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PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3491018

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HOWARD JOHN THOMAS	08/11/2015
MIHAI STANCIUC	08/14/2015
DAVID CHARLES PADFIELD	08/18/2015
ROBERT EDWARD TRYBULEC	08/12/2015
DR. PETER RANDALL	08/05/2015

RECEIVING PARTY DATA

Name:	JDSU UK LIMITED
Street Address:	ASTOR HOUSE, NEWBURY BUSINESS PARK, LONDON ROAD, NEWBURY
City:	BERKSHIRE
State/Country:	UNITED KINGDOM
Postal Code:	RG14 2PZ

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14808619

CORRESPONDENCE DATA

Fax Number: (571)432-0808

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.

Phone: 5714320800

Email: aboice@harrityllp.com **Correspondent Name:** HARRITY & HARRITY, LLP Address Line 1: 11350 RANDOM HILLS ROAD

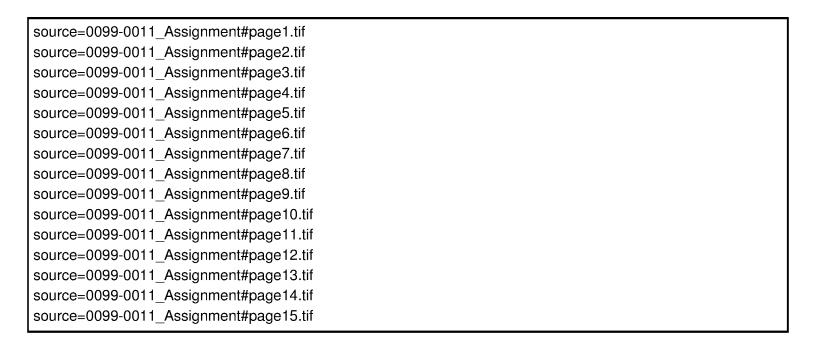
Address Line 2: SUITE 600

Address Line 4: FAIRFAX, VIRGINIA 22030

NAME OF SUBMITTER:	JAMES M. OLSEN
SIGNATURE: //	/James M. Olsen, Reg. No. 40,408/
DATE SIGNED:	08/20/2015

Total Attachments: 15

PATENT REEL: 036379 FRAME: 0120



PATENT REEL: 036379 FRAME: 0121

THIS ASSIGNMENT, by <u>Howard John THOMAS</u>, <u>Mihai STANCIUC</u>, <u>David Charles PADFIELD</u>, <u>Robert Edward TRYBULEC</u>, and <u>Dr. Peter RANDALL</u> residing at <u>Whitecroft</u>, <u>Middleyard</u>, <u>Stonehouse</u>, <u>GL10 3QQ GB</u>, <u>6 Discovery Court</u>, <u>Catherine Road</u>, <u>Newbury</u>, <u>Berkshire</u>, <u>RG14 7NS GB</u>, <u>9 Hawkins Meadow</u>, <u>Marlborough</u>, <u>Wiltshire</u>, <u>SN8 1UR</u>, <u>GB</u>, <u>24 Lamtarra Way</u>, <u>Newbury</u>, <u>Berkshire</u>, <u>RG14 7WB GB</u>, and <u>Highfield House</u>, <u>Church Lane</u>, <u>Longworth</u>, <u>Abingdon</u>, <u>OX13 5DX GB</u> (hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in <u>SELF-OPTIMIZING NETWORK (SON) SYSTEM FOR MOBILE NETWORKS</u> set forth in an application for Letters Patent of the United States,

(1)	which is a provisional application (a) filed herewith; or (b) bearing Application No, and filed on; or
(2)	which is a non-provisional application (a) bearing Application No. 14/808,619, and filed on July 24, 2015; or (b) filed herewith; and

We hereby authorize Applicants' representative to fill in the preceding information relating to the filing date and/or serial number, as appropriate.

