

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Ingersoll-Rand Company	11/30/2007

<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Doosan International USA, Inc.
<b>Street Address:</b>	2905 Shawnee Industrial Way
<b>City:</b>	Suwanee
<b>State/Country:</b>	GEORGIA
<b>Postal Code:</b>	30024

**PROPERTY NUMBERS Total: 58**

Property Type	Number
Patent Number:	6972163
Patent Number:	D387778
Patent Number:	6203287
Patent Number:	6099265
Patent Number:	6247314
Patent Number:	6017083
Patent Number:	D445115
Patent Number:	D455442
Patent Number:	D457502
Patent Number:	6845614
Application Number:	10451692
Patent Number:	7191792
Patent Number:	5224836
Patent Number:	5287916
Patent Number:	6826952

**CH \$2320.00 6972163**

Patent Number:	4761123
Patent Number:	4963041
Patent Number:	5967757
Patent Number:	6082971
Patent Number:	5820352
Patent Number:	4998862
Patent Number:	5887922
Patent Number:	D497048
Patent Number:	6520205
Patent Number:	5493722
Patent Number:	5487769
Patent Number:	6027320
Patent Number:	6039547
Patent Number:	5518262
Patent Number:	6048376
Patent Number:	6053563
Application Number:	11571054
Patent Number:	5127386
Patent Number:	6089650
Patent Number:	D516584
Application Number:	11312255
Application Number:	11313228
Patent Number:	4778351
Patent Number:	4744734
Patent Number:	D354747
Patent Number:	D371874
Patent Number:	D370754
Patent Number:	D367749
Patent Number:	5718563
Patent Number:	5611177
Patent Number:	5691692
Patent Number:	D384331
Patent Number:	D406830
Patent Number:	D404391
Patent Number:	D388769

Patent Number:	D399595
Patent Number:	D369812
Patent Number:	D546770
Application Number:	11468223
Application Number:	11761071
Application Number:	60870183
Application Number:	11743702
Application Number:	11654953

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ATTORNEY DOCKET NUMBER:	50049-029
NAME OF SUBMITTER:	Patricia A. Harley

**Total Attachments: 8**  
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## ASSIGNMENT AND ASSUMPTION OF PATENTS

This ASSIGNMENT AND ASSUMPTION OF PATENTS is made this 30<sup>th</sup> day of November, 2007, by and between **Ingersoll-Rand Company**, a company organized under the laws of the State of New Jersey, ("**Assignor**"), and **Doosan International USA, Inc.**, a company organized under the laws of the State of Delaware ("**Assignee**").

### WITNESSETH:

**WHEREAS**, Assignor and Assignee are parties to that certain Asset and Stock Purchase Agreement, dated as of July 29, 2007 (as amended, supplemented or otherwise modified from time to time, "**Purchase Agreement**");

**WHEREAS**, pursuant to the Purchase Agreement, Assignor agreed to assign to Assignee all of Assignor's right, title and interest in and to the patents and patent applications listed on Schedule A hereto, together with all reissuances, continuations, continuations-in-part, divisions, revisions, extensions, and reexaminations thereof (collectively, the "**Assigned Patents**"); and

**WHEREAS**, Assignee and Assignor are desirous of executing an instrument of assignment for purposes of recording the assignment of the Assigned Patents with the United States Patent and Trademark Office, and other offices, agencies and registrars in other applicable jurisdictions.

