

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Kentaro Murakami</td> <td>06/11/2013</td> </tr> <tr> <td>Tadashi Kawaguchi</td> <td>06/11/2013</td> </tr> <tr> <td>Makoto Hashimoto</td> <td>06/11/2013</td> </tr> </tbody> </table>		Name	Execution Date	Kentaro Murakami	06/11/2013	Tadashi Kawaguchi	06/11/2013	Makoto Hashimoto	06/11/2013
Name	Execution Date								
Kentaro Murakami	06/11/2013								
Tadashi Kawaguchi	06/11/2013								
Makoto Hashimoto	06/11/2013								
RECEIVING PARTY DATA									
Name:	Komatsu Ltd.								
Street Address:	2-3-6, Akasaka, Minato-ku								
City:	Toyko								
State/Country:	JAPAN								
Postal Code:	107-8414								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13994386</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13994386				
Property Type	Number								
Application Number:	13994386								
CORRESPONDENCE DATA									
Fax Number:	6172274420								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
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NAME OF SUBMITTER:	James E. Armstrong, IV								
Signature:	/James E. Armstrong, IV/								
Date:	06/14/2013								
Total Attachments: 1 source=93416_Assignment#page1.tif									

CH \$40.00 13994386

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)

BATTERY CHARGE/DISCHARGE CONTROL DEVICE, BATTERY CHARGE/DISCHARGE CONTROL METHOD, AND HYBRID WORKING MACHINE WITH BATTERY CHARGE/DISCHARGE CONTROL DEVICE

relating to International Patent Application PCT/JP2012/073545 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>Kentaro MURAKAMI</u> (Signature)	<u>Kentaro MURAKAMI</u> (Type Name)	<u>Jun. 11, 2013</u> (Date)
2)	<u>Tadashi Kawaguchi</u> (Signature)	<u>Tadashi KAWAGUCHI</u> (Type Name)	<u>Jun. 11, 2013</u> (Date)
3)	<u>Makoto HASHIMOTO</u> (Signature)	<u>Makoto HASHIMOTO</u> (Type Name)	<u>Jun. 11, 2013</u> (Date)
4)	_____ (Signature)	_____ (Type Name)	_____ (Date)
5)	_____ (Signature)	_____ (Type Name)	_____ (Date)

PATENT