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DEPARTMENT OF COMMERCE
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Commissioner for Patents: Please record the attached original documents or copy thereof. 102056230

Submission type: X New

1-2-02

Conveyance type: X Assignment

Conveying Party(ies):	(Last, First, Middle Initial)	Execution Date
First party	Name: KAWAHARA, Yasuyuki	December 10, 2001
Second party	Name: TAKAHASHI, Kouji	December 10, 2001
Third party	Name: TAKII, Makiko	December 10, 2001
Fourth party	Name:	
Fifth party	Name:	

Additional name(s) of conveying party(ies) attached? Yes No X**Receiving Party (ies):**

First party	Name:	NEW JAPAN CHEMICAL CO., LTD.
	Address:	13, Yoshijima Yagura-cho, Fushimi-ku, Kyoto-shi, Kyoto 612-8224, Japan

Additional name(s) & address(es) attached? Yes No XX**Domestic Representative Name and Address** (Enter for the first Receiving Party only)

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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)

##

10,019287

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If this document is being filed together with a new application, enter the date the application was signed by the first named executing inventor: December 10, 2001

(Do not recite both application and patent numbers.)

Patent Cooperation Treaty (PCT)PCT PCT/JP00/04838Enter PCT application number only ifPCT

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

XX Enclosed Authorized to be charged to Deposit Account No.: 01-2340**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.

Stephen G. Adrian

Name of Person Signing

Signature

January 2, 2002

Date

32,878

Registration No.

Rev. 11/00

SGA/yap

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))

NEW JAPAN CHEMICAL CO., LTD., of
13, Yoshijima Yagura-cho, Fushimi-ku, Kyoto-shi, Kyoto 612-8224, 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
DICARBOXYLIC DIESTER, PROCESS FOR PRODUCING THE SAME, AND
REFRIGERATING MACHINE LUBRICATING OIL COMPRISING THE ESTER

(Title of Invention)

(*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. _____
(Armstrong, Westerman, Hattori, McLeland & Naughton 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 therefor 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>Y. Kawahara</u> (SIGNATURE)	<u>KAWAHARA Yasuyuki</u> (TYPE NAME)	<u>December 10, 2001</u> (DATE)
<u>K. Takahashi</u> (SIGNATURE)	<u>TAKAHASHI Kouji</u> (TYPE NAME)	<u>December 10, 2001</u> (DATE)
<u>M. Takii</u> (SIGNATURE)	<u>TAKII Makiko</u> (TYPE NAME)	<u>December 10, 2001</u> (DATE)
_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
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_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)

PATENT