

03-23-2010

SHEET

12/733749



To the Director of the U.S. Patent and Trademark Office  
103592611

attached documents or the new address(es) below.

3/18/10

**1. Name of conveying party(ies):**  
Tadashi Kawaguchi (01/27/2010), Jun Morinaga (01/27/2010), and Hiroaki Inoue (01/27/2010)  
Additional name(s) of conveying party(ies) attached?  Yes  No

**2. Name and address of receiving party(ies)**  
Name: Komatsu Ltd.  
Internal Address: \_\_\_\_\_  
Street Address: 2-3-6, Akasaka Minato-ku Tokyo 107-8414 JAPAN  
City: \_\_\_\_\_  
State: \_\_\_\_\_  
Country: \_\_\_\_\_ Zip: \_\_\_\_\_  
Additional name(s) & address(es) attached?  Yes  No

**3. Nature of conveyance/Execution Date(s):**  
Execution Date(s): in parentheses after inventor name  
 Assignment  Merger  Change of Name  
 Security Agreement  Joint Research Agreement  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other \_\_\_\_\_

**4. Application or patent number(s):**  This document is being filed together with a new application.  
A. Patent Application No.(s)  
12/733749  
Additional numbers attached?  Yes  No

B. Patent No.(s)  
  
 Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**  
Name: William L. Brooks EDWARDS ANGELL PALMER & DODGE LLP  
Internal Address: Atty. Dkt.: 85736(302753)  
Street Address: P.O. Box 55874  
City: Boston  
State: MA Zip: 02205  
Phone Number: (202) 478-7376  
Fax Number: (866) 658-1050  
Email Address: wbrooks@eapdlaw.com

**6. Total number of applications and patents involved:** 1  
**7. Total fee (37 CFR 1.21(h) & 3.41)** \$ 40.00  
 Authorized to be charged to deposit account  
 Enclosed  
 None required (government interest not affecting title)

**8. Payment Information**  
Deposit Account Number 04-1105  
Authorized User Name William L. Brooks

**9. Signature:**  
William L. Brooks Signature March 18, 2010 Date  
Name of Person Signing  
Total number of pages including cover sheet, attachments, and documents: 2

03/22/2010 MJAMA1 00000024 041105 12733749  
01 FC:0021 40.00 DA

IP01 Rec'd PCT 18 MAR 2010

U.S. ASSIGNMENT

12/733749

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)

ENGINE CONTROL APPARATUS

relating to International Patent Application PCT/JP2008/066434 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>Tadashi Kawaguchi</u> (Signature)	<u>Tadashi KAWAGUCHI</u> (Type Name)	<u>JAN. 27, 2010</u> (Date)
2) <u>Jun Morinaga</u> (Signature)	<u>Jun MORINAGA</u> (Type Name)	<u>Jan. 27, 2010</u> (Date)
3) <u>Hiroaki Inoue</u> (Signature)	<u>Hiroaki INOUE</u> (Type Name)	<u>JAN. 27, 2010</u> (Date)
4) _____ (Signature)	_____ (Type Name)	_____ (Date)
5) _____ (Signature)	_____ (Type Name)	_____ (Date)