**NOW THEREFORE**, in consideration of the Purchase Agreement, and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged:

1. Definitions. For purposes of this Assignment and Assumption of Patents, capitalized terms shall have the meaning set forth in the body of this Assignment and Assumption of Patents or in the Purchase Agreement.
2. Assignment. Assignor does hereby irrevocably sell, assign, convey and transfer to Assignee all of its right, title and interest in and to the Assigned Patents. The foregoing assignment of the Assigned Patents includes the exclusive rights to (a) apply for and maintain all registrations, issuances, renewals and or extensions thereof, (b) bring actions or otherwise recover for past, present and future infringements thereof, (c) grant licenses or other interests therein, (d) receive all income royalties, damages and other payments now and hereafter due and/or payable with respect thereto (including without limitation, payments under all licenses entered into in connection therewith, and damages and payments for past, present or future infringements thereof) and (e) all other rights of any kind whatsoever of Assignor accruing thereunder or pertaining thereto.
3. No Third Party Beneficiaries. Nothing in this Assignment and Assumption of Patents, express or implied, is intended to or shall confer upon any other Person or

Persons (including, without limitation, any employee or collective bargaining representatives thereof) any rights, benefits or remedies of any nature whatsoever under or by reason of this Assignment and Assumption of Patents.

4. Further Assurances. Assignor shall provide to Assignee, its successors, assigns or other legal representatives, cooperation and assistance at Assignee's reasonable request and expense (including, without limitation, the execution and delivery of any and all affidavits, declarations, oaths, samples, exhibits, specimens and other documentation) as may be reasonably required to implement, record or perfect this Assignment and Assignee's interest in and to the Patents.
5. Binding Effect; Assignment. This Assignment and Assumption of Patents shall be binding upon and inure solely to the benefit of the parties hereto and their respective successors (whether by operation of law or otherwise) and assigns.
6. Governing Law. This Assignment and Assumption of Patents, including all matters of construction, validity and performance, shall be governed by and construed in accordance with the laws of the State of New York without regard to the principles of conflicts or choice of laws or any other law that would make the laws of any other jurisdiction other than the State of New York applicable hereto.
7. Counterparts. This Assignment may be executed in any number of counterparts, each of which shall be deemed to be an original, and all of which together shall constitute one and the same instrument..

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**SCHEDULE A**

**ASSIGNED PATENTS**

Title	MBF	Country	Case Type	Status	App. No	Filing Date	Pub. No	Publ Date	Patent No.	Issue Date	Exp. Date
ENGINE DRIVEN COMPRESSOR	076490-9010	European Patent Convention	Utility	Published	02757470.6	8/30/2002	1427941	6/16/2004			
SOUND-ATTENUATING ENCLOSURE WITH INTEGRAL COOLING DUCTS	076490-9104	European Patent Convention	Utility	Published	05564918.9	6/11/2007	1829190	9/5/2007			
LUBRICATION ARRANGEMENT, IN AN AIR COMPRESSOR	076490-9072	Japan	Utility	Granted	139606/88	6/8/1988			2969459	8/27/1999	6/8/2008
MOBILE SURVEILLANCE AND SECURITY SYSTEM, SURVEILLANCE AND SECURITY SYSTEM HAVING A MOBILE SURVEILLANCE AND SECURITY UNIT, AND METHODS OF OPERATING THE SAME	076490-9140	Patent Cooperation Treaty	Utility	Pending	PCT/US2007/0708 69	6/11/2007					
BATTERY COVER ASSEMBLY	076490-9007	United States of America	Utility	Granted	10/243133	9/13/2002	US-2004-0053128-A1	3/18/2004	6972163	12/6/2005	7/19/2023
PORTABLE COMPRESSOR	076490-9027	United States of America	Design	Granted	29/060291	9/12/1996			D387778	12/16/1997	12/16/2011
FLUID COMPRESSOR WITH AIRFLOW MANIFOLD THAT INCLUDES MEANS FOR DISCHARGING PARTICULATED MATTER FROM THE COMPRESSOR AND METHOD	076490-9028	United States of America	Utility	Granted	09387118	8/31/1999			6203287	3/20/2001	8/31/2019
MACHINE WITH AT LEAST TWO MODES OF OPERATION AND SWITCHING MEANS FOR CHANGING THE MACHINE MODE OF OPERATION	076490-9029	United States of America	Utility	Granted	09152982	9/14/1998			6099265	8/8/2000	9/14/2018
APPARATUS AND METHOD FOR CONTINUOUSLY DISPOSING OF CONDENSATE IN A FLUID COMPRESSOR SYSTEM	076490-9030	United States of America	Utility	Granted	09016792	1/30/1998			6247314	6/19/2001	1/30/2018
ENCLOSURE HAVING A RESILIENT COVER	076490-9033	United States of America	Utility	Granted	09212300	12/16/1998			6017083	1/25/2000	12/16/2018
PORTABLE AIR COMPRESSOR ENCLOSURE	076490-9034	United States of America	Design	Granted	29/124092	5/31/2000			D445115	7/17/2001	7/17/2015
AIR COMPRESSOR ENCLOSURE FOR AN OIL FREE AIR COMPRESSOR	076490-9052	United States of America	Design	Granted	29/140139	4/12/2001			D455442	4/9/2002	4/9/2016
INSTRUMENT PANEL FOR AN OIL FREE COMPRESSOR	076490-9053	United States of America	Design	Granted	29/140140	4/12/2001			D457502	5/21/2002	5/21/2016
HYDRAULIC VALVE SYSTEM	076490-9054	United States of America	Utility	Granted	10/250638	7/3/2003	0060290-A1	4/11/2004	6845614	1/25/2005	1/24/2022
COOLING AIR INLET ARRANGEMENT	076490-9057	United States of America	Utility	Published	10/451692	11/7/2003	0013704	1/20/2005			
COMPRESSOR ASSEMBLY	076490-9058	United States of America	Utility	Granted	10/665836	9/19/2003	US-2005-0063829-A1	3/24/2005	7191792	3/20/2007	6/19/2025

