

PATENT ASSIGNMENT COVER SHEET

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Assignment ID: PATI838571

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Zahroof Valves Inc.	04/24/2024
RECEIVING PARTY DATA	
Company Name:	Atlas Copco Compressors LLC
Street Address:	15045 Lee Road
City:	Houston
State/Country:	TEXAS
Postal Code:	77032
PROPERTY NUMBERS Total: 9	
Property Type	Number
Application Number:	13510245
Application Number:	15974425
Application Number:	16022213
Application Number:	12525302
Application Number:	12525814
Application Number:	12525815
Application Number:	12992252
Application Number:	14794332
Application Number:	16870678
CORRESPONDENCE DATA	
Fax Number:	6124553801
<i>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.</i>	
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ATTORNEY DOCKET NUMBER:	21192.0008USAA
NAME OF SUBMITTER:	Jessica Sun

PATENT

SIGNATURE:	/Jessica Sun/
DATE SIGNED:	02/21/2025
Total Attachments: 8 source=B.0511-Worldwideassignment#page1.tiff source=B.0511-Worldwideassignment#page2.tiff source=B.0511-Worldwideassignment#page3.tiff source=B.0511-Worldwideassignment#page4.tiff source=B.0511-Worldwideassignment#page5.tiff source=B.0511-Worldwideassignment#page6.tiff source=B.0511-Worldwideassignment#page7.tiff source=B.0511-Worldwideassignment#page8.tiff	

ASSIGNMENT OF PATENT RIGHTS (WORLD WIDE)

WHEREAS, **Zahroof Valves Inc.** (hereinafter "ASSIGNOR"), having an office and place of business at 8615-A Jackrabbit Road, Houston, Texas 77095, has acquired interest, by assignment interest and/or the non-U.S. equivalent thereof, in inventions for which patent applications have been filed or for which Letters Patent have issued (hereinafter "Inventions"), as listed in Schedule I attached hereto;

WHEREAS, **Atlas Copco Compressors LLC** (hereinafter "ASSIGNEE"), having an office and place of business at 15045 Lee Road, Houston TX 77032, wishes to acquire the entire right, title and interest in and to the Inventions;

This Assignment assigns (a) said Inventions and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates for, any of the Subject Matter of the Inventions in every country or region, (b) the right to claim priority based on and the benefit of the filing date of any of the Inventions under the United States Patent laws, International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the ASSIGNEE's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Inventions, the Applications and Granted Rights, and any other rights assigned by this Assignment.

We authorize the Assignee to apply for and pursue protection for any or all of the Inventions, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in the Assignee's name.

We represent and warrant that we have the right and power to make this Assignment and that we have not made and will not make any other assignment that conflicts with this Assignment.

The ASSIGNOR hereby agrees that the ASSIGNOR, their executors and legal representatives will make, execute and deliver (without charge but at the expense of the ASSIGNEE) any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said the ASSIGNEE, its successors and representatives all facts known to the ASSIGNOR relating to said invention and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable to vest the ASSIGNEE, its successors or assigns, the entire right, title and interest in and to the said invention, patent

applications, Letters Patent, rights, titles, benefits, privileges, and advantages hereby sold, assigned and conveyed, or intended so to be.

The ASSIGNOR represents and agrees with said ASSIGNEE, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the ASSIGNOR, and that full right to convey the same as herein expressed is possessed by the ASSIGNOR.

IN TESTIMONY WHEREOF, THE ASSIGNOR have hereunto set their hand on the date indicated below.

