

PATENT ASSIGNMENT

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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>Alexandru A. Ciubotaru</td> <td>12/09/2011</td> </tr> <tr> <td>Jerry T. Bolton, Jr.</td> <td>12/09/2011</td> </tr> <tr> <td>Steven P. Hoggarth</td> <td>12/09/2011</td> </tr> </tbody> </table>		Name	Execution Date	Alexandru A. Ciubotaru	12/09/2011	Jerry T. Bolton, Jr.	12/09/2011	Steven P. Hoggarth	12/09/2011
Name	Execution Date								
Alexandru A. Ciubotaru	12/09/2011								
Jerry T. Bolton, Jr.	12/09/2011								
Steven P. Hoggarth	12/09/2011								
RECEIVING PARTY DATA									
Name:	CSR Technology Inc.								
Street Address:	1390 Kifer Road								
City:	Sunnyvale								
State/Country:	CALIFORNIA								
Postal Code:	94086								
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>13324878</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13324878				
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Application Number:	13324878								
CORRESPONDENCE DATA									
Fax Number:	(214)855-8200								
Phone:	(214) 855-8130								
Email:	ddobson@fulbright.com								
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
Correspondent Name:	Nathan Rees								
Address Line 1:	Fulbright & Jaworski L.L.P.								
Address Line 2:	2200 Ross Avenue, Suite 2800								
Address Line 4:	Dallas, TEXAS 75201								
ATTORNEY DOCKET NUMBER:	MICP.P0139US								
NAME OF SUBMITTER:	Nathan Rees								
Total Attachments: 3 source=P0139US#page1.tif source=P0139US#page2.tif source=P0139US#page3.tif									

OP \$40.00 13324878

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made by Alexandru A. Ciubotaru; Jerry T. Bolton, Jr.; and Steven P. Hoggarth (hereinafter referred to as Assignors), residing at 7410 NW 4th Street, Apt. 307, Plantation, Florida 33317; 510 NW 84th Avenue, Apt. 329, Plantation, Florida 33324; and 4655 NW Goth Lane, Coral Springs, Florida 33067, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in MULTIPHASE LOCAL OSCILLATOR GENERATOR CIRCUIT FOR A BROADBAND TUNER DEVICE, set forth in a Patent application for Letters Patent of the United States, filed December 13, 2011 and assigned serial no. 13/324,878; and

WHEREAS, CSR Technology Inc., a Corporation organized under and pursuant to the laws of Delaware having its principal place of business at 1390 Kifer Road, Sunnyvale, California 94086 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and

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delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

FULBRIGHT & JAWORSKI L.L.P.

All practitioners at Customer Number 000029053

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

Date: 12/09/2011

Signature: 
Alexandru A. Ciubotaru

Date: 12/09/2011

Signature: 
Jeffrey T. Bolton, Jr.

Date: 12-9-2011

Signature: 
Steven P. Hoggarth