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Attorney Docket No. 052306

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Submission type: XX NewConveyance type: XX Assignment

Conveying Party(ies):	(Last, First, Middle Initial)	Execution Date
First party	Name: HORAGUCHI, Norihisa	March 31, 2005
Second party	Name: MATSUO, Shiki	March 31, 2005
Third party	Name: KOMETANI, Hideo	March 31, 2005
Fourth party	Name: ISHIKAWA, Naomoto	March 31, 2005
Fifth party	Name: SEKO, Tatsushi	March 31, 2005
Sixth party	Name: KINOSHITA, Yusuke	March 31, 2005
Seventh party	Name: SETO, Masaru	March 31, 2005
Eighth party	Name: HITOTSUMATSU, Kimihito	March 31, 2005

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

## Receiving Party (ies):

First party Name: MITSUBISHI HEAVY INDUSTRIES, LTD.  
Address: 16-5, Konan 2-Chome, Minato-ku, Tokyo 108-8215, JAPAN

Second party Name: SATO SPECIAL OIL CO., LTD.  
Address: 1-4-17, Imafuku-higashi, Joto-ku, Osaka 536-0002, JAPAN

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

## Domestic Representative Name and Address (Enter for the first Receiving Party only)

WESTERMAN, HATTORI, DANIELS & ADRIAN, LLP  
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Washington, D.C. 20036  
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PATENT  
REEL: 016708 FRAME: 0692

## Correspondent Name and Address

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WESTERMAN, HATTORI, DANIELS &amp; ADRIAN, LLP

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Pages Enter the total number of pages of the attached conveyance document: 1

(including any attachments, but not counting cover sheets)

Application Number(s) or Patent Number(s) Additional numbers attached? Yes ☐ No ☒ XX

A. Patent Application No.(s)

B. Patent No.(s)

11/087,741 filed on March 24, 2005

If this document is being filed together with a new application, enter the date the application was signed by the first named executing inventor: \_\_\_\_\_

(Do not recite both application and patent numbers.)

## Patent Cooperation Treaty (PCT)

PCT \_\_\_\_\_

Enter PCT application number only if

PCT \_\_\_\_\_

a U.S. Application Number has not been assigned

PCT \_\_\_\_\_

Number of Properties Enter the total number of properties involved: 1

## Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41). . . . . \$40.00

☒ Enclosed☐ Authorized to be charged to Deposit Account No.: 50-2866

## Statement and signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Scott M. Daniels

Name of Person Signing

June 20, 2005

Date



Signature

32,562

Registration No.

**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 ASSIGNEE's  
Name(s) Address(es))

(1) **MITSUBISHI HEAVY INDUSTRIES, LTD.**

of 16-5, Konan 2-Chome, Minato-ku, Tokyo 108-8215, JAPAN

(2) **SATO SPECIAL OIL CO., LTD.**

of 1-4-17, Imafuku-higashi, Joto-ku, Osaka 536-0002, 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)

LUBRICATING OIL COMPOSITION

(\*If the assignment is  
being filed after the  
filing of the  
application, this  
section must be  
completed)

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

\* filed on \_\_\_\_\_ Serial No. \_\_\_\_\_  
March / 24 / 2005

(Westerman, Hattori, Daniels & Adrian, LLP is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefore on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

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

(Signatures)

<u>NORIHISA HORAGUCHI</u> (Signature)	<u>Norihisa HORAGUCHI</u> (Type Name)	<u>March 31, 2005</u> (Date)
<u>Shiki Matsuo</u> (Signature)	<u>Shiki MATSUO</u> (Type Name)	<u>March 31, 2005</u> (Date)
<u>Hideo Kometani</u> (Signature)	<u>Hideo KOMETANI</u> (Type Name)	<u>March 31, 2005</u> (Date)
<u>Naomoto Ishikawa</u> (Signature)	<u>Naomoto ISHIKAWA</u> (Type Name)	<u>March 31, 2005</u> (Date)
<u>Tatsushi SEKO</u> (Signature)	<u>Tatsushi SEKO</u> (Type Name)	<u>March 31, 2005</u> (Date)
<u>Yusuke Kinoshita</u> (Signature)	<u>Yusuke KINOSHITA</u> (Type Name)	<u>March 31, 2005</u> (Date)

NO LEGALIZATION REQUIRED

**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 ASSIGNEE's  
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(Title of Invention)

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for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

\* filed on March 24 Serial No. 2005

(Westerman, Hattori, Daniels & Adrian, LLP is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefore on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

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The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

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

(Signatures)

<u>Masaru SETO</u> (Signature)	<u>Masaru SETO</u> (Type Name)	<u>March 31, 2005</u> (Date)
<u>Kimihito HITOTSUMATSU</u> (Signature)	<u>Kimihito HITOTSUMATSU</u> (Type Name)	<u>March 31, 2005</u> (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)

NO LEGALIZATION REQUIRED