Zahroof Valves Inc. (the ASSIGNOR)

Date April 24, 2024

By: 

(Signature)

Name: Aaron Prato

Title: President

Atlas Copco Compressors LLC (the ASSIGNEE)

Date April 4, 2024

By: 

(Signature)

Name: Robert Eshelman

Title: President

Schedule I

File No.	Country	Case Type	Status	Application No.	File Date	Patent Number	Issue Date	Application Title
ACTIVE								
015180-0301	US	ORD	Granted	13/510,245	16-May-2012	9,989,161	05-Jun-2018	Systems and Methods for a Reed Valve Module and Valve Assembly
015180-0302	US	CON	Granted	15/974,425	08-May-2018	11,002,377	11-May-2021	Systems and Methods for a Reed Valve Module and a Modular Reed Valve Assembly
015180-0304	AU	PCT	Granted	2010322003	18-Nov-2010	2010322003	03-Nov-2016	Systems and Methods for a Reed Valve Module and Valve Assembly
015180-0305	CA	PCT	Granted	2816820	18-Nov-2010	2816820	22-Jan-2019	Systems and Methods for a Reed Valve Module and Valve Assembly
015180-0306	EP	PCT	Granted	10832162.1	18-Nov-2010	2496869	05-Oct-2016	Systems and Methods for a Reed Valve Module and Valve Assembly
015180-0307	AT	EPP	Granted	10832162.1	18-Nov-2010	2496869	05-Oct-2016	Systems and Methods for a Reed Valve Module and Valve Assembly
015180-0308	BR	PCT	Granted	11 2012 012009 3	18-Nov-2010	11 2012 012009 3	16-Jun-2020	Systems and Methods for a Reed Valve Module and Valve Assembly
015180-0309	CH	EPP	Granted	10832162.1	18-Nov-2010	2496869	05-Oct-2016	Systems and Methods for a Reed Valve Module and Valve Assembly
015180-0310	CN	PCT	Granted	201080052302.3	18-Nov-2010	ZL 2010 80052302.3	09-Jul-2014	Systems and Methods for a Reed Valve Module and Valve Assembly
015180-0311	CZ	EPP	Granted	10832162.1	18-Nov-2010	2496869	05-Oct-2016	Systems and Methods for a Reed Valve Module and Valve Assembly
015180-0312	DE	EPP	Granted	10832162.1	18-Nov-2010	2496869	05-Oct-2016	Systems and Methods for a Reed Valve Module and Valve Assembly
015180-0313	ES	EPP	Granted	10832162.1	18-Nov-2010	2496869	05-Oct-2016	Systems and Methods for a Reed Valve Module and Valve Assembly
015180-0314	FR	EPP	Granted	10832162.1	18-Nov-2010	2496869	05-Oct-2016	Systems and Methods for a Reed Valve Module and Valve Assembly
015180-0315	ID	PCT	Granted	W00201202089	18-Nov-2010	IDP000071776	24-Sep-2020	Systems and Methods for a Reed Valve Module and Valve Assembly

015180-0316	IT	EPP	Granted	10832162.1	18-Nov-2010	2496869	05-Oct-2016	Systems and Methods for a Reed Valve Module and Valve Assembly
015180-0317	KR	PCT	Granted	10-2012-7015124	18-Nov-2010	1676899	10-Nov-2016	Systems and Methods for a Reed Valve Module and Valve Assembly
015180-0318	MX	PCT	Granted	MX/a/2012/005767	18-Nov-2010	348102	29-May-2017	Systems and Methods for a Reed Valve Module and Valve Assembly
015180-0319	NO	EPP	Granted	10832162.1	18-Nov-2010	2496869	05-Oct-2016	Systems and Methods for a Reed Valve Module and Valve Assembly
015180-0320	NZ	PCT	Granted	600534	18-Nov-2010	600534	02-Sep-2014	Systems and Methods for a Reed Valve Module and Valve Assembly
015180-0321	PL	EPP	Granted	10832162.1	18-Nov-2010	2496869	05-Oct-2016	Systems and Methods for a Reed Valve Module and Valve Assembly
015180-0322	RO	EPP	Granted	10832162.1	18-Nov-2010	2496869	05-Oct-2016	Systems and Methods for a Reed Valve Module and Valve Assembly
015180-0323	RU	PCT	Granted	2012125069	18-Nov-2010	2561352 C2	16-Apr-2015	Systems and Methods for a Reed Valve Module and Valve Assembly
015180-0324	SE	EPP	Granted	10832162.1	18-Nov-2010	2496869	05-Oct-2016	Systems and Methods for a Reed Valve Module and Valve Assembly
015180-0325	SG	PCT	Granted	201301735	18-Nov-2010	188874	28-Sep-2016	Systems and Methods for a Reed Valve Module and Valve Assembly
015180-0326	TR	EPP	Granted	10832162.1	18-Nov-2010	2496869	05-Oct-2016	Systems and Methods for a Reed Valve Module and Valve Assembly
015180-0327	TW	ORD	Granted	099139749	18-Nov-2010	1579459	21-Apr-2017	Systems and Methods for Reed Valve Module and Valve Assembly
015180-0328	UA	PCT	Granted	201207333	18-Nov-2010	106638 (C2)	25-Sep-2014	Systems and Methods for a Reed Valve Module and Valve Assembly
015180-0329	NL	EPP	Granted	10832162.1	18-Nov-2010	2496869	05-Oct-2016	Systems and Methods for a Reed Valve Module and Valve Assembly
015180-0330	AR	ORD	Granted	P100104278	19-Nov-2010	081093 BI	17-Oct-2017	Systems and Methods for Reed Valve Module and Valve Assembly
015180-0331	IN	PCT	Granted	5195/DELNP/2012	18-Nov-2010	379867	25-Oct-2021	Systems and Methods for a Reed Valve Module and Valve Assembly