Title	MBF	Country	Case Type	Status	App. No	Filing Date	Pub. No	Publ Date	Patent No.	Issue Date	Exp. Date
CONTROL SYSTEM FOR PRIME DRIVER OF COMPRESSOR AND METHOD	076490-9065	United States of America	Utility	Granted	881848	5/12/1992			5224836	7/6/1993	5/12/2012
APPARATUS AND METHOD FOR DISPOSING LIQUID EFFLUENT FROM A LIQUID SYSTEM	076490-9068	United States of America	Utility	Granted	021817	2/24/1993			5287916	2/22/1994	2/24/2013
MULTIPLE TANK LEVEL INDICATION SYSTEM AND METHOD	076490-9071	United States of America	Utility	Granted	10/639156	8/11/2003			6826952	12/7/2004	8/11/2023
LUBRICATION ARRANGEMENT, IN AN AIR COMPRESSOR	076490-9072	United States of America	Utility	Granted	060599	6/11/1987		8/2/1988	4761123	8/2/1988	6/11/2007
BEARING MOUNTING WITH SELF-COMPENSATION FOR THERMAL EXPANSION	076490-9073	United States of America	Utility	Granted	415786	10/2/1989			4963041	10/16/1990	10/2/2009
COMPRESSOR CONTROL SYSTEM AND METHOD	076490-9076	United States of America	Utility	Granted	823780	3/24/1997			5987757	10/19/1999	3/24/2017
COMPRESSOR CONTROL SYSTEM AND METHOD	076490-9076	United States of America	Utility	Granted	09/183250	10/30/1998			6082971	7/4/2000	10/30/2018
METHOD FOR CONTROLLING COMPRESSOR DISCHARGE PRESSURE	076490-9076	United States of America	Utility	Granted	823782	3/24/1997			5820352	10/13/1998	3/24/2017
AIR COMPRESSOR PRESSURE REGULATING VALVE SYSTEM	076490-9078	United States of America	Utility	Granted	416278	10/2/1989			4998862	3/12/1991	10/2/2009
ADJUSTABLE LIFTING BALL FOR FLUID COMPRESSOR	076490-9081	United States of America	Utility	Granted	949797	10/14/1997			5887922	3/30/1999	10/14/2017
HOLSTER FOR PERSONAL DIGITAL ASSISTANT	076490-9083	United States of America	Design	Granted	29/177539	3/11/2003			D497048	10/12/2004	10/12/2018
COMPRESSOR UNLOADER SYSTEM	076490-9086	United States of America	Utility	Granted	09642944	8/22/2000			6520205	2/18/2003	8/22/2020
METHOD FOR CONTROLLING DATA TRANSMISSIONS ON A SINGLE CHANNEL RADIO FREQUENCY NETWORK	076490-9088	United States of America	Utility	Granted	185740	1/24/1994			5493722	2/20/1996	1/24/2014
INTEGRAL APPARATUS FOR SEPARATING LUBRICANT FROM A HOT COMPRESSED GAS AND FOR COOLING THE SEPARATED LUBRICANT	076490-9089	United States of America	Utility	Granted	313496	9/27/1994			5487769	1/30/1996	9/27/2014
FLUID COMPRESSOR WITH MOVABLE HOSE REEL ASSEMBLY	076490-9090	United States of America	Utility	Granted	09028967	2/24/1998			6027320	2/22/2000	2/24/2018
COMPRESSOR WITH COMPRESSOR BASE THAT INCLUDES FLUID SUPPLY OPENINGS	076490-9091	United States of America	Utility	Granted	09149157	9/4/1998			6039547	3/21/2000	9/4/2018
TOWING ASSEMBLY FOR A PORTABLE MACHINE	076490-9093	United States of America	Utility	Granted	373928	1/17/1995			5518262	5/21/1996	1/17/2015
COMBINATION BAFLE AND FILTER ELEMENT SYSTEM FOR REMOVING OIL FROM AN OIL/GAS MIXTURE	076490-9094	United States of America	Utility	Granted	09127755	8/3/1998			6048376	4/11/2000	8/3/2018

