503351351 06/16/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3397972

IN\ her	orrective Assignment to correct the MIDDLE NAME OF THE SIXTH VENTOR previously recorded on Reel 035704 Frame 0840. Assignor(s) creby confirms the ASSIGNMENT SHOWS THE CORRECT MIDDLE AME.

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL FLANAGAN	04/02/2015
NICHOLAS JAMES RANDELL	04/25/2015
MOHSEN ZADEH-KOOCHAK	04/02/2015
DAVID CHARLES PADFIELD	04/07/2015
MIHAI STANCIUC	04/22/2015
HOWARD JOHN THOMAS	04/07/2015

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14599837

CORRESPONDENCE DATA

Fax Number: (613)523-6799

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: 613-523-3784 EXT.102 Email: annette@patents.org

Correspondent Name: TEITELBAUM & MACLEAN Address Line 1: 280 SUNNYSIDE AVENUE

Address Line 4: OTTAWA, ONTARIO, CANADA K1S 0R8

ATTORNEY DOCKET NUMBER: 54-35 US	
NAME OF SUBMITTER:	MELANIE BUDARICK
SIGNATURE:	/Melanie Budarick/

PATENT 503351351 REEL: 035919 FRAME: 0476

DATE SIGNED:	06/16/2015	
Total Attachments: 9		
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source=54-35 US Assignment with correction marked#page9.tif		

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3366942

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL FLANAGAN	04/02/2015
NICHOLAS JAMES RANDELL	04/25/2015
MOHSEN ZADEH-KOOCHAK	04/02/2015
DAVID CHARLES PADFIELD	04/07/2015
MIHAI STANCIUC	04/22/2015
HOWARD JAMES THOMAS	04/07/2015

RECEIVING PARTY DATA

Name:	JDSU UK LIMITED
Street Address:	ASTOR HOUSE, NEWBURY BUSINESS PARK, LONDON ROAD,
City:	NEWBURY, WEST BERKSHIRE
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Correspondent Name: TEITELBAUM & MACLEAN Address Line 1: 280 SUNNYSIDE AVENUE

Address Line 4: OTTAWA, ONTARIO, CANADA K1S 0R8

ATTORNEY DOCKET NUMBER:	54-35 US
NAME OF SUBMITTER:	MELANIE BUDARICK
SIGNATURE:	/Melanie Budarick/
DATE SIGNED: 05/25/2015	
Total Attachments, C	

Total Attachments: 6

File No: 54-35 US

ASSIGNMENT OF INVENTION UNIVERSAL

WHEREAS, I/we Michael FLANAGAN; Nicholas James RANDELL; Mohsen ZADEH-KOOCHAK; David Charles PADFIELD; Mihai STANCIUC; and Howard John THOMAS, whose full post office address(es) is/are 9 Cora Lane, Chester, New Jersey, 07930, U.S.A.; Oakridge, Blacknest Road, Blacknest, Alton, Hants, GU34 4PZ, United Kingdom; Bryer, Tile Barn, Woolton Hill, RG20 9UX, United Kingdom; 9 Hawkins Meadow, Marlborough, Wiltshire, SN8 1UR, United Kingdom; Flat 6, Discovery Court, Catherine Road, Newbury, RG14 7NS, United Kingdom; and Whitecroft, Middleyard, Stonehouse, GL10 3QQ, United Kingdom, respectively, have made an invention as described in the patent application entitled

TECHNIQUES FOR DYNAMIC NETWORK OPTIMIZATION USING GEOLOCATION AND NETWORK MODELING

filed herewith.

I/we hereby authorize my/our attorney to insert here in parentheses (Application Number 14/599,837, filed January 19, 2015), the filing date and application number of said application, when known.

WHEREAS, JDSU UK Limited (hereinafter referred to as the assignee), whose full post office address is Astor House, Newbury Business Park, London Road, Newbury, Berkshire RG14 2PZ, United Kingdom is desirous of acquiring the entire right, title and interest in and to said invention or inventions and in and to any and all patents to be obtained therefor;

NOW, THEREFORE, To All Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we have and by these presents do hereby sell, assign and transfer unto said assignee, its successors

described in the aforesaid application, in any form or embodiment thereof, and in and to the aforesaid application, and in and to any applications filed in any foreign country based thereon, including the right to file said foreign applications under the provisions of the International Convention; also the entire right, title and interest in and to any and all patents, reissues or extensions thereof to be obtained in this or any foreign country upon said invention or inventions, and any divisional, continuation, substitute application(s) or supplementary disclosure(s) which may be filed upon said invention or inventions, in any country; and I/we hereby authorize and request the issuing authority to issue any and all patents on said application or applications to said assignee.

I/We hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that wilful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such wilful false statements may jeopardize the validity of the application or any patent issued thereon.

Executed this 2 day of $4p_1$, 2015.
at Chester NJ	USA.
(place)	Ma SHA
	Michael FLANAGAN

Declaration by Witness

I, TEANNINE FLANAGAI, whose full post office address is 9 CORA LANE CHESTER NJ say:

That I was personally present and did see **Michael FLANAGAN**, who is personally known to me, duly sign and execute the above Assignment.

Signature of Witne

Executed this 25 day of 9PP1L	, 2015.
at OAKRIBEE, BLACKNEST R (place)	Can Guz.
(place)	34, 4,172
	June June
	Nicholas James RANDELL
Declar	ation by Witness
I, JAIN MARSDEN	whose full post office address in
1281 CULLINATER PERE CIRCLE ATLANT	whose full post office address is w. USA say:
That I was personally present as personally known to me, duly sign and executed this day of at (place)	nd did see Nicholas James RANDELL, who is cute the above Assignment. Signature of Witness
	Mohsen ZADEH-KOOCHAK
Declara	ation by Witness
L,	, whose full post office address is
	Siy
That I was personally present and personally known to me, duly sign and execute the second se	d did see Mohsen ZADEH-KOOCHAK, who is ute the above Assignment.
	Signature of Witness

at (place)	
(place)	
	Nicholas James RANDELL
Declaratio	n by Witness
Ι,	, whose full post office address
That I was personally present and opersonally known to me, duly sign and execute	did see Nicholas James RANDELL, who the above Assignment.
	Signature of Witness
executed this 2nd day of April, 20 t New Lung (place)	Mohsen ZADEH-KOOCHAK
Declaration	a by Witness
I, ANDREW RICHARDSON	, whose full post office address
7 LOWBROOK DRIVE, MAIDENHER	
	d see Mohsen ZADEH KOOCHAR

Executed this 7 day of April , 2015. at Verification (place) David Charles PADFIELD
Declaration by Witness
I, ANDREW RICHARDSON, whose full post office address is &7 LOWB ROOK DRIVE, MAICHNHEAD say:
That I was personally present and did see David Charles PADFIELD , who is personally known to me, duly sign and execute the above Assignment.
Signature of Witness
Executed this 22 day of April , 2015. at
Declaration by Witness
I, ANDREW RICHANDSON, whose full post office address is 27 LOWBROOK DRIVE, MAIDENHEAD say:
That I was personally present and did see Mihai STANCIUC, who is personally known to me, duly sign and execute the above Assignment. Signature of Witness

Executed this 7th day of April , 2015. at Newbury (place) Howard John THOMAS
Declaration by Witness
I, ANDREW RICHARDSON, whose full post office address is 27 LOWBROOK DRIVE, MAIDENHEAD say:
That I was personally present and did see Howard John THOMAS , who is personally known to me, duly sign and execute the above Assignment. Signature of Witness