015180-0332	MY	PCT	Granted	PI2012002150	18-Nov-2010	MY-174475-A	21-Apr-2020	Systems and Methods for a Reed Valve Module and Valve Assembly
015180-0333	PH	PCT	Granted	1/2012/501100	18-Nov-2010	1/2012/501100	07-Mar-2017	Systems and Methods for a Reed Valve Module and Valve Assembly
015180-0334	BE	EPP	Granted	10832162.1	18-Nov-2010	2496869	05-Oct-2016	Systems and Methods for a Reed Valve Module and Valve Assembly
015180-0335	GC	ORD	Granted	17123	22-Nov-2010	GC0003898	31-Mar-2016	Systems and Methods for Reed Valve Module and Valve Assembly
015180-0336	GC	DIV	Granted	26401	22-Nov-2010	GC0007668	30-Apr-2018	Systems and Methods for Reed Valve Module and Valve Assembly
015180-0339	NZ	PCT	Granted	619638	18-Nov-2010	619638	29-Oct-2014	Systems and Methods for a Reed Valve Module and Valve Assembly
015180-0341	CN	DIV	Granted	201410112741.9	18-Nov-2010	ZL 2014 10112741.9	07-Dec-2016	Systems and Methods for a Reed Valve Module and Valve Assembly
015180-0343	GB	EPP	Granted	10832162.1	18-Nov-2010	2496869	05-Oct-2016	Systems and Methods for a Reed Valve Module and Valve Assembly
015180-0401	US	ORD	Granted	16/022,213	28-Jun-2018	10,995,866	04-May-2021	Stacked Valve Assembly
015180-0404	CN	PCT	Granted	201880044019.2	29-Jun-2018	ZL 2018 80044019.2	29-Apr-2022	Stacked Valve Assembly
015180-0405	EP	PCT	Published	18746355.9	29-Jun-2018			Stacked Valve Assembly
015180-0406	RU	PCT	Granted	2020103776	29-Jan-2020	2768650	24-Mar-2022	Stacked Valve Assembly
015180-0601	EP	PCT	Granted	08729220.7	06-Feb-2008	2118540	25-Nov-2020	Valve Assembly and System
015180-0604	US	ORD	Granted	12/525,302	30-Jul-2009	9,523,436	20-Dec-2016	Valve Assembly and System
015180-0605	DE	EPP	Granted	602008063494.9	06-Feb-2008	2118540	25-Nov-2020	Valve Assembly and System
015180-0700	US	PCT	Granted	12/525,814	04-Aug-2009	9,103,455	11-Aug-2015	Caged Poppet Valve

