

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4767919

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
1928732 ONTARIO INC., F/K/A SMARTWAVE TECHNOLOGIES CORP.	12/29/2017
RECEIVING PARTY DATA	
Name:	SMART WAVE TECHNOLOGIES, INC.
Street Address:	TWO BETHESDA METRO CENTER, SUITE 1510
City:	BETHESDA
State/Country:	MARYLAND
Postal Code:	20814
PROPERTY NUMBERS Total: 14	
Property Type	Number
Patent Number:	6964405
Patent Number:	7793839
Patent Number:	9522775
Application Number:	15344056
Application Number:	13843259
Patent Number:	9836946
Application Number:	14736349
Application Number:	15112644
Application Number:	15310270
Application Number:	62195210
Application Number:	62397741
Patent Number:	9476826
Application Number:	15263026
Patent Number:	6481634
CORRESPONDENCE DATA	
Fax Number:	(120)275-6808
<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>	
Email:	ipdocketmwe@mwe.com, syliu@mwe.com
Correspondent Name:	MCDERMOTT WILL & EMERY LLP; SHERRY LIU

Address Line 1:	500 NORTH CAPITOL STREET, N.W.
Address Line 4:	WASHINGTON, D.C. 20001

ATTORNEY DOCKET NUMBER:	098803-0016
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NAME OF SUBMITTER:	SHERRY LIU
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SIGNATURE:	/Sherry Liu/
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DATE SIGNED:	01/09/2018
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Total Attachments: 11

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PATENT ASSIGNMENT

This Patent Assignment (this “Agreement”) is entered into as of December 29, 2017 (the “Effective Date”) by and between 1928732 Ontario Inc., f/k/a Smart Wave Technologies Corp., an entity organized under the laws of Canada (“Assignor”), located at 91 Skyview Avenue, Suite #200, Toronto, Ontario, M9W 6R5, and Smart Wave Technologies, Inc., a Delaware Corporation (“Assignee”), located at Two Bethesda Metro Center, Suite 1510, Bethesda, MD 20814, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged by the parties.

1. **Assignment.** Assignor agrees to and does hereby assign, transfer and grant to Assignee and its successors and assigns, all of Assignor’s rights, title and interests in and to the patents listed in Schedule 1 hereto (the “Patents”), and all U.S., non-U.S. and regional patents and patent applications worldwide, whether existing now or later, (i) that claim priority, directly or indirectly, from any of the Patents, (ii) from which any of the Patents claims priority, directly or indirectly, or (iii) that claim any common priority, directly or indirectly, with any of the Patents, including all inventions in any of the foregoing, including all applications, international applications, regional applications, national applications, national stage applications, provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, substitutes, reexaminations, inter partes review applications, post grant review applications, covered business method applications, reissues, and extensions of any of the foregoing, including all patents, registrations, certificates, governmental grants, and renewals of any of the foregoing, including all rights to claim priority, file applications, and obtain grants, renewals and extensions in connection with any of the foregoing, including all rights to assert, defend and recover title in connection with any of the foregoing, and including all rights to sue and recover for any past, present and future infringement, misappropriation, violation, damages, lost profits, royalties, and payments in connection with any of the foregoing, in each case, as may exist now or come into existence in the future throughout the world. Assignee, on behalf of itself and its successors and assigns, accepts all of such rights, title and interests assigned herein.

2. **Miscellaneous.**

2.1 **Assignability.** Assignee may assign this Agreement or any part thereof without Assignor’s prior written consent.

2.2 **Governing Law.** This Agreement will be construed and interpreted in accordance with and governed by the laws of the Province of Ontario and the laws of Canada applicable therein, without regard to the conflicts of law principles thereof..

2.3 **Counterparts.** This Agreement may be executed in two or more counterparts, each of which shall be an original but all of which shall together constitute one and the same document.

2.4 **Amendments.** This Agreement may not be altered, amended or supplemented except in a written instrument executed by the parties.

2.5 **Further Assurance.** Assignor does hereby agree with said assignee that Assignor will not execute any writing or do any act whatsoever conflicting with this assignment,

and that Assignor will, without further or additional consideration, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect said assignee's enjoyment of this assignment or to carry out the purposes of this Agreement.

2.6 Construction. Captions and headings of the sections and paragraphs of this Agreement are intended solely for convenience, and no provision of this Agreement is to be construed by reference to the caption or heading of any section or paragraph. The words "include" and "including," and variations thereof, will not be deemed to be terms of limitation, but rather will be deemed to be followed by the word "without limitation."

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the Effective Date written below.

1928732 Ontario Inc., f/k/a Smart Wave Technologies Corp.

By: 

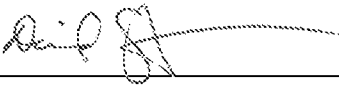
Printed Name: Park, [unclear]

Title: President

Dated: December 29, 2017

[Signature Page to Patent Assignment]

Smart Wave Technologies, Inc.

By:  _____

Printed Name: David Steinglass

Title: President

Dated: December 29, 2017

[Signature Page to Patent Assignment]

PATENT
REEL: 044577 FRAME: 0749

Schedule 1

Country	Application/ Patent Number	Filing Date	Expiry Date	Owners
Canada	2,559,598		March 3, 2025	Smart Wave Technologies Corp. and Sloan Valve Company
China	200580008491.3 / CN 100552152		March 3, 2025	Smart Wave Technologies Corporation, and Sloan Valve Company
Mexico	PA/a/2006/010618 / 268079		March 3, 2025	Smart Wave Technologies Corporation and Sloan Valve Company
US	10/803,563 / 6,964,405		May 11, 2024	Smart Wave Technologies Corp. and Sloan Valve Company
Hong Kong	07112575.1 / HK1104075		March 3, 2025	Smart Wave Technologies Corporation and Sloan Valve Company
Australia	2007283386		August 1, 2027	Smart Wave Technologies Corp.
Canada	2658613		August 1, 2027	Smart Wave Technologies Corp.
Europe	2052280		August 1, 2027	Smart Wave Technologies Corp.
India	459/KOLNP/2009 / 271501		August 1, 2027	Smart Wave Technologies Corp.

