

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT5787801

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MASATSUGU IGARASHI	10/24/2019
RECEIVING PARTY DATA	
Name:	TERUMO KABUSHIKI KAISHA
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16495893
CORRESPONDENCE DATA	
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<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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NAME OF SUBMITTER:	JENNY NIKAIDO
SIGNATURE:	/Jenny Nikaido/
DATE SIGNED:	10/25/2019
Total Attachments: 2	
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ASSIGNMENT

WHEREAS, I/We (herein called "ASSIGNOR(S)"):

1. Masatsugu IGARASHI

Address: c/o TERUMO KABUSHIKI KAISHA, 818 Misonodaira, Fujinomiya-shi, Shizuoka 418-0004,
am/are inventor(s) of the inventions entitled:

BLOOD COMPONENT COLLECTION CASSETTE AND MANUFACTURING METHOD OF THE SAME
for which the following patent application(s):

Application Type	Application Serial No.	Filing Date
Japanese Application	2017-057060	March 23, 2017
PCT International Application	PCT/JP2018/011124	March 20, 2018
US Application	16/495,893	September 20, 2019

was/were submitted or filed (collectively, the "LISTED APPLICATION(S)");

AND WHEREAS, **TERUMO KABUSHIKI KAISHA** (herein called "ASSIGNEE"), an entity organized and existing under the laws of Japan, having a principal place of business at:

**44-1, Hatagaya 2-chome, Shibuya-ku
Tokyo 151-0072 JAPAN**

is desirous of obtaining my/our entire right, title and interest in, to and under the said inventions and the said LISTED APPLICATION(S);

NOW, THEREFORE, for good and valuable consideration the receipt of which is hereby acknowledged, I/we, the said ASSIGNOR(S), have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, my/our entire right, title and interest in, to and under the said invention, and said application(s) herein, including said LISTED APPLICATION(S) and all continuations and subsequent applications, including divisional applications thereof, and national phase applications as applicable; and all patents of the United States which may be granted thereon and all reissues and extensions; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States; together with the right to file such applications and the right to claim for the same the priority of patent application(s) herein, including said LISTED APPLICATION(S) and applications thereof and therefrom, applications for industrial protection under the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and applications thereof and therefrom; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and

reissues thereof;

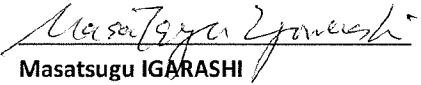
AND I/WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

AND I/WE HEREBY covenant and agree that I/we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith;

AND I/WE HEREBY authorize the above-mentioned ASSIGNEE or its legal representative(s) to insert in this instrument the filing date and serial number of said application(s) or any other information that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document;

AND I/WE HEREBY further covenant and agree that I/we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me/us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all continuing and subsequent applications, including divisional, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain, maintain, and enforce proper protection for said invention in any and all countries;

IN TESTIMONY WHEREOF, I/we hereunto set my/our hands and seals the day and year set opposite my/our signatures.

<p>Assignor 1 Date: <u>10/24/2019</u></p> <p> Masatsugu IGARASHI</p>

Additional assignors on additional sheets: NO