015180-0701	BR	PCT	Granted		06-Feb-2008	PI 08 09621	23-Feb-2021	Caged Poppet Valve
015180-0702	SG	PCT	Granted	2009054594	06-Feb-2008	2009054594	31-Dec-2010	Caged Poppet Valve
015180-0703	GB	EPP	Granted	08729221.5	06-Feb-2008	2150736	26-Sep-2012	Caged Poppet Valve
015180-0704	NO	EPP	Granted	08729221.5	06-Feb-2008	2150736	26-Sep-2012	Caged Poppet Valve
015180-0800	US	PCT	Granted	12525,815	04-Aug-2009	8,485,801	16-Jul-2013	Poppet Valve Assembly
015180-0802	EP	PCT	Granted	08729222.3	06-Feb-2008	2156077	27-Mar-2019	Poppet Valve Assembly
015180-0803	BR	PCT	Granted		06-Feb-2008	PI 08 10902	31-Mar-2020	Poppet Valve Assembly
015180-0804	SG	PCT	Granted	2009054552	06-Feb-2008	154789	06-Sep-2014	Poppet Valve Assembly
015180-0805	AT	EPP	Granted	08729222.3	27-Mar-2019	2156077	27-Mar-2019	Poppet Valve Assembly
015180-0806	BE	EPP	Granted	08729222.3	27-Mar-2019	2156077	27-Mar-2019	Poppet Valve Assembly
015180-0807	CZ	EPP	Granted	08729222.3	27-Mar-2019	2156077	27-Mar-2019	Poppet Valve Assembly
015180-0808	FR	EPP	Granted	08729222.3	06-Feb-2008	2156077	27-Mar-2019	Poppet Valve Assembly
015180-0809	GB	EPP	Granted	08729222.3	27-Mar-2019	2156077	27-Mar-2019	Poppet Valve Assembly
015180-0810	IT	EPP	Granted	08729222.3	06-Feb-2008	2156077	27-Mar-2019	Poppet Valve Assembly
015180-0811	NL	EPP	Granted	08729222.3	06-Feb-2008	2156077	27-Mar-2019	Poppet Valve Assembly
015180-0812	PL	EPP	Granted	08729222.3	06-Feb-2008	2156077	27-Mar-2019	Poppet Valve Assembly

015180-0813	CH	EPP	Granted	08729222.3	06-Feb-2008	2156077	27-Mar-2019	Poppet Valve Assembly
015180-0814	TR	EPP	Granted	08729222.3	06-Feb-2008	2156077	27-Mar-2019	Poppet Valve Assembly
015180-0815	DE	EPP	Granted	602008059495.5.	06-Feb-2008	2156077	27-Mar-2019	Poppet Valve Assembly
015180-0900	US	PCT	Granted	12/992,252	11-Nov-2010	9,103,335	11-Aug-2015	System and Devices Including Valves Coupled to Electric Devices and Methods of Making, Using, and Operating the Same
015180-0901	US	DIV	Granted	14/794,332	08-Jul-2015	9,567,991	14-Feb-2017	System and Devices Including Valves Coupled to Electric Devices and Methods of Making, Using, and Operating the Same
015180-1000	US	ORD	Granted	16/870,678	08-May-2020	11,300,113	12-Apr-2022	System for Retaining a Valve Assembly in a Cavity Formed in a Cylinder Body of a Compressor and Method of Use Thereof
015180-1002	AR	ORD	Published	P210101258	07-May-2021			System For Retaining A Valve Assembly In A Cavity Formed In A Cylinder Body Of A Compressor And Method Of Use Thereof
015180-1004	CA	ORD	Published	3178044	04-May-2021			System For Retaining A Valve Assembly In A Cavity Formed In A Cylinder Body Of A Compressor And Method Of Use Thereof
NOT YET FILED								
015180-0200	US	PRO	Unfiled					Unloader Valve

RECORDED: 02/21/2025

PATENT
REEL: 070296 FRAME: 0590