

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2875784

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CHAKRAVARTHI CHIGURAPTI	05/17/2012
PAWAN UBEROY	05/17/2012
SOMNATH MANI	06/05/2012
PRAVEEN MADHAV	05/17/2012
DUNCAN STUART RITCHIE	11/10/2010
SEBASTIAN SAPA	05/30/2012
RECEIVING PARTY DATA	
Name:	TELLABS OPERATIONS, INC.
Street Address:	1415 WEST DIEHL ROAD
City:	NAPERVILLE
State/Country:	ILLINOIS
Postal Code:	60563
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14290139
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	1057.P0054D1
NAME OF SUBMITTER:	MARIAH TURNER
SIGNATURE:	/Mariah Turner/
DATE SIGNED:	05/29/2014
Total Attachments: 6	

PATENT

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ASSIGNMENT

WHEREAS, we,

Chakravarthi Chigurapti, a citizen of United States of America, residing at 818 E.

Meadow Dr., Palo Alto, CA, 94301, USA,

Pawan Uberoy, a citizen of United States of America, residing at 1819 Montage Court,

San Jose, CA, 95131, USA,

Somnath Mani, a citizen of United States of America, residing at 983 East River Pkwy.,

Santa Clara, CA, 95054, USA,

Praveen Madhav, a citizen of, United States of America, residing at 1456 Miller Ave.,

San Jose, CA, 95129, USA

Duncan Stuart Ritchie, a citizen of Canada, residing at RR #1-U4, Bowen Island, British

Columbia, V0N 1G0, Canada, and

Sebastian Sapa, a citizen of Canada, residing at #301 – 2121 Alma St., Vancouver,

British Columbia, V6R 3R1, Canada

have made an invention in:

METHODS AND APPARATUS FOR IMPROVING RELIABILITY OF POINT-TO-POINT NETWORK CONNECTION

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

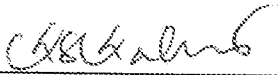
WHEREAS, Tellabs Operations, Inc., a Delaware Corporation, having a place of business located at 1415 West Diehl Road, Naperville, IL 60563, USA, is desirous of acquiring the exclusive right, title and interest in and to said invention and in and to the Letters Patent to be granted and issued therefore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

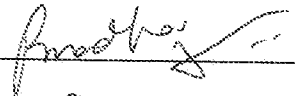
NOW, THEREFORE, for a valuable consideration, the receipt of which is hereby acknowledged, we, Chakravarthi Chigurapti, Pawan Uberoy, Somnath Mani, Praveen Madhav, Duncan Stuart Ritchie, and Sebastian Sapa, do sell, assign, transfer and set over unto the said Tellabs Operations, Inc., its successors 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 PERFORMING IN-SERVICE SOFTWARE
UPGRADE FOR A NETWORK DEVICE USING SYSTEM VIRTUALIZATION**

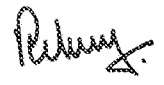
1) Inventor: **Chakravarthi S. Chigurupati**

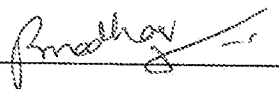
Signature:  Date: 5/17/2012
Chakravarthi S. Chigurupati

Witness:  Date: 5/17/2012

Witness:  Date: 5/17/12

2) Inventor: **Pawan Uberoy**

Signature:  Date: 5/17/12
Pawan Uberoy

Witness:  Date: 5/17/2012

Witness:  Date: 5/17/2012

3) Inventor: **Somnath Mani**

Signature: _____ Date: _____
Somnath Mani

Witness: _____ Date: _____

Witness: _____ Date: _____

Re: U.S. Patent Application entitled:

**METHODS AND APPARATUS FOR PERFORMING IN-SERVICE SOFTWARE
UPGRADE FOR A NETWORK DEVICE USING SYSTEM VIRTUALIZATION**

1) Inventor: **Chakravarthi S. Chigurupati**

Signature: _____ Date: _____
Chakravarthi S. Chigurupati

Witness: _____ Date: _____

Witness: _____ Date: _____

2) Inventor: **Pawan Uberoy**

Signature: _____ Date: _____
Pawan Uberoy

Witness: _____ Date: _____

Witness: _____ Date: _____

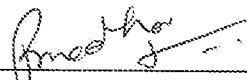
3) Inventor: **Somnath Mani**

Signature: Somnath Date: 06/05/2012
Somnath Mani

Witness: [Signature] Date: 6/5/12

Witness: [Signature] Date: 6/5/12

4) Inventor: **Praveen Madhav**

Signature:  Date: 5/17/2012
Praveen Madhav

Witness:  Date: 5/17/12

Witness:  Date: 5/17/2012

5) Inventor: **Duncan Stuart Ritchie**

Signature: _____ Date: _____
Duncan Stuart Ritchie

Witness: _____ Date: _____

Witness: _____ Date: _____

6) Inventor: **Sebastian Sapa**

Signature: _____ Date: _____
Sebastian Sapa

Witness: _____ Date: _____

Witness: _____ Date: _____

4) Inventor: **Praveen Madhav**

Signature: _____ Date: _____

Praveen Madhav

Witness: _____ Date: _____

Witness: _____ Date: _____

5) Inventor: **Duncan Stuart Ritchie**

Signature: _____ Date: _____

Duncan Stuart Ritchie

Witness: _____ Date: _____

Witness: _____ Date: _____

6) Inventor: **Sebastian Sapa**

Signature: _____ Date: 30/5/2012

Sebastian Sapa

Witness: _____ Date: 30/5/2012

James Pang

Witness: _____ Date: 30/5/2012

HONGGANG XI