

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM762313

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	Security Agreement		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
Shockwave Medical, Inc.		10/19/2022	Corporation: DELAWARE
RECEIVING PARTY DATA			
Name:	Wells Fargo Bank, National Association		
Street Address:	1525 West W.T. Harris Blvd.		
City:	Charlotte		
State/Country:	NORTH CAROLINA		
Postal Code:	28262		
Entity Type:	National Banking Association: UNITED STATES		
PROPERTY NUMBERS Total: 8			
Property Type	Number	Word Mark	
Registration Number:	5271186	SHOCKWAVE	
Registration Number:	5814410	SHOCKWAVE M5	
Registration Number:	5814411	SHOCKWAVE S4	
Registration Number:	5814412	SHOCKWAVE C2	
Serial Number:	90830386	SHOCKWAVE L6	
Serial Number:	97512211	SHOCKWAVE	
Serial Number:	97575146	SHOCKWAVE JAVELIN	
Serial Number:	97575150	SHOCKWAVE APERTURE	
CORRESPONDENCE DATA			
Fax Number:			
<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>			
Phone:	212-655-3328		
Email:	serratelli@chapman.com		
Correspondent Name:	Chapman and Cutler LLP		
Address Line 1:	1270 Avenue of the Americas, 30th Floor		
Address Line 2:	Catherine Serratelli		
Address Line 4:	New York, NEW YORK 10020		
NAME OF SUBMITTER:	Catherine Serratelli		
SIGNATURE:	/Catherine Serratelli/		

OP \$215.00 5271186

DATE SIGNED:	10/20/2022
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Total Attachments: 6

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RECORDATION FORM COVER SHEET TRADEMARKS ONLY

To the Director of the U. S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies):

Shockwave Medical, Inc.

- Individual(s) Association
 Partnership Limited Partnership
 Corporation- State: Delaware
 Other _____

Citizenship (see guidelines) _____

Additional names of conveying parties attached? Yes No

3. Nature of conveyance/Execution Date(s) :

Execution Date(s) October 19, 2022

- Assignment Merger
 Security Agreement Change of Name
 Other _____

2. Name and address of receiving party(ies)

Additional names, addresses, or citizenship attached? Yes No

Name: Wells Fargo Bank, National Association

Street Address: 1525 West W.T. Harris Blvd.

City: Charlotte

State: North Carolina

Country: USA Zip: 28262

- Individual(s) Citizenship _____
 Association Citizenship _____
 Partnership Citizenship _____
 Limited Partnership Citizenship _____
 Corporation Citizenship _____
 Other N.A. Citizenship USA

If assignee is not domiciled in the United States, a domestic representative designation is attached: Yes No
(Designations must be a separate document from assignment)

4. Application number(s) or registration number(s) and identification or description of the Trademark.

A. Trademark Application No.(s) _____ Text _____

B. Trademark Registration No.(s) _____

See Schedule A to Trademark Collateral Agreement attached

See Schedule A to Trademark Collateral Agreement attached

Additional sheet(s) attached? Yes No

C. Identification or Description of Trademark(s) (and Filing Date if Application or Registration Number is unknown):

See Schedule A to Trademark Collateral Agreement attached

5. Name & address of party to whom correspondence concerning document should be mailed:

Name: Chapman and Cutler LLP

Internal Address: Attn: Catherine Serratelli

Street Address: 1270 Avenue of the Americas

City: New York

State: New York Zip: 10020

Phone Number: (212) 655-3328

Docket Number: _____

Email Address: serratelli@chapman.com

6. Total number of applications and registrations involved:

7. Total fee (37 CFR 2.6(b)(6) & 3.41) \$ _____

- Authorized to be charged to deposit account
 Enclosed

8. Payment Information:

Deposit Account Number _____

Authorized User Name _____

9. Signature:

10/19/2022

Signature

Date

Catherine Serratelli

Name of Person Signing

Total number of pages including cover sheet, attachments, and document:

TRADEMARK COLLATERAL AGREEMENT

This 19th day of October, 2022, SHOCKWAVE MEDICAL, INC., a Delaware corporation (the “Grantor”), for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, assigns, mortgages and pledges to WELLS FARGO BANK, NATIONAL ASSOCIATION, as Administrative Agent, and its successors and assigns (in such capacity, the “Administrative Agent”) for the benefit of the Secured Parties, and grants to Administrative Agent, for the benefit of the Secured Parties, a continuing security interest in and to all of the right, title and interest of the Grantor in, to and under the following property, wherever located, and whether now existing or hereafter arising or acquired from time to time (the “Trademark Collateral”):

(i) Each trademark, trademark registration, and trademark application listed on Schedule A hereto, and all of the goodwill of the business connected with the use of, and symbolized by, each such trademark, trademark registration, and trademark application and all extensions and renewals thereof; and