Title	MBF	Country	Case Type	Status	App. No	Filing Date	Pub. No	Publ Date	Patent No.	Issue Date	Exp. Date
ENCLOSURE HAVING INTEGRALLY MOLDED PROTRUSIONS FOR SECURING SYSTEM COMPONENTS	076490-9095	United States of America	Utility	Granted	09267995	3/15/1999			6053563	4/25/2000	3/15/2019
STORAGE DEVICES FOR PORTABLE COMPRESSORS	076490-9098	United States of America	Utility	Published	11/571054	12/21/2006	US-2007-0176038-A1	8/2/2007			
APPARATUS FOR CONTROLLING A SUPERCHARGER	076490-9099	United States of America	Utility	Granted	531615	6/1/1990			5127386	7/7/1992	6/1/2010
SOUND ATTENUATING ENCLOSURE FOR A MACHINE	076490-9100	United States of America	Utility	Granted	09253661	2/22/1999			6089650	7/18/2000	2/22/2019
PORTABLE AIR COMPRESSOR ENCLOSURE	076490-9103	United States of America	Design	Granted	29/220109	12/23/2004			D516584	3/7/2006	3/7/2020
SOUND-ATTENUATING ENCLOSURE WITH INTEGRAL COOLING DUCTS	076490-9104	United States of America	Utility	Published	11/312255	12/20/2005	US-2006-0144637-A1	7/6/2006			
RUNNING GEAR WITH INTEGRAL ENGINE SUPPORTS	076490-9105	United States of America	Utility	Published	11/313228	12/20/2005	US-2006-0145439-A1	7/6/2006			
UNLOADER, AND IN COMBINATION WITH AN AIR COMPRESSOR INLET HOUSING	076490-9112	United States of America	Utility	Granted	069913	7/6/1987			4778351	10/18/1988	7/6/2007
MEANS FOR CONTROLLING AIR DISCHARGE, IN AN AIR COMPRESSOR	076490-9114	United States of America	Utility	Granted	075386	7/20/1987			4744734	5/17/1988	7/20/2007
FRONT CONTROL PANEL FOR A MICROPROCESSOR	076490-9115	United States of America	Design	Granted	29/009349	6/9/1993			D354747	1/24/1995	1/24/2009
COMBINED PORTABLE ABRASIVE CONDITIONING AND CLEANING MACHINE	076490-9116	United States of America	Design	Granted	29/037619	4/17/1995			D371874	7/16/1996	7/16/2010
PORTABLE ABRASIVE CONDITIONING AND CLEANING MACHINE	076490-9116	United States of America	Design	Granted	29/013878	10/5/1993			D370754	6/11/1996	6/11/2010
SUPPLY RACK	076490-9117	United States of America	Design	Granted	29/031717	12/5/1994			D367749	3/5/1996	3/5/2010
PORTABLE COMPRESSOR WITH SYSTEM FOR OPTIMIZING TEMPERATURE IN COMPRESSOR HOUSING AND METHOD	076490-9118	United States of America	Utility	Granted	724880	10/3/1996			5718563	2/17/1998	10/3/2016
PORTABLE TOWER WITH TOWER MEMBER POSITION DETECTION SYSTEM	076490-9119	United States of America	Utility	Granted	529701	9/18/1995			5611177	3/18/1997	9/18/2015
PORTABLE MACHINE WITH MACHINE DIAGNOSIS INDICATOR CIRCUIT	076490-9121	United States of America	Utility	Granted	591331	1/25/1996			5691692	11/25/1997	1/25/2016
SURFACE PATTERN FOR THE FRONT OF A CONTROL PANEL OF A PORTABLE MACHINE	076490-9122	United States of America	Design	Granted	29/049190	1/19/1996			D384331	9/30/1997	9/30/2011
MACHINE CONTROL PANEL	076490-9123	United States of America	Design	Granted	29/069282	3/24/1997			D406830	3/16/1999	3/16/2013
MACHINE CONTROL PANEL	076490-9123	United States of America	Design	Granted	29/078325	10/21/1997			D404391	1/19/1999	1/19/2013

