

PATENT ASSIGNMENT COVER SHEET

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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>ANTHONY L SASAK</td><td>04/10/2013</td></tr><tr><td>CHRISTOPHER V O'BRIEN</td><td>04/10/2013</td></tr></tbody></table>	Name	Execution Date	ANTHONY L SASAK	04/10/2013	CHRISTOPHER V O'BRIEN	04/10/2013	
Name	Execution Date						
ANTHONY L SASAK	04/10/2013						
CHRISTOPHER V O'BRIEN	04/10/2013						
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City:	NAPERVILLE						
State/Country:	ILLINOIS						
Postal Code:	60563						
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>15006955</td></tr></tbody></table>	Property Type	Number	Application Number:	15006955			
Property Type	Number						
Application Number:	15006955						
CORRESPONDENCE DATA							
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DATE SIGNED:	01/26/2016						
Total Attachments: 2							
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PATENT
REEL: 037602 FRAME: 0760

ASSIGNMENT

WHEREAS, we,

Anthony L. Sasak, a citizen of United States of America, residing at 1508 W. Saint James Place, Arlington Heights, IL, 60005, USA,

Christopher V. O'Brien, a citizen of United States of America, residing at 607 Pinewood Drive, North Aurora, IL, 60542, USA, has made an invention in:

**METHODS AND APPARATUS FOR PROVIDING TIMING ANALYSIS FOR
PACKET STREAMS OVER PACKET CARRIERS**

for which we have executed application papers for a U.S. patent thereon; and

WHEREAS, Tellabs Operations, Inc., a Delaware Corporation, having a place of business located at 1415 West Diehl Road, Naperville, IL 60563, USA, is desirous of acquiring the exclusive right, title and interest in and to said invention and in and to the Letters Patent to be granted and issued therefore in the United States of America and its territories and possessions, and all countries foreign thereto;

NOW, THEREFORE, for a valuable consideration, the receipt of which is hereby acknowledged, we, Anthony L. Sasak, and Christopher V. O'Brien do sell, assign, transfer and set over unto the said Tellabs Operations, Inc., its successors and assigns the full and exclusive right, title and interest in and to said invention, and in and to any and all Letters Patent to be granted and issued therefore, not only for, to and in the United States of America, its territories and possessions, but also for, to and in all other countries including all priority rights under the International Convention; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said Tellabs Operations, Inc., its successors and assigns, in accordance with this Assignment. IN TESTIMONY WHEREOF, we have hereunto signed our names on the date indicated hereinafter:

Re: U.S. Patent Application entitled:

**METHODS AND APPARATUS FOR PROVIDING TIMING ANALYSIS FOR
PACKET STREAMS OVER PACKET CARRIES**

1) Inventor: Anthony L. Sasak

Signature: Anthony L. Sasak Date: 07/10/2013
Anthony L. Sasak

Witness: [Signature] Date: 9/10/2013

Witness: Mark Gold Date: 07/14/2013

2) Inventor: Christopher V. O'Brien

Signature: Christopher V. O'Brien Date: 07/10/2013
Christopher V. O'Brien

Witness: [Signature] Date: 9/10/2013

Witness: Mark Gold Date: 07/10/2013