

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
YUTA KAMOSHITA	01/10/2017
TADASHI KAWAGUCHI	01/10/2017
TERUO AKIYAMA	01/10/2017
KENJI OSHIMA	01/10/2017
KOJI SAITO	01/10/2017
NOBORU IIDA	01/10/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	KOMATSU LTD.
<b>Street Address:</b>	2-3-6, AKASAKA, MINATO-KU
<b>City:</b>	TOKYO
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	107-8414
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15501269
<b>CORRESPONDENCE DATA</b>	
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<b>Phone:</b>	2024787375
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<b>Correspondent Name:</b>	LOCKE LORD LLP
<b>Address Line 1:</b>	P.O. BOX 55874
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<b>ATTORNEY DOCKET NUMBER:</b>	1451345.645US9
<b>NAME OF SUBMITTER:</b>	JAMES E. ARMSTRONG, IV
<b>SIGNATURE:</b>	/James E. Armstrong, IV/
<b>DATE SIGNED:</b>	02/02/2017
<b>Total Attachments: 3</b>	

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**PATENT**

**REEL: 041158 FRAME: 0288**

## 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  
(Insert Name(s) & Address(es) of ASSIGNEE(S))

KOMATSU LTD.

2-3-6, Akasaka, Minato-ku, Tokyo 107-8414 Japan

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled  
(Title of Invention)

CONTROL SYSTEM, WORK MACHINE, AND CONTROL METHOD

relating to International Patent Application PCT/JP2016/072447 and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(a) executed on \_\_\_\_\_; (Insert date of execution of application, if not concurrent)

(b) filed on \_\_\_\_\_



Serial No. \_\_\_\_\_ / \_\_\_\_\_

Assignee's attorney is hereby authorized to insert in (b) the specified data, when known.

and to said application and all Letters Patent(s) 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 Patent(s) 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 litigation 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 sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

1) <u></u> (Signature)	Yuta KAMOSHITA (Type Name)	January 10, 2017 (Date)
2) <u>Tadashi Kawaguchi</u> (Signature)	Tadashi KAWAGUCHI (Type Name)	January 10, 2017 (Date)
3) _____ (Signature)	Teruo AKIYAMA (Type Name)	_____ (Date)
4) <u></u> (Signature)	Kenji OSHIMA (Type Name)	January 10, 2017 (Date)
5) _____ (Signature)	Koji SAITO (Type Name)	_____ (Date)
6) <u>Noboru Hida</u> (Signature)	Noboru HIDA (Type Name)	January 10, 2017 (Date)

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3) <u>Teruo Akiyama</u> (Signature)	Teruo AKIYAMA (Type Name)	January 10, 2017 (Date)
4) _____ (Signature)	Kenji OSHIMA (Type Name)	_____ (Date)
5) _____ (Signature)	Koji SAITO (Type Name)	_____ (Date)
6) _____ (Signature)	Noboru IIDA (Type Name)	_____ (Date)

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5) Koji Saito (Signature)	Koji SAITO (Type Name)	January 10, 2017 (Date)
6) _____ (Signature)	Noboru IIDA (Type Name)	_____ (Date)