Title	MBF	Country	Case Type	Status	App. No	Filing Date	Pub. No	Publ Date	Patent No.	Issue Date	Exp. Date
COMPRESSOR CONTROL PANEL	076490-9124	United States of America	Design	Granted	29/060060	9/20/1996			D388769	1/6/1998	1/6/2012
PORTABLE LIGHT TOWER	076490-9125	United States of America	Design	Granted	29/065642	1/31/1997			D399595	10/13/1998	10/13/2012
DUST COLLECTOR	076490-9126	United States of America	Design	Granted	29/036843	2/21/1995			D369812	5/14/1996	5/14/2010
MOBILE GENERATOR CONTROL PANEL	076490-9129	United States of America	Design	Granted	29/237336	8/30/2005			D546770	7/17/2007	7/17/2021
MOBILE POWER SOURCE CABLE CONNECTION SYSTEM AND METHOD	076490-9130	United States of America	Utility	Pending	11/468223	8/29/2006					
MOBILE SURVEILLANCE AND SECURITY SYSTEM, SURVEILLANCE AND SECURITY SYSTEM HAVING A MOBILE SURVEILLANCE AND SECURITY UNIT, AND METHODS OF OPERATING THE SAME	076490-9140	United States of America	Utility	Pending	11/761071	6/11/2007					
AUTOMATIC VOLTAGE SWITCHING FOR GENERATOR VOLTAGE CHANGE	076490-9141	United States of America	Provisional	Pending	60/670183	12/15/2006					12/15/2007
AUTOMATIC VOLTAGE SWITCHING FOR GENERATOR VOLTAGE CHANGE	076490-9141	United States of America	Utility	Pending	11/743702	5/3/2007					
SYSTEM AND METHOD OF MOUNTING A HEAT EXCHANGER IN A COMPRESSOR	076490-9142	United States of America	Utility	Pending	11/654953	1/18/2007					

PATENT

RECORDED: 12/17/2007

REEL: 020243 FRAME: 0842