PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
AYU TAKAGI	05/07/2021

RECEIVING PARTY DATA

Name:	TERUMO CORPORATION		
Street Address:	2-44-1 HATAGAYA, SHIBUYA-KU		
City:	TOKYO		
State/Country:	JAPAN		
Postal Code:	151-0072		

PROPERTY NUMBERS Total: 3

Property Type	Number		
Application Number:	62950039		
Application Number:	17127763		
PCT Number:	US2020066219		

CORRESPONDENCE DATA

Fax Number: (310)327-3466

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: 3107557800

Email: inskeepstaff@inskeeplaw.com **Correspondent Name:** JAMES W. INSKEEP ESQ.

Address Line 1: INTELLECTUAL PROPERTY GROUP INC.

Address Line 2: 2281 W. 190TH STREET, SUITE 200
Address Line 4: TORRANCE, CALIFORNIA 90504

ATTORNEY DOCKET NUMBER:	MVI-CAIS 139318-800 /KH		
NAME OF SUBMITTER:	JAMES W. INSKEEP, ESQ.		
SIGNATURE:	/James W. Inskeep, Reg.# 33910/		
DATE SIGNED:	05/12/2021		

Total Attachments: 3

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PATENT 506658543 REEL: 056214 FRAME: 0643

ASSIGNMENT

WHEREAS, I/We, AYU TAKAGI, the ASSIGNOR(S) herein, has/have invented certain new and useful inventions disclosed in a Provisional application for United States Letters Patent entitled *Minimizing Drug Deposits During Drug Delivery Procedures* filed <u>December 18, 2019</u> as Application Serial No. 62/950,039; a Nonprovisional application for United States Letters Patent entitled *Method And Apparatus For Minimizing Excess Drug Delivery* filed <u>December 18, 2020</u> as Application Serial No. 17/127,763; and in an International Patent Application entitled *Method And Apparatus For Minimizing Excess Drug Delivery* filed <u>December 18, 2020</u> as International Application No. PCT/US2020/066219; and

WHEREAS, TERUMO CORPORATION, a Corporation organized and existing under the laws of Japan, having a place of business at 2-44-1- Hatagaya, Shibuya-ku, Tokyo 151-0072 JAPAN, the ASSIGNEE herein, desires to acquire the entire right, title and interest in and to said inventions, applications and Letters Patent to be granted and issued thereon;

NOW, THEREFORE, for consideration, the receipt and legal sufficiency all of which is hereby acknowledged, I/We, the said ASSIGNOR(S), has/have sold and do hereby sell, assign, transfer and set over unto said ASSIGNEE, its successors and assigns, the entire right, title and interest in and to said inventions and all improvements thereon, in and to said application for Letters Patent thereon, in and to applications underlying, pertaining to or based upon said inventions and applications, including divisional and continuing applications and continuations-in-part, and in and to any and all Letters Patent which may be granted and issued on said inventions and applications, or any of them, not only for, to and in the United States of America, its territories and possessions, but for, to and in all countries foreign thereto, together with and including all priority rights based upon any and all applications in the United States of America covered by this Assignment.

And for the above-named considerations, I/We do hereby agree that I/We will, at the request of said ASSIGNEE, execute any and all applications for Letters Patent for said inventions and any and all other papers and documents and do all other and further lawful acts that said ASSIGNEE may deem necessary or desirable to obtain Letters Patent on said inventions, to secure the grant of such Letters Patent and to perfect and vest in the ASSIGNEE the entire right, title and interest in the inventions, applications and Letters Patent.

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And for the above-named considerations, I/We do hereby authorize and empower the ASSIGNEE, its successors and assigns, to apply for and obtain, in its or their own names, Letters Patent for the said inventions before competent International Authorities and in any and all countries foreign to the United States in which applications for Letters Patent can be so made or Letters Patent so obtained.

DATED at	Aliso Viejo,	CA	, this _ ⁷	_day of	, 20 21 .
	(City, State)	_		DocuSigned by:	フ
		Name:		Ayu Takagi	
ACCEPTEI	OBY:				
DATED at	Tokyo, Japan (City, State)		, this	_ day of	, 20
			TERUMO COF		
			2-44-1- Hatagar		
			Tokyo 151-007	CZ JAPAIN cuSigned by:	
			(Ma	riko Tanaka	
		By (name):	Mariko	Tanaka	
		Title:	Gene	ral Manager	



DELEGATION OF SIGNING AUTHORITY FOR PATENT MATTERS

To Whom It May Concern:

By means of this letter, I, Toshiaki Takagi (the Delegating Official), delegate the authority herein described to Mariko Tanaka, General Manager, Intellectual Property Department, at Terumo Corporation (the Delegate), on the following terms and conditions:

- The delegate may sign, on my behalf, for all patent related matters, including
 matters filed in the U.S., PCT, and foreign patent offices. This authority also
 explicitly includes the ability to sign any and all documents granting Power of
 Attorney to outside patent counsel.
- The effective date of this delegation is the date of my signature below and shall
 run until revoked by the Delegating Official, other Officials with authority, or until
 termination of the Delegate's employment at Terumo Corporation.

Name: Toshiaki Takagi

RECORDED: 05/12/2021

Title: Director and Senior Managing Executive Officer

Date: April 151, 2021

PATENT REEL: 056214 FRAME: 0646