

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT3427778

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
CAMERON INTERNATIONAL CORPORATION		12/19/2014
RECEIVING PARTY DATA		
Name:	INGERSOLL-RAND COMPANY	
Street Address:	800 E. BEATY STREET	
City:	DAVIDSON	
State/Country:	NORTH CAROLINA	
Postal Code:	28036	
PROPERTY NUMBERS Total: 44		
Property Type	Number	
Application Number:	08988845	
Application Number:	09282762	
Application Number:	09738059	
Application Number:	09818405	
Application Number:	09918119	
Application Number:	10769666	
Application Number:	12173710	
Application Number:	10178989	
Application Number:	11060857	
Application Number:	12835582	
Application Number:	12943793	
Application Number:	10889146	
Application Number:	11200613	
Application Number:	12534822	
Application Number:	12643262	
Application Number:	13104328	
Application Number:	14144459	
Application Number:	12944658	
Application Number:	13217202	
Application Number:	11356507	

PATENT

Property Type	Number
Application Number:	13952485
Application Number:	12525817
Application Number:	13791897
Application Number:	12992076
Application Number:	11956139
Application Number:	13540570
Application Number:	12121679
Application Number:	13952614
Application Number:	13386027
Application Number:	12839290
Application Number:	14144504
Application Number:	13522704
Application Number:	12701446
Application Number:	13975283
Application Number:	12839320
Application Number:	13955724
Application Number:	29492731
Application Number:	29492727
Application Number:	13906314
Application Number:	13906308
Application Number:	13906304
Application Number:	13906326
Application Number:	14145638
Application Number:	14220882

CORRESPONDENCE DATA

Fax Number: (317)713-3699

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: 317-713-3500

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Correspondent Name: LISA D. HARDEN

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Address Line 2: ONE INDIANA SQUARE, SUITE 2500

Address Line 4: INDIANAPOLIS, INDIANA 46204-2023

ATTORNEY DOCKET NUMBER:	IRND (CAMERON)
NAME OF SUBMITTER:	LISA D. HARDEN
SIGNATURE:	/Lisa D. Harden/
DATE SIGNED:	07/07/2015

Total Attachments: 8

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PATENT ASSIGNMENT

THIS PATENT ASSIGNMENT (this "Assignment") is made and entered into as of January 1, 2015 ("Effective Date") by and between **CAMERON INTERNATIONAL CORPORATION**, a Delaware corporation, with its principal office at 1333 W. Loop South, Suite 1700, Houston, TX 77027 ("Assignor"), and **INGERSOLL-RAND COMPANY**, a New Jersey corporation, with its principal office at 800 E. Beaty Street, Davidson, North Carolina 28036 ("Assignee").

WHEREAS, pursuant to the Acquisition Agreement (the "Acquisition Agreement" – capitalized terms used but not defined herein shall have the meaning therein)

WHEREAS, Assignor is the sole and exclusive owner of the entire right, title and, except for certain non-exclusive licenses identified in the Acquisition Agreement, interest in, to and under the patents and patent applications set forth on Schedule A hereof (collectively, the "Patents");

WHEREAS, pursuant to Section 5.2(g)(ii) of the Acquisition Agreement, Assignor wishes to assign to Assignee, and Assignee wishes to acquire from Assignor, all right, title and interest to the Patents; and

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor hereby sells, conveys, assigns, transfers and delivers to Assignee its entire right, title and interest in and to the Patents, free and clear of all Liens, including, without limitation, any inventions disclosed therein, and any continuations, divisions, continuations-in-part, reissues, reexaminations, extensions or foreign equivalents thereof, and including the subject matter of all claims which may be obtained therefrom, and all other corresponding rights that are or may be secured under the laws of the United States or any foreign country, now or hereafter in effect, for Assignee's own use and enjoyment, and for the use and enjoyment of Assignee's successors, assigns or other legal representatives, as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment had not been made, together with all income, royalties or payments due or payable as of the Effective Date or thereafter, including, without limitation, all claims for damages by reason of past, present or future infringement or other unauthorized use of any of the Patents, with the right to sue for, and collect the same for Assignee's own use and enjoyment and for the use and enjoyment of its successors, assigns or other legal representatives.

