>03/13/2009</td></tr><tr><td><b>Fee Amount:</b></td><td>\$40</td></tr></table>		<b>EPAS ID:</b>	PAT822675	<b>Receipt Date:</b>	03/13/2009	<b>Fee Amount:</b>	\$40
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# ASSIGNMENT DEED

This assignment agreement is applicable to an invention entitled (Invention Title) A BIDIRECTIONAL DIGITAL COMMUNICATION CIRCUIT AND A BIDIRECTIONAL DIGITAL COMMUNICATION METHOD

The PATENT RIGHTS referred to in this agreement are:

(check one) ☒ a patent application for this invention, executed by the ASSIGNOR(S) concurrently with this assignment.

☐ U.S. patent application Serial No. \_\_\_\_\_, filed \_\_\_\_\_

☐ U.S. patent No. \_\_\_\_\_, issued \_\_\_\_\_

The PATENT RIGHTS also include all divisions, reissues, continuations and extensions of the patents and patent applications identified above.

The PATENT RIGHTS assigned under this agreement are:

(check one) ☒ U.S. patent rights only.

☐ worldwide patent rights. In this case, the assignee shall have the right to claim the benefit of the filing date of any U.S. patent application identified above.

The ASSIGNOR(S) referred to in this agreement is (or are):

(check one) ☒ Inventor(s)

☐ Present Owner

(Full name of sole or first ASSIGNOR) Chia-Hung CHIU

(Address) 1F., No.2, Lane 250, Sec. 2, Huanhe S. Rd., Wanhua District, Taipei City 108, Taiwan, R.O.C.

The ASSIGNEE referred to in this agreement is:

(Name of Assignee) WAVESPLITTER TECHNOLOGIES, INC.

(Address of assignee) 46824 Lakeview Blvd. Fremont, CA 94538, USA

The ASSIGNEE is:

(check one) ☐ An Individual.

☐ A Partnership.

☒ A Corporation of United State of American

(state or country)

The ASSIGNOR(S), in consideration of \$1.00 paid by the ASSIGNEE, and other good and valuable consideration, receipt of which is acknowledge, have and do hereby assign the following to the ASSIGNEE; its successors and assigns:

the full and exclusive right to the invention;

the entire right, title and interest in and to the PATENT RIGHTS; and

the right to claim priority under 35 USC 119, based on any earlier foreign applications for this invention.

As to all U.S. patent applications assigned under this agreement, the ASSIGNOR(S) hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue all Letters Patent to the ASSIGNEE as the assignee of the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE, its successors and assigns.

Further, the ASSIGNOR(S) agree(s) to communicate to said ASSIGNEE, or its representatives, any facts know to the ASSIGNOR(S) respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitute, renewal, reexamination and reissue applications, execute all necessary assignment papers to cause any and all Letter Patent to be issued to said ASSIGNEE, make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention.

ASSIGNOR(S) authorize(s) LEONG C. LEI (Reg. No. 50402) to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office.

Chia-Hung Chiu

(Signature of sole or first ASSIGNOR)

2009/3/5

(Date)