PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JUNYA KOJIMA	04/28/2020

RECEIVING PARTY DATA

Name:	TERUMO MEDICAL CORPORATION
Street Address:	265 DAVIDSON AVENUE
Internal Address:	SUITE 320
City:	SOMERSET
State/Country:	NEW JERSEY
Postal Code:	08873

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	16864865
Application Number:	16864875

CORRESPONDENCE DATA

Fax Number: (312)715-5155

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: 3127155000

Email: DEBRA.SZUMOWSKI@QUARLES.COM

Correspondent Name: QUARLES & BRADY LLP

Address Line 1: 300 N. LASALLE STREET, SUITE 4000

Address Line 4: CHICAGO, ILLINOIS 60654

ATTORNEY DOCKET NUMBER:	171887.00041&171887.00042
NAME OF SUBMITTER:	JAMES J. AQUILINA
SIGNATURE:	/James J. Aquilina/
DATE SIGNED:	05/01/2020

Total Attachments: 2

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PATENT 506041948 REEL: 052552 FRAME: 0031

ASSIGNMENT AND AGREEMENT

Terumo Medical Corporation 265 Davidson Avenue

Junya KOJIMA of Tokawa, Hadano City, Kanagawa, Japan

ASSIGNOR:

ASSIGNEE:

countries to ASSIGNEE.

	Suite 320 Somerset, NJ 08873 United States of America
	Officed States of America
PAT	TENT APPLICATIONS:
(1)	Title: VASCULAR CLOSURE DEVICE AND RELATED METHODS
	Serial Number: 16/864,865
	Filing Date: May 1, 2020
(2)	Title: VASCULAR CLOSURE DEVICE AND RELATED METHODS
	Serial Number: 16/864,875
	Filing Date: May 1, 2020
succ Ame clain with	For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR sold, assigned, and transferred, and does hereby sell, assign, and transfer unto ASSIGNEE and its accessors, assigns, and legal representatives, the entire right, title, and interest for the United States of herica in and to certain inventions relating to improvements for the inventions described, illustrated, and intended in the applications for Letters Patent of the United States of America identified above, together the entire right, title, and interest in and to the applications, and in and to Letters Patent which may be need upon the applications, and upon any division, extension, continuation, or reissue of either thereof.
	ASSIGNOR hereby authorizes ASSIGNEE or ASSIGNEE'S representative to insert the dication serial numbers and the filing dates thereof on this assignment, if that information is unknown at time of execution of this assignment.
regi and	ASSIGNOR hereby also sells, assigns and transfers unto ASSIGNEE, the entire right, title, and erest in and to the invention and in and to applications for Letters Patent and industrial design istrations therefor in all countries foreign to the United States of America, including all rights under any all all international conventions and treaties in respect of the inventions and the applications for Letters ent and industrial design registrations in foreign countries, and ASSIGNOR further authorizes

ASSIGNEE to apply for Letters Patent and industrial design registrations in foreign countries directly in its own name, and to claim priority of the filing date of the applications for Letters Patent of the United States

America to issue Letters Patent upon the aforesaid applications, divisions, extensions, continuations, or reissues to ASSIGNEE, for the sole use and benefit of ASSIGNEE, its successors, assigns, and legal representatives, to the full end of the term(s) for which Letters Patent may be granted, the same as they would have been held and enjoyed by me had this assignment not been made, and ASSIGNOR hereby authorizes and requests the equivalent authorities in foreign countries to issue the patents of their respective

ASSIGNOR hereby authorizes and request the Commissioner of Patents of the United States of

of America under the provisions of any and all international conventions and treaties.

Page 1 of 2 Assignment – 171887.00041 & 171887.00042 ASSIGNOR agrees that, when requested, they will, without charge to ASSIGNEE but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents and industrial design registrations for the inventions in any and all countries and for vesting title thereto in ASSIGNEE, its successors, assigns, and legal representatives or nominees.

ASSIGNOR) covenants with ASSIGNEE, its successors, assigns, and legal representatives that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license, or other encumbrance.

DATE

JUNYA KOJIMA

Page 2 of 2 Assignment - 171887.00041 & 171887.00042

> PATENT REEL: 052552 FRAME: 0033