Assignor hereby requests the United States Commissioner of Patents and Trademarks and any equivalent foreign to record Assignee as the assignee and owner of the Patents.

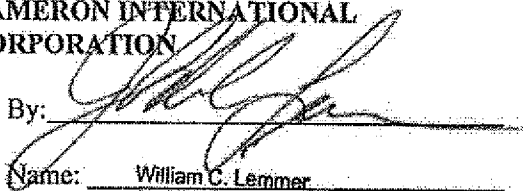
This Assignment shall be construed and interpreted in accordance with the laws of the State of Delaware without regard to any choice of law or conflict of law, choice of forum or

provision, rule or principle that might otherwise refer construction or interpretation of this Assignment to the substantive law of another jurisdiction.

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IN WITNESS WHEREOF, Assignor and Assignee have caused this Assignment to be executed by their duly authorized representatives as of the Effective Date.

CAMERON INTERNATIONAL
CORPORATION

By: 

Name: William C. Lemmer
Senior VP & General Counsel

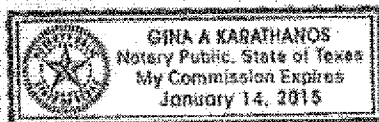
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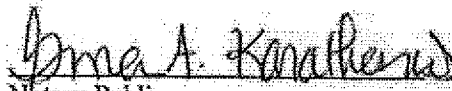
STATE OF TEXAS)

) SS.

COUNTY OF HARRIS)

On this 19th day of December, 2014, there appeared before me William C. Lemmer, personally known to me, who acknowledged that he/she signed the foregoing Assignment as his/her voluntary act and deed on behalf and with full authority of Cameron International Corporation.




Notary Public

[Signature page to Patent Assignment]

INGERSOLL-RAND COMPANY

By: Evan M. Tutz

Name: Evan M. Tutz

Title: Vice President and Secretary

STATE OF North Carolina)
COUNTY OF Mecklenburg) SS.

On this 15th day of Dec, 2014, there appeared before me Evan M. Tutz,
personally known to me, who acknowledged that he/she signed the foregoing Assignment as
his/her voluntary act and deed on behalf and with full authority of Ingersoll-Rand Company.

Christopher L. Stern

Notary Public

My Commission Expires 11/2/2019

Schedule A

Patents

See attached.

