505353813 03/01/2019

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5400598

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RYO SAKAI	01/10/2019
NOBUTAKA KIMURA	01/12/2019

RECEIVING PARTY DATA

Name:	HITACHI, LTD.	
Street Address:	6-6, MARUNOUCHI 1-CHOME	
City:	CHIYODA-KU, TOKYO	
State/Country:	JAPAN	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16289742

CORRESPONDENCE DATA

Fax Number: (202)628-8844

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 2026242500

Email: edocket@crowell.com, nbrown@crowell.com

Correspondent Name: CROWELL & MORING LLP

Address Line 1: P.O. BOX 14300

Address Line 4: WASHINGTON, D.C. 20044-4300

ATTORNEY DOCKET NUMBER:	114917.PC077US	
NAME OF SUBMITTER:	MICHAEL H. JACOBS	
SIGNATURE:	/Michael H. Jacobs/	
DATE SIGNED:	03/01/2019	

Total Attachments: 2

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> **PATENT REEL: 048479 FRAME: 0848** 505353813

ASSIGNMENT

(譲渡証)

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me by HITACHI, LTD.,

a corporation organized under the laws of Japan,

located at 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo, Japan

receipt of which is hereby acknowledged I do hereby sell and assign to said HITACHI, LTD.,

its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

ROBOT WORK SYSTEM AND METHOD OF CONTROLLING ROBOT WORK SYSTEM

invented by me (if only one is named below) or us (if plural inventors are named below) 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.,

its 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 me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-inpart, 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 I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said HITACHI, LTD.

Signed on the date(s) indicated aside signatures:

INVENTOR(S) (署名日) (発明者フルネームサイン) Ryo SAKAI Nobutaka KIMURA 2)

> **PATENT** REEL: 048479 FRAME: 0849

Date Signed

ASSIGNMENT

(譲渡証)

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me by HITACHI, LTD.,

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invented by me (if only one is named below) or us (if plural inventors are named below) 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.,

its 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 me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the 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 I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said HITACHI, LTD.

Signed on the date(s) indicated aside signatures:

INVENTOR(S) 〈発明者フルネームサイン) Date Signed (署名目)

	Ryo SAKAI	
1)		
		 •
	Nobulaka KIMURA	
	hobertole His 2019	
2)	1000 ulake Remire January 12, 2017	 _

PATENT REEL: 048479 FRAME: 0850

RECORDED: 03/01/2019