WHEREAS, JDSU UK Limited, having its principal place of business at Astor House, Newbury Business Park, London Road, Newbury, Berkshire, RG14 2PZ, United Kingdom (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including any previously or subsequently filed provisional applications, for Letters Patent of the United States or other countries claiming priority to said application or from which said application claims priority, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, be it known that for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, provisional applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

Joint Assignment Attorney's Docket No.: 0099-0011

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, 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 Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the

Howard John THOMAS	Witness Signature
Date: 11th Aug 2015	WALTEN FEATUERSTONE Witness Name
Mihai STANCIUC	Witness Signature
Date:	Witness Name
David Charles PADFIELD Date:	Witness Signature
	Witness Name
Robert Edward TRYBULEC Date:	Witness Signature Witness Name
Dr. Peter RANDALL	Witness Signature

Witness Name

Date: ____

THIS ASSIGNMENT, by Howard John THOMAS, Mihai STANCIUC, David Charles PADFIELD, Robert Edward TRYBULEC, and Dr. Peter RANDALL residing at Whitecroft, Middleyard, Stonehouse, GL10 3QQ GB, 6 Discovery Court, Catherine Road, Newbury, Berkshire, RG14 7NS GB, 9 Hawkins Meadow, Marlborough, Wiltshire, SN8 1UR, GB, 24 Lamtarra Way, Newbury, Berkshire, RG14 7WB GB, and Highfield House, Church Lane, Longworth, Abingdon, OX13 5DX GB (hereinafter referred to as "the Assignors"), respectively, witnesseth:

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Howard John THOMAS	Witness Signature
Date:	Witness Name
Mihai STANCIUC	Witness Signature
Date: 14.08.2015	P. RAUDALL Witness Name
David Charles PADFIELD	Witness Signature /
Date:	Witness Name
D.L. (D.L. (
Robert Edward TRYBULEC	Witness Signature
Date:	Witness Name
Dr. Peter RANDALL	Witness Signature
Date:	Witness Name

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Howard John THOMAS	Witness Signature
Date:	Witness Name
Mihai STANCIUC	Witness Signature
Date:	Witness Name
David Charles PADRIELD	Witness Signature
Date: 18-Aug-2015	Witness Name
Robert Edward TRYBULEC	Witness Signature
Date:	Witness Name
Dr. Peter RANDALL	Witness Signature
Date:	Witness Name

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	Witness Signature
Howard John THOMAS	Withest Digital ac
Date:	Witness Name
	wittless Name
Mihai STANCIUC	Witness Signature
Date:	
	Witness Name
그 그 이 그는 그를 가는 바다 그 나는 그를 다 그 때문에 그를 다 그를 다 그 때문에 그를 다 그 때문에 그를 다 그를 다 그 때문에 그를 다 그 때문에 그를 다 그 때문에 그를 다 그를 다 그 때문에 그를 다 그를 다 그 때문에 그로 그 때문에 그로 그로 그 때문에 그를 다 그 때문에 그로 그로 그 때문에 그로 그로 그 때문에 그로 그로 그 때문에 그로 그 때문에 그로 그 때문에 그로 그로 그 때문에 그로 그로 그 때문에 그로 그로 그 때문에 그로 그 때문에 그로 그로 그 때문에 그로	
David Charles PADFIELD	Witness Signature
Date:	
Pater	Witness Name
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Robert Faward TRYBULEC	Witness Signature
0/8/15	
Date: 12/8/15	STEPHAME ONEN Witness Name
	Witness Name
Dr. Peter RANDALL	Witness Signature
Date:	

THIS ASSIGNMENT, by Howard John THOMAS, Mihai STANCIUC, David Charles PADFIELD, Robert Edward TRYBULEC, and Dr. Peter RANDALL residing at Whitecroft, Middleyard, Stonehouse, GL10 3QQ GB, 6 Discovery Court, Catherine Road, Newbury, Berkshire, RG14 7NS GB, 9 Hawkins Meadow, Marlborough, Wiltshire, SN8 1UR, GB, 24 Lamtarra Way, Newbury, Berkshire, RG14 7WB GB, and Highfield House, Church Lane, Longworth, Abingdon, OX13 5DX GB (hereinafter referred to as "the Assignors"), respectively, witnesseth:

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Howard John THOMAS	Witness Signature
Date:	Witness Name
Mihai STANCIUC	Witness Signature
Date:	Witness Name
David Charles PADFIELD	Witness Signature
Date:	Witness Name
Robert Edward TRYBULEC	Witness Signature
Date:	Witness Name Witness Signature
Date: 5/8/15	James Walters Witness Name