Title	Inventor	Country	Status	Application Number	Application Date	Patent Number	Grant Date
INTEGRAL SCROLL AND GEARBOX FOR A SMALL, ROBERT, KOLODZIEL, EPC		EPC	Pending Application	108744860.9	04/02/2008		
INTEGRAL SCROLL AND GEARBOX FOR A SMALL, ROBERT, KOLODZIEL, EPC		EPC	Pending Application	12006923.2	04/02/2008		
INTEGRAL SCROLL AND GEARBOX FOR A SMALL, ROBERT, KOLODZIEL, EPC		EPC	Pending Application	12006922.4	04/02/2008		
INTEGRAL SCROLL AND GEARBOX FOR A SMALL, ROBERT, KOLODZIEL, SING		SING	Granted Patent	200905468-0	04/02/2008	154790	12/31/2010
INTEGRAL SCROLL AND GEARBOX FOR A SMALL, ROBERT, KOLODZIEL, USA		USA	Granted Patent	12525817	04/02/2008	8393856	03/12/2013
INTEGRAL SCROLL AND GEARBOX FOR A SMALL, ROBERT, KOLODZIEL, USA		USA	Pending Application	13791897	04/02/2008		
GAS COMPRESSOR/MAGNETIC VALVE, NATHAN P. KOLODZIEL, BRAZ		BRAZ	Pending Application	10815340-9	04/02/2008		
GAS COMPRESSOR/MAGNETIC VALVE, NATHAN P. KOLODZIEL, CANA		CANA	Pending Application	2726294	04/29/2009		
GAS COMPRESSOR/MAGNETIC VALVE, NATHAN P. KOLODZIEL, EPC		EPC	Pending Application	10815340-9	04/29/2009		
GAS COMPRESSOR/MAGNETIC VALVE, NATHAN P. KOLODZIEL, USA		USA	Pending Application	12592276	04/29/2009		
HEAT EXCHANGER, CZECHOWSKI, EDWARD S., EPC		EPC	Pending Application	08558602.9	11/13/2008		
HEAT EXCHANGER, CZECHOWSKI, EDWARD S., USA		USA	Granted Patent	11956739	12/13/2007	8393960	03/12/2013
INTEGRATED ROTARY VALVE, CAVARELLO, JEFFREY M., USA		USA	Granted Patent	13640670	05/15/2008	8500454	09/24/2013
INTEGRATED ROTARY VALVE, CAVARELLO, JEFFREY M., BRAZ		BRAZ	Pending Application	10814240-3	05/15/2008		
INTEGRATED ROTARY VALVE, CAVARELLO, JEFFREY M., EPC		EPC	Pending Application	10815600-4	05/15/2008		
INTEGRATED ROTARY VALVE, CAVARELLO, JEFFREY M., SING		SING	Granted Patent	200908281-9	05/15/2008	157696	07/31/2012
INTEGRATED ROTARY VALVE, CAVARELLO, JEFFREY M., USA		USA	Granted Patent	12412679	05/15/2008	8499192	08/09/2013
INTEGRATED ROTARY VALVE, CAVARELLO, JEFFREY M., USA		USA	Pending Application	13952812	05/15/2008		
FLOW DISTRIBUTOR, NUCHERENO, MICHAEL, USA		USA	Pending Application	13262627	09/30/2011		
CENTRIFUGAL COMPRESSOR/DIFFUSER, BROWN, PAUL C., GRIGORIEV, CHIN		CHIN	Pending Application	2010041663-7	07/19/2010		
CENTRIFUGAL COMPRESSOR/DIFFUSER, BROWN, PAUL C., GRIGORIEV, RUSS		RUSS	Granted Patent	201210452-5	07/19/2010	2558714	01/27/2014
CENTRIFUGAL COMPRESSOR/DIFFUSER, BROWN, PAUL C., GRIGORIEV, USA		USA	Pending Application	13099802-5	07/19/2010		
CENTRIFUGAL COMPRESSOR/DIFFUSER, BROWN, PAUL C., GRIGORIEV, EPC		EPC	Pending Application	13002375-7	07/19/2010		
CENTRIFUGAL COMPRESSOR/DIFFUSER, BROWN, PAUL C., GRIGORIEV, EPC		EPC	Pending Application	13002376-5	07/19/2010		
CENTRIFUGAL COMPRESSOR/DIFFUSER, BROWN, PAUL C., GRIGORIEV, GERM		GERM	Granted Patent	10735151-2	07/19/2010	602010010948-6	10/05/2013
CENTRIFUGAL COMPRESSOR/DIFFUSER, BROWN, PAUL C., GRIGORIEV, GERM		GERM	Granted Patent	10735151-2	07/19/2010	2456984	10/05/2013