Country	Application/ Patent Number	Filing Date	Expiry Date	Owners
Japan	2009523115 / 5426377		August 1, 2027	Smart Wave Technologies Corp.
Mexico	MX/a/2009/001332 / 285119		August 1, 2027	Smart Wave Technologies Corp.
US	11/833,693 7,793,839		January 21, 2029	Smart Wave Technologies Corp
Germany	602007038760.4 EP 2052280		August 1, 2027	Smart Wave Technologies Corp
Great Britain	EP 2052280		August 1, 2027	Smart Wave Technologies Corp.
France	EP 2052280		August 1, 2027	Smart Wave Technologies Corp
Canada	2,767,138	July 2, 2010		Smart Wave Technologies Corp.
Australia	2011301170		Sept. 9, 2031	Smart Wave Technologies Corp.
Brazil	112013005279-1			Smart Wave Technologies Corp.
Canada	2,810,701		Sept. 9, 2031	Smart Wave Technologies Corp.

Country	Application/ Patent Number	Filing Date	Expiry Date	Owners
Australia	2011301170		Sept. 9, 2031	Smart Wave Technologies Corp.
Brazil	112013005279-1			Smart Wave Technologies Corp.
Canada	2,810,701		Sept. 9, 2031	Smart Wave Technologies Corp.
Europe	11822955.8			Smart Wave Technologies Corp.
India	668/KOLNP/2013			Smart Wave Technologies Corp.
Mexico	MX/a/2013/002705 / MX 332695 B		Sept. 9, 2031	Smart Wave Technologies Corp.
International	PCT/CA2013/000883	October 15, 2013		Smart Wave Technologies Corp.
Canada	2,886,894	October 15, 2013		Smart Wave Technologies Corp.
Europe	EP 13846707.1	October 15, 2013		Smart Wave Technologies Corp.
United States	14/435,886 / 9,522,775	October 15, 2013		Smart Wave Technologies Corp.

Country	Application/ Patent Number	Filing Date	Expiry Date	Owners
Canada	2,929,861	October 15, 2013		Smart Wave Technologies Corp.
United States	15/344,056	November 4, 2016		Smart Wave Technologies Corp.
Australia	2012357626	Dec 20, 2012		Smart Wave Technologies Corp.
Canada	2,859,687	Dec 20, 2012		Smart Wave Technologies Corp.
Europe	12858948.8	Dec 20, 2012		Smart Wave Technologies Corp.
India	4917/CHENP/2014	Dec 20, 2012		Smart Wave Technologies Corp.
Mexico	MX/a/2014/007484 / MX 351575 B	Dec 20, 2012		Smart Wave Technologies Corp.
United States	13/843,259	March 15, 2013		Smart Wave Technologies Corp.
United States	14,522,285/ 9,836,946	Oct. 23, 2014		Smart Wave Technologies Corp.

Country	Application/ Patent Number	Filing Date	Expiry Date	Owners
Australia	2013359927	December 11, 2013		Smart Wave Technologies Corp.
Brazil	112015013587-0	December 11, 2013		Smart Wave Technologies Corp.
China	201380072042X	December 11, 2013		Smart Wave Technologies Corp.
Europe	13862438.2	December 11, 2013		Smart Wave Technologies Corp.
India	3369/CHENP/2015	June 10, 2015		Smart Wave Technologies Corp.
Japan	2015-545608	December 11, 2013		Smart Wave Technologies Corp.
Mexico	MX/a/2015/007212 / 349755 B	December 11, 2013		Smart Wave Technologies Corp.
Canada	2,894,141	December 11, 2013		Smart Wave Technologies Corp.
United States	14/736,349	June 11, 2015		Smart Wave Technologies Corp.
Canada	2,937,354	January 20, 2015		Smart Wave Technologies Corp.

Country	Application/ Patent Number	Filing Date	Expiry Date	Owners
United States	15/112,644	July 19 2016		Smart Wave Technologies Corp.
International	PCT/CA2016/050524	May 6, 2016		Smart Wave Technologies Corp.
United States	15/310,270	Nov. 10 2016		Smart Wave Technologies Corp.
Canada	2983872	May 6, 2016		Smart Wave Technologies Corp.
Australia	2016257636	May 6, 2016		Smart Wave Technologies Corp.
United States	62/195,210	July 21, 2015		Smart Wave Technologies Corp.
International	PCT/CA2016/050860	July 21, 2016		Smart Wave Technologies Corp.
United States	62/397,741	September 21, 2016		Smart Wave Technologies Corp.
Mexico (divisional)	MX/a/2015/002596 / MX 336955 B		September 9, 2031	Smart Wave Technologies Corp.
New Zealand	607905		September 9, 2031	Smart Wave Technologies Corp.

Country	Application/ Patent Number	Filing Date	Expiry Date	Owners
Russia	2013 115 834 / 2595296		September 9, 2031	Smart Wave Technologies Corp.
United States	9,476,826		September 9, 2031	Smart Wave Technologies Corp.
United States	15/263,026	September 12, 2016		Smart Wave Technologies Corp.
Canada	2,316,943		December 23, 2018	Smart Wave Technologies Corp.
United States	6,481,634		December 23, 2018	Smart Wave Technologies Corp.

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