

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT5310985

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
BACK BAY DATA SOLUTIONS, INC.	12/28/2018
RECEIVING PARTY DATA	
Name:	IANDE GROUP, LLC
Street Address:	888 W E ST. UNIT 2804
City:	SAN DIEGO
State/Country:	CALIFORNIA
Postal Code:	92101-6115
PROPERTY NUMBERS Total: 18	
Property Type	Number
Patent Number:	6731833
Patent Number:	6968098
Patent Number:	6835002
Patent Number:	6800856
Patent Number:	6680776
Patent Number:	6614982
Patent Number:	7190509
Patent Number:	7872394
Patent Number:	7050669
Patent Number:	7177497
Patent Number:	7460294
Patent Number:	7777961
Patent Number:	7548682
Patent Number:	8022379
Patent Number:	7386201
Patent Number:	7734127
Patent Number:	8218918
Patent Number:	8691099
CORRESPONDENCE DATA	

Fax Number: (760)820-4186

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.

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Correspondent Name: JOHN R. ROSS, III

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NAME OF SUBMITTER:	JOHN R ROSS, III
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SIGNATURE:	/jrr/
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DATE SIGNED:	01/07/2019
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	This document serves as an Oath/Declaration (37 CFR 1.63).
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Total Attachments: 4

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ASSIGNMENT OF INVENTION AND PATENT APPLICATION

For value received, BACK BAY DATA SOLUTIONS, INC. (hereinafter assignor(s)) hereby sells, assigns, transfers and sets over unto

IANDE GROUP, LLC
(with offices at 888 W E St. Unit 2804, San Diego, CA 92101-6115)

and its successors or assigns (hereinafter assignee), all of assignor's right, title and interest in the following:

- (A) the Inventions and Patent Applications identified in Attachment A;
- (B) any patent or reissues of any patent that may be granted thereon; and
- (C) any applications which are continuations, continuations-in-part, substitutions, or divisions of said application.

Assignor(s) hereby further sells, assigns, transfers, and sets over unto assignee, assignor's entire right, title and interest in and to said inventions in each and every country foreign to the United States; and assignor(s) further conveys to assignee the priority rights resulting from the above-identified applications for United States patents. Assignors agree to execute all papers, give any required testimony and perform other lawful acts, at assignee's expense, as assignee may require to enable assignee to perfect assignee's interest in any resulting patent of the United States and countries foreign thereto, and to acquire, hold, enforce, convey, and uphold the validity of the said patent and reissues and extensions thereof, and assignee's interest therein.

In testimony whereof assignor has executed this Assignment on the date stated.



Ali Malihi
Chairman and Director
BACK BAY DATA SOLUTIONS, INC.

December 28th 2018
Date

Attachment A
U.S. Patents

APPLICATION NUMBER: 09834731 FILING DATE: 04/13/2001
PATENT NUMBER: 6835002 ISSUE DATE: 12/28/2004
TITLE: APPARATUS AND METHOD FOR ALIGNING FIBER ARRAYS

APPLICATION NUMBER: 09846879 FILING DATE: 04/30/2001
PATENT NUMBER: 6731833 ISSUE DATE: 05/04/2004
TITLE: OPTICAL CROSS CONNECT SWITCH

APPLICATION NUMBER: 09960223 FILING DATE: 09/20/2001
PATENT NUMBER: 6968098 ISSUE DATE: 11/22/2005
TITLE: METHOD FOR PROVIDING VARIABLE OPTICAL ATTENUATION

APPLICATION NUMBER: 09960267 FILING DATE: 09/20/2001
PATENT NUMBER: 6800856 ISSUE DATE: 10/05/2004
TITLE: LIGHT SAMPLING SYSTEM

APPLICATION NUMBER: 09960274 FILING DATE: 09/20/2001
PATENT NUMBER: 6680776 ISSUE DATE: 01/20/2004
TITLE: METHOD AND APPARATUS FOR SENSING A POWER LEVEL OF A COMMUNICATIONS BEAM IN A FIBER OPTIC SWITCH

