PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAVID JENNINGS WICKER JR.	06/26/2014
THOMAS ALEXANDER	07/08/2014

RECEIVING PARTY DATA

Name:	IXIA	
Street Address:	26601 W. AGOURA ROAD	
City:	CALABASAS	
State/Country:	CALIFORNIA	
Postal Code:	91302	

PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	14308680		

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Email: jjones@jwth.com
Correspondent Name: GREGORY A. HUNT

Address Line 1: 3100 TOWER BOULEVARD

Address Line 2: SUITE 1200, UNIVERSITY TOWER
Address Line 4: DURHAM, NORTH CAROLINA 27707

ATTORNEY DOCKET NUMBER:	1424/169
NAME OF SUBMITTER:	GREGORY A. HUNT
SIGNATURE:	/Gregory A. Hunt/
DATE SIGNED:	08/25/2014

Total Attachments: 4

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PATENT 502949008 REEL: 033602 FRAME: 0715

Atty. Docket No.: 1424/169

ASSIGNMENT

WHEREAS, we, David Jennings Wicker, Jr. of Hillsboro, Oregon and Thomas Alexander of Mulino, Oregon (hereinafter "Assignors"), have invented certain new and useful improvements in SYSTEMS AND METHODS FOR IMPROVED WIRELESS CHANNEL ESTIMATION (hereinafter "Invention") for which application for a U.S. Patent was made on June 18, 2014 as Serial No. 14/308,680 (hereinafter "Application").

AND, WHEREAS, Ixia, a corporation duly organized and existing under the laws of the state of California, having its principal office and place of business at 26601 W. Agoura Road, Calabasas, California 91302 (hereinafter "Assignee"), is desirous of acquiring an interest therein.

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignors have sold and by these presents do hereby sell, assign, transfer and convey unto the Assignee, its successors and assigns, their entire right, title and interest in and to the Invention and Application, and in and to any and all foreign patent applications filed on the Invention, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof which may be granted therefor or thereon (hereinafter, "Patents"), for the full end of the term for which said Letters Patent may be granted, together with their right to claim the priority of the Application in all countries in accordance with the Paris Convention, the Patent Cooperation Treaty, or other agreement or national law under which priority can be claimed, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignors if this Assignment and sale had not been made. It is expressly agreed by both Assignors and Assignee that this Assignment fully conveys and

> PATENT REEL: 033602 FRAME: 0716

Atty. Docket No.: 1424/169

transfers from Assignors to Assignee the right to sue for any and all patent infringement occurring prior to the date of this Assignment.

Assignors hereby request that said Letters Patent be issued in accordance with this Assignment.

Assignors further covenant and agree that, at the time of the execution and delivery of these presents, Assignors possess the unencumbered right and authority to make this Assignment.

Assignors further covenant and agree, and likewise bind their heirs, legal representatives and assigns, to promptly communicate to said Assignee or its representatives any facts known to them relating to the Invention, to testify and/or assist as requested by the Assignee in any interference or legal proceedings involving the Application, Patents, or Invention, including cooperating in any enforcement proceedings involving the Application, Patents, or Invention, to execute any additional papers which may be requested to confirm the right of the Assignee, its representatives, successors and assigns to secure patent or similar protection for the Invention in all countries and to vest in the Assignee complete title to the Invention and Letters Patent, without further compensation, but at the expense of said Assignee, its successors, assigns and other legal representatives.

Atty. Docket No.: 1424/169

Executed this 26	day of _	June	2014.
		David Jennin	gs Wicker, Jr.
Witnessed by:			
John A. Kormack	6/26	//*)	car.
Name	Date		
Alm A Tejensh Name	6/26/ Date	<u>/14</u>	
	* * * * *	* * * *	
Executed this	day of		2014.
		Thomas Alex	mder
Witnessed by:			
Benjamia Atlan		1-2-1-4	
Name	Date		
Beizin Alebal		126/14	
Name	Date		

Atty. Docket No.: 1424/169 Executed this _____ day of _ 2014. David Jennings Wicker, Jr. Witnessed by: Date Name Date Name Executed this _ 2014. Thomas Alexander Witnessed by:

Date
