PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ITSUSEI KASHIWAGI	04/20/2017
NOBUTOMO ITANI	04/20/2017
YUUJI KOUNOSU	04/20/2017

RECEIVING PARTY DATA

Name:	FANUC CORPORATION	
Street Address:	3580, SHIBOKUSA AZA-KOMANBA	
Internal Address:	OSHINO-MURA, MINAMITSURU-GUN	
City:	YAMANASHI	
State/Country:	JAPAN	
Postal Code:	401-0597	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15611747

CORRESPONDENCE DATA

Fax Number: (703)518-5499

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: 703-684-1111

Email:bjhgroup@ipfirm.comCorrespondent Name:HAUPTMAN HAM, LLP

Address Line 1: 2318 MILL ROAD Address Line 2: SUITE 1400

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	4639-656
NAME OF SUBMITTER:	BENJAMIN J. HAUPTMAN
SIGNATURE:	/Benjamin J. Hauptman/
DATE SIGNED:	06/02/2017

Total Attachments: 1

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PATENT REEL: 042569 FRAME: 0621

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U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter "ASSIGNOR") by FANUC CORPORATION (Insert ASSIGNEE's Name(s) 3580, Shibokusa Aza-Komanba, Oshino-mura, Minamitsuru-gun, Address(es)) Yamanashi 401-0597, Japan (hereinafter "ASSIGNEE"), the receipt of which is hereby seknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIONEE the entire and exclusive right, title and interest to the invention entitled CELL PRODUCTION SYSTEM INCLUDING MANUFACTURING CELL FOR (Title of AUTONOMOUS MANUFACTURING relating to International Patent Application PCT/JP and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was: (Insert date (a) executed on Assignee's attorney is hereby authorized to insert in (b) the specified of execution of application, (b) filed on Serial No. concurrent) and to said application and all Letters Patentis) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patentisi may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)". The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any higation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing swom testimony, and obtaining and producing evidence. IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s). Itsusci Kashiwagi April 20, 2017 (Signatures) (TYPE NAME) (DATE) Nobutomo Itani April 20, 2017 (TYPE NAME) Yuuji Kounosu April 20, 2017 (TYPE NAME) (DATE) (TYPE NAME) (SIGNATURE) (DATE) (SIGNATURE) (TYPE NAME) (DATE) (SIGNATURE) (TYPE NAME) (DATE) (SIGNATURE) (TYPE NAME) (DATE)

(TYPE NAME)

PATENT REEL: 042569 FRAME: 0622

(DATE)

RECORDED: 06/02/2017

(SIGNATURE)