CENTRIFUGAL COMPRESSOR/DIFFUSER, BROWN, PAUL C., GRIGORIEV, ITAL		ITAL	Granted Patent	10735151-2	07/19/2010	2456984	10/05/2013
REMOVABLE THROAT MOUNTED INLET, CLEMONS, JONATHAN D., GERBER, CHIN		CHIN	Pending Application	20108004187-9	07/19/2010		
REMOVABLE THROAT MOUNTED INLET, CLEMONS, JONATHAN D., GERBER, RUSS		RUSS	Granted Patent	2012104624	07/19/2010	2508476	02/27/2014
REMOVABLE THROAT MOUNTED INLET, CLEMONS, JONATHAN D., GERBER, USA		USA	Pending Application	13396027	07/19/2010		
REMOVABLE THROAT MOUNTED INLET, CLEMONS, JONATHAN D., GERBER, EPC		EPC	Pending Application	14167593.4	07/19/2010		
REMOVABLE THROAT MOUNTED INLET, CLEMONS, JONATHAN D., GERBER, SWIT		SWIT	Granted Patent	10735152.0	07/19/2010	2456983	08/25/2014
REMOVABLE THROAT MOUNTED INLET, CLEMONS, JONATHAN D., GERBER, GERM		GERM	Granted Patent	10735152.0	07/19/2010	2456993	08/25/2014
REMOVABLE THROAT MOUNTED INLET, CLEMONS, JONATHAN D., GERBER, ITAL		ITAL	Granted Patent	10735152.0	07/19/2010	2456983	08/25/2014
REMOVABLE THROAT MOUNTED INLET, CLEMONS, JONATHAN D., GERBER, GERM		GERM	Granted Patent	10735152.0	07/19/2010	2456993	08/25/2014
DIFFUSER USING DETACHABLE VANES, BLAIR, NOEL, HERR, CHARLES F., EPC		EPC	Pending Application	1171728-6	04/19/2011		
DIFFUSER USING DETACHABLE VANES, BLAIR, NOEL, HERR, CHARLES F., JAPA		JAPA	Pending Application	2013-320701	04/19/2011		
DIFFUSER USING DETACHABLE VANES, BLAIR, NOEL, HERR, CHARLES F., CHIN		CHIN	Pending Application	2011003548-9-3	04/19/2011		
DIFFUSER USING DETACHABLE VANES, BLAIR, NOEL, HERR, CHARLES F., USA		USA	Granted Patent	12499290	07/19/2010	8676936	12/31/2013
DIFFUSER USING DETACHABLE VANES, BLAIR, NOEL, HERR, CHARLES F., USA		USA	Pending Application	141744504	07/19/2010		
NON-PERIODIC CENTRIFUGAL, GRIGORIEV, MIKHAIL, SWATEK, CHIN		CHIN	Pending Application	20108063218-1	11/30/2010		
NON-PERIODIC CENTRIFUGAL, GRIGORIEV, MIKHAIL, SWATEK, JAPA		JAPA	Pending Application	2012-551966	11/30/2010		
NON-PERIODIC CENTRIFUGAL, GRIGORIEV, MIKHAIL, SWATEK, EPC		EPC	Pending Application	10787644.3	11/30/2010		
NON-PERIODIC CENTRIFUGAL, GRIGORIEV, MIKHAIL, SWATEK, USA		USA	Pending Application	13522704	11/30/2010		
NON-PERIODIC CENTRIFUGAL, GRIGORIEV, MIKHAIL, SWATEK, KORS		KORS	Pending Application	10-2012-7020206	11/30/2010		
CENTRIFUGAL COMPRESSOR/DIFFUSER, GRIGORIEV, MIKHAIL, SWATEK, JAPA		JAPA	Pending Application	2012551965	11/30/2010		
CENTRIFUGAL COMPRESSOR/DIFFUSER, GRIGORIEV, MIKHAIL, SWATEK, CHIN		CHIN	Pending Application	20108063194-X	11/30/2010	8602728	12/10/2013
CENTRIFUGAL COMPRESSOR/DIFFUSER, GRIGORIEV, MIKHAIL, SWATEK, USA		USA	Granted Patent	12701442	02/05/2010		
CENTRIFUGAL COMPRESSOR/DIFFUSER, GRIGORIEV, MIKHAIL, SWATEK, KORS		KORS	Pending Application	10-2012-7019605	11/30/2010		
CENTRIFUGAL COMPRESSOR/DIFFUSER, GRIGORIEV, MIKHAIL, SWATEK, EPC		EPC	Pending Application	10787231-9	11/30/2010		
CENTRIFUGAL COMPRESSOR/DIFFUSER, GRIGORIEV, MIKHAIL, SWATEK, USA		USA	Pending Application	130975283	02/05/2010		
TURBOMACHINERY WITH INTEGRATED, CZECHOWSKI, EDWARD S., USA		USA	Pending Application	131009396	01/19/2011		

