504889047 04/27/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4935788

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WALTER A. O'BRIEN III	04/25/2018
MATTHEW J. BORSINI	04/25/2018

RECEIVING PARTY DATA

Name:	EMC IP HOLDING COMPANY LLC
Street Address:	176 SOUTH STREET
City:	HOPKINTON
State/Country:	MASSACHUSETTS
Postal Code:	01748

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15963420

CORRESPONDENCE DATA

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Correspondent Name: MUIRHEAD AND SATURNELLI, LLC

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ATTORNEY DOCKET NUMBER:	EMS-683US
NAME OF SUBMITTER:	ANNE E. SATURNELLI
SIGNATURE:	/Anne E. Saturnelli/
DATE SIGNED:	04/27/2018

Total Attachments: 3

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PATENT 504889047 REEL: 045654 FRAME: 0299

Attorney Docket No.: EMS-683US EMC Docket No.: 110368.01

ASSIGNMENT

WHEREAS, we, Walter A. O'BRIEN and Matthew J. BORSINI, have invented an invention comprising and/or embodying certain improvements or discoveries or both as described in an application for Letters Patent of the United States entitled FLEXIBLE I/O SLOT CONNECTIONS, the specification of which:

[^]	is being executed on ev	en date nerewith and is about to be filed in the Unit	ed States
	Patent Office;		
[]	was filed on	as U.S. Application No;	
[]	was patented under U.S	5. Patent Noon	·

WHEREAS, EMC IP HOLDING COMPANY LLC (hereinafter "ASSIGNEE"), which is a corporation organized and existing under the laws of Delaware and having a usual place of business at 176 South Street, Hopkinton, Massachusetts 01748 desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged. we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey to ASSIGNEE all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved:

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

PATENT REEL: 045654 FRAME: 0300

Attorney Docket No.: EMS-683US EMC Docket No.: 110368.01

AND, we hereby authorize attorneys of Muirhead and Saturnelli, LLC to insert here in parenthesis (15/963,420 filed April 26, 2018) the application number and filing			
date of said Application (or foreign counterpart a processing of this Assignment.	pplication) to facilitate the recording or other official		
IN TESTIMONY WHEREOF, we have hereubelow:	unto set our hands and affixed our seals as set forth		
Date: 4/25/2016	Walle A Signature		
Print full name of first inventor:	Waiter A. O'BRIEN III		
Residence:	18 Brewer Drive		
	Westborough, MA 01581-3830		
Citizenship:	USA		
Mailing Address:	Same as above		
personally present and did see Master A, assignment) who is personally known to me, exercised the second se	ure of first witness)		
	ion of witness signature) . (date of signature)		
personally present and did see Wolfer A assignment) who is personally known to me, exe	e) whose residential address is A 01757 was O'RVICO W (name of person signing the cute the above assignment.		
Signed at 228 South St., Haplanton, A	(location of witness signature)		
on this day 25 April of 2018	. (date of signature)		

Attorney Docket No.: EMS-683US EMC Docket No.: 110368.01

Date: 4/25/2018	Mollin	TANK IN CO. MANAGEMENT AND A SECOND
	Inventor's Signature	
Print full name of second inventor:	Matthew J. BORSINI	
Residence:	5 Mashpee Circle	
	Northborough, MA 01532	
Citizenship:	USA	
Mailing Address:	Same as above	
personally present and did see	ute the above assignment. ure of first witness) on of witness signature)	was
personally present and did see <u>Muth Borsha</u> : assignment who is personally known to me, executive	(name of person signing the ute the above assignment.	was
Signed at 176 South St Hosking MA CI		
on this day 25th of April of 2018.		