APPLICATION NUMBER: 09960616 FILING DATE: 09/20/2001
PATENT NUMBER: 6614982 ISSUE DATE: 09/02/2003
TITLE: VARIABLE OPTICAL ATTENUATOR

APPLICATION NUMBER: 10045459 FILING DATE: 11/07/2001
PATENT NUMBER: 7190509 ISSUE DATE: 03/13/2007
TITLE: OPTICALLY ADDRESSED MEMS

APPLICATION NUMBER: 10319403 FILING DATE: 12/12/2002
PATENT NUMBER: 7872394 ISSUE DATE: 01/18/2011
TITLE: MEMS DEVICE WITH TWO AXES COMB DRIVE ACTUATORS

APPLICATION NUMBER: 10838070 FILING DATE: 05/03/2004
PATENT NUMBER: 7050669 ISSUE DATE: 05/23/2006
TITLE: OPTICAL CROSS CONNECT SWITCH WITH AXIAL ALIGNMENT BEAM

APPLICATION NUMBER: 11174041 FILING DATE: 06/29/2005
PATENT NUMBER: 7177497 ISSUE DATE: 02/13/2007
TITLE: POROUS SILICON FILTER FOR WAVELENGTH MULTIPLEXING OR DE-MULTIPLEXING

APPLICATION NUMBER: 11717373 FILING DATE: 03/12/2007
PATENT NUMBER: 7460294 ISSUE DATE: 12/02/2008
TITLE: OPTICALLY ADDRESSED MEMS

APPLICATION NUMBER: 11728335 FILING DATE: 03/26/2007
PATENT NUMBER: 7777961 ISSUE DATE: 08/17/2010
TITLE: OPTICAL SWITCH WITH CO-AXIAL ALIGNMENT BEAM

APPLICATION NUMBER: 11728344 FILING DATE: 03/26/2007
PATENT NUMBER: 7548682 ISSUE DATE: 06/16/2009
TITLE: OPTICAL FIBER ARRAY ALIGNMENT UNIT

APPLICATION NUMBER: 11728345 FILING DATE: 03/26/2007
PATENT NUMBER: 8022379 ISSUE DATE: 09/20/2011
TITLE: BEAM POSITION SENSOR FOR OPTICAL SWITCH MODULES

APPLICATION NUMBER: 11728362 FILING DATE: 03/26/2007
PATENT NUMBER: 7386201 ISSUE DATE: 06/10/2008
TITLE: MEMS MIRROR ARRAY AND CONTROLS
039266/0449

APPLICATION NUMBER: 11728435 FILING DATE: 03/26/2007
PATENT NUMBER: 7734127 ISSUE DATE: 06/08/2010
TITLE: OPTICAL SWITCH MODULE

APPLICATION NUMBER: 12661622 FILING DATE: 03/18/2010
PATENT NUMBER: 8218918 ISSUE DATE: 07/10/2012
TITLE: OPTICAL FIBER SWITCH WITH MOVABLE LENS

APPLICATION NUMBER: 12930840 FILING DATE: 01/18/2011
PATENT NUMBER: 8691099 ISSUE DATE: 04/08/2014
TITLE: PROCESS FOR FABRICATING MEMS DEVICES

Foreign Patents/Applications

Country	App. No.	Patent No.	Title	Status
Japan		4846713	Optical Cross Connect Switch with Axial Alignment Beam	patented
China		200580018752.X	Optical Cross Connect Switch with Axial Alignment Beam	Patented
Europe	05745739.2		Optical Cross Connect Switch with Axial Alignment Beam	Pending
France		2153258	Optical Switch Module	Patented
Great Britain		2153258	Optical Switch Module	Patented
Germany		602008041827.8	Optical Switch Module	Patented
China		200880016629.8	Optical Switch Module	Patented
Japan		5366928	Optical Switch Module	Patented