Title	Inventor	Country	Status	Application Number	Application Date	Patent Number	Grant Date
DIFFUSER HAVING DETACHABLE VANES	SMALL, ROBERT HERR, CHARLES	USA	Pending Application	2013-020702	07/19/2010		
DIFFUSER HAVING DETACHABLE VANES	SMALL, ROBERT HERR, CHARLES	EPC	Pending Application	11/17/1366	04/19/2011		
DIFFUSER HAVING DETACHABLE VANES	SMALL, ROBERT HERR, CHARLES	CHIN	Pending Application	20116035467.4	04/19/2011		
DIFFUSER HAVING DETACHABLE VANES	SMALL, ROBERT HERR, CHARLES	USA	Granted Patent	12/0596320	07/19/2010	8513987	08/20/2013
DIFFUSER HAVING DETACHABLE VANES	SMALL, ROBERT HERR, CHARLES	USA	Pending Application	13/0551724	07/19/2010		
SCULPTED IMPELLER	GRIGORIEV, MIKHAIL; SWIA TEK,	CANA	Pending Application	2837293	03/02/2012		
SCULPTED IMPELLER	GRIGORIEV, MIKHAIL; SWIA TEK,	USA	Pending Application	13/113688	05/23/2011		
SCULPTED IMPELLER	GRIGORIEV, MIKHAIL; SWIA TEK,	CHIN	Pending Application	201280025426.1	03/02/2012		
SCULPTED IMPELLER	GRIGORIEV, MIKHAIL; SWIA TEK,	EPC	Pending Application	12/10014.7	03/02/2012		
SCULPTED IMPELLER	GRIGORIEV, MIKHAIL; SWIA TEK,	USA	Pending Application	29/492731	05/23/2011		
SCULPTED IMPELLER	GRIGORIEV, MIKHAIL; SWIA TEK,	USA	Pending Application	29/492727	05/23/2011		
CENTRIFUGAL COMPRESSOR HAVING	CLEMONS, JONATHAN D.; GERBER,	USA	Pending Application	13/065314	05/30/2013		
CENTRIFUGAL COMPRESSOR HAVING	CLEMONS, JONATHAN D.; GERBER,	PCT	Pending Application	PCT/US14/35720	04/28/2014		
CENTRIFUGAL COMPRESSOR HAVING	CLEMONS, JONATHAN D.; GERBER,	USA	Pending Application	13/806308	05/30/2013		
CENTRIFUGAL COMPRESSOR HAVING	CLEMONS, JONATHAN D.; GERBER,	PCT	Pending Application	PCT/US14/35716	04/28/2014		
CENTRIFUGAL COMPRESSOR HAVING	CLEMONS, JONATHAN D.; GERBER,	USA	Pending Application	13/906304	05/30/2013		
CENTRIFUGAL COMPRESSOR HAVING	CLEMONS, JONATHAN D.; GERBER,	PCT	Pending Application	PCT/US14/35712	04/28/2014		
CENTRIFUGAL COMPRESSOR HAVING A	BLAIR, NOEL; GERBER, THOMAS E	USA	Pending Application	13/906326	05/30/2013		
CENTRIFUGAL COMPRESSOR HAVING A	BLAIR, NOEL; GERBER, THOMAS E	PCT	Pending Application	PCT/US14/35725	04/28/2014		
INTEGRATED LUBRICATION CODING	LEISING, PAUL A.; GERBER,	USA	Pending Application	14/245598	12/24/2013		
MONOLITHIC SHROUDED IMPELLER	GERBER, THOMAS E; NUCHERENO,	USA	Pending Application	14/220862	03/20/2014		