504758304 02/01/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MASARU NANBA	12/18/2017
TAKASHI ANDOU	12/18/2017
YUI SUGITA	01/09/2018
SEI MURAKAMI	12/19/2017
HIROYUKI MATSUDA	12/21/2017

RECEIVING PARTY DATA

Name:	HITACHI, LTD.
Street Address:	6-6, MARUNOUCHI 1-CHOME, CHIYODA-KU,
City:	TOKYO
State/Country:	JAPAN
Postal Code:	100-8280
Name:	FUJIMORI KOGYO CO., LTD.
Name: Street Address:	FUJIMORI KOGYO CO., LTD. 23-7, NISHI-SHINJUKU 1-CHOME, SHINJUKU-KU,
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Street Address:	23-7, NISHI-SHINJUKU 1-CHOME, SHINJUKU-KU,

PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	15749609		

CORRESPONDENCE DATA

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PATENT REEL: 044799 FRAME: 0012

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ATTORNEY DOCKET NUMBER:	ISO-11298			
NAME OF SUBMITTER:	SHRINATH MALUR			
SIGNATURE:	/Shrinath Malur/			
DATE SIGNED:	02/01/2018			
Total Attachments: 4				
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PATENT REEL: 044799 FRAME: 0013

ASSIGNMENT (譲渡証)

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to Masaru NANBA, Takashi ANDOU, Yul SUGITA, Sei MURAKAMI, and Hiroyuki MATSUDA citizens of Japan,

HITACHI, LTD., a corporation organized under the laws of Japan, located at 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo 1008280, JAPAN, and FUJIMORI KOGYO CO., LTD., a corporation organized under the laws of Japan, located at 23-7, Nishi-Shinjuku 1-chome, Shinjuku-ku, Tokyo 160023, Japan, and

receipt of which is hereby acknowledged, we, the said Masaru NANBA, Takashi ANDOU, Yul SUGITA, Sei MURAKAMI, and Hiroyuki MATSUDA, do hereby sell and assign to said HITACHI, LTD. and FUJIMORI KOGYO CO., LTD., their successors and assigns, all our right, title and interest, in and for the United States of America, in and to

SINGLE-USE CELL CULTURING APPARATUS AND CULTURING BAG

Invented by us and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said HITACHI, LTD. and FUJIMORI KOGYO CO., LTD., their successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made;

And we hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of said above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said HITACHI, LTD. and FUJIMORI KOGYO CO., LTD..

Signed on the date(s) indicated aside signatures:

INVENTOR(S)
(発明者フルネームサイン)

(発明者フルネームサイン)

(発生)

(発生)

(発生)

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				Yul	SUGITA						
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ASSIGNMENT

(譲渡証)

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to Masaru NANBA, Takashi ANDOU, Yui SUGITA, Sei MURAKAMI, and Hiroyuki MATSUDA citizens of Japan, by

HITACHI, LTD., a corporation organized under the laws of Japan, located at 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo 1008280, JAPAN, and FUJIMORI KOGYO CO., LTD., a corporation organized under the laws of Japan, located at 23-7, Nishi-Shinjuku 1-chome, Shinjuku-ku, Tokyo 160023, Japan, and

receipt of which is hereby acknowledged, we, the said Masaru NANBA, Takashi ANDOU, Yui SUGITA, Sei MURAKAMI, and Hiroyuki MATSUDA, do hereby sell and assign to said HITACHI, LTD. and FUJIMORI KOGYO CO., LTD., their successors and assigns, all our right, title and interest, in and for the United States of America, in and to

SINGLE-USE CELL CULTURING APPARATUS AND CULTURING BAG

invented by us and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said HITACHI, LTD. and FUJIMORI KOGYO CO., LTD., their successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made;

And we hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of said above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said HITACHI, LTD. and FUJIMORI KOGYO CO., LTD.

Signed on the date(s) indicated aside signatures:

	inventor(s)	Date Signed
	(発明者アルネームサイン)	(署名目)
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1)		
	Masaru NANBA	
	sascons a saviana	
2)		
1		
	Takashi ANDOU	

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3)		
	Yui SUGITA	
4)		
	Sei MURAKAMI	
5)	Way to Ardala	December 21, 2011
	Hiroyuki MATSUDA	

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