(ii) All proceeds of the foregoing, including without limitation (x) any and all royalties, fees, income, payments and other proceeds now or hereafter due or payable with respect to any and all of the foregoing and (y) any and all claims and causes of action by the Grantor against third parties for damages, restitution and injunctive and other legal and equitable relief by reason of past, present or future infringement, dilution, misappropriation, violation, misuse, breach or default of any trademark, trademark registration, or trademark application listed on Schedule A hereto or by reason of injury to the goodwill associated with any such trademark, trademark registration, or trademark application, in each case together with the right but no obligation to sue for and collect, or otherwise recover, said damages;

to secure the payment and performance of all Secured Obligations of the Grantor as set out in that certain Collateral Agreement of even date herewith by and among the Grantor, the other parties from time to time party thereto and Administrative Agent, as the same may be amended, modified, or restated from time to time (the “Collateral Agreement”). Terms defined in the Collateral Agreement and not otherwise defined herein shall have the meaning assigned thereto in the Collateral Agreement.

Notwithstanding anything herein to the contrary, this Trademark Collateral Agreement shall not operate as a sale, transfer, conveyance or other assignment to the Administrative Agent of any applications by the Grantor for a trademark based on an intent to use the same if and so long as such application is pending without a Statement of Use having been filed and accepted (such pending applications which are based on intent to use being hereinafter referred to collectively as “Intent-to-Use Applications”), but rather, if and so long as the Grantor’s Intent-to-Use Application is pending without a Statement of Use having been filed and accepted, then this Trademark Collateral Agreement shall operate only to create a security interest for collateral purposes in favor of the Administrative Agent on such Intent-to-Use Application as collateral security for the Secured Obligations. When a Statement of Use is filed and accepted by the

Trademark Office, then that application shall cease to be partly exempted from this Trademark Collateral Agreement.

The Grantor authorizes the Commissioner for Trademarks and any other government officials to record and register this Trademark Collateral Agreement upon request by the Administrative Agent.

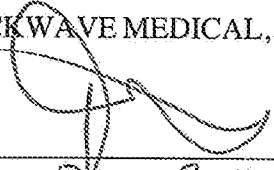
The Grantor does hereby further acknowledge and affirm that the rights and remedies of the Administrative Agent with respect to the assignment, mortgage, pledge and security interest in the trademarks, trademark registrations, and trademark applications made and granted hereby are more fully set forth in the Collateral Agreement, the terms and provisions of which are incorporated herein by reference as if fully set forth herein. The rights and remedies of the Administrative Agent with respect to the Trademark Collateral are as provided by the Collateral Agreement and related documents, and nothing in this Trademark Collateral Agreement shall be deemed to limit such rights and remedies.

This Trademark Collateral Agreement may be executed in any number of counterparts, and by the different parties on different counterpart signature pages, all of which taken together shall constitute one and the same agreement. Any of the parties hereto may execute this Trademark Collateral Agreement by signing any such counterpart and each of such counterparts shall for all purposes be deemed to be an original. Delivery of a counterpart hereof by facsimile or in electronic (i.e., "pdf" or "tif") format shall be effective as delivery of a manually executed counterpart hereof. This Trademark Collateral Agreement shall be construed and determined in accordance with the laws of the United States and the State of New York without regard to conflicts of law principles that would require application of the laws of another jurisdiction. This Trademark Collateral Agreement will be binding on and shall inure to the benefit of the parties hereto and their respective successors and assigns.

[SIGNATURE PAGE TO FOLLOW]

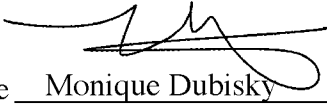
IN WITNESS WHEREOF, the Grantor has caused this Trademark Collateral Agreement to be duly executed as of the date and year last above written.

SHOCKWAVE MEDICAL, INC.

By 
Name Dan Rickett
Title CEO

Accepted and agreed to as of the date and year last above written.

WELLS FARGO BANK, NATIONAL ASSOCIATION

By 
Name Monique Dubisky
Title Managing Director

**Schedule A
to Trademark Collateral Agreement**

Trademark Registrations and Applications

Trademark	Reg. No.	Reg. Date	Serial No.	Filing Date	Owner
SHOCKWAVE	5271186	8/22/2017	87320743	2/1/2017	Shockwave Medical, Inc.
SHOCKWAVE M5	5814410	7/23/2019	87787686	2/7/2018	Shockwave Medical, Inc.
SHOCKWAVE S4	5814411	7/23/2019	87787693	2/7/2018	Shockwave Medical, Inc.
SHOCKWAVE C2	5814412	7/23/2019	87787704	2/7/2018	Shockwave Medical, Inc.
SHOCKWAVE L6	N/A	N/A	90830386	7/15/2021	Shockwave Medical, Inc.
SHOCKWAVE	N/A	N/A	97512211	7/20/2022	Shockwave Medical, Inc.
SHOCKWAVE JAVELIN	N/A	N/A	97575146	9/1/2022	Shockwave Medical, Inc.
SHOCKWAVE APERTURE	N/A	N/A	97575150	9/1/2022	Shockwave Medical, Inc.