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the attached original documents or copy thereof.

Fumihide SATO and Kenji MIHARA

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: September 9, 1998 and September 14, 1998,
respectively

2. Name and Address of receiving party(ies):

Name: KOMATSU LTD.

Internal Address:

Street Address: 3-6, Akasaka 2-chome,
Minato-ku.

City: Tokyo State: JAPAN ZIP: 107

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

09/146.811

B. Patent No.(s)

Additional numbers attached? Yes ☒ No ☐

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **SIDLEY & AUSTIN**

Internal Address: Attn: James W. Williams

Street Address: 717 North Harwood
Suite 3400

City: Dallas **State:** TX **ZIP:** 75201-6507

6. Total Number of applications and patents involved: 1

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November 6, 1998

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ASSIGNMENT

In consideration of the sum of One Dollar (U.S. \$1.00) in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned,

Fumihide SATO and Kenji MIHARA

hereby sells, assigns and transfers to KOMATSU LTD., a corporation duly organized under the laws of Japan, and having a place of business at 3-6, Akasaka 2-chome, Minato-ku, Tokyo 107 Japan, (hereinafter called Assignee) the entire right, title, and interest in and to any and all improvements which are disclosed in the application for United States Letters Patent entitled

APPARATUS AND METHOD FOR PREDICTING REPLACEMENT TIMING OF ENGINE LUBRICATING OIL

which application was filed on **September 4, 1998** and accorded Serial No. 09/146,811;

including said application and any and all divisions, continuations, and substitutes thereof and any and all United States Letters Patents which may be granted therefor and any and all extensions, reissues, renewals or reexaminations thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property.

It is hereby authorized and requested that the Commissioner of Patents issue any and all of said Letters Patent, when granted, to said Assignee.

Further, it is agreed that, when requested, without charge to but at the expense of said Assignee, the undersigned will execute all divisional, continuing, substitute, renewal, and reissue patent applications; execute all rightful other papers; and generally do everything possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection.

Signed at Oyama-Shi, JAPAN, the 9
day of September, 1998.

Sep. 9/98
F. S

Fumihide Sato
Fumihide SATO

Signed at Oyama-Shi, JAPAN, the 14
day of September, 1998.

Kenji Mihara
Kenji MIHARA