



mdl 10/6/98

10-14-1998

KAS-114



100848991

PATENTS ONLY (ref OG 7/28/92)

To the Honorable Commissioner of Patents and Trademarks:
Please record the attached original document or copy thereof.

1. Name of Party(ies) conveying an interest:
Koji KAWASAKI; Shigehisa FUNABASHI;
Zenji KANEKO; Masaki KANAHARA;
Koji TAHARA
2. Name and Address of Party(ies) receiving an interest:
HITACHI CONSTRUCTION
MACHINERY CO., LTD.
6-2, Ohtemachi 2-chome
Chiyoda-ku, Tokyo, JAPAN
3. Description of the interest conveyed: Assignment
4. Application number(s) or patent number(s).
Additional sheet attached? Yes XXX No
If this document is being filed together with a new application,
the execution date of the application is:
DATE
- A. Patent Application No.(s)
09/077,937
- B. Patent No.(s)
5. Name and address of party to whom correspondence concerning document should be mailed:
Thomas E. Beall, Jr.
Fay, Sharpe, Beall,
Fagan, Minnich & McKee
104 East Hume Avenue
Alexandria, Virginia 22301
6. Number of applications and patents involved: One
7. Amount of fee enclosed or authorized to be charged: \$40.00
8. The Commissioner is hereby authorized to charge Deposit Account No. 02-1540 if no check is attached.

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40.00 DP

9. Execution date of attached document: December 11, 1997
10. To the best of my knowledge and belief, I declare under penalty of perjury under the laws of the United States of America that the foregoing information is true and correct and that any attached copy is a true copy of the original document.

John R. Mattingly
Name of Person Signing

John R. Mattingly
Signature

October 1, 1998
Date

Total number of pages being submitted: 2

PATENT
REEL: 9497 FRAME: 0527

377/wo-us (#31)
4/12/97 PCT

ASSIGNMENT

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by HITACHI CONSTRUCTION MACHINERY CO., LTD., a corporation organized under the laws of Japan, located at 6-2, Ohtemachi 2-chome, Chiyoda-ku, Tokyo, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said HITACHI CONSTRUCTION MACHINERY CO., LTD., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

"ENGINE COOLING SYSTEM"

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said HITACHI CONSTRUCTION MACHINERY CO., LTD., its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said HITACHI CONSTRUCTION MACHINERY CO., LTD.

Signed on the date(s) indicated aside signatures:

INVENTOR(S)	Date Signed	Witness(es)
1) <u>Koji Kawasaki</u> Koji KAWASAKI	<u>November 27, 1997</u>	<u>Hiroaki Tokairin</u>
2) <u>Shigehisa Funabashi</u> Shigehisa FUNABASHI	<u>December 11, 1997</u>	<u>Hiroaki Tokairin</u>
3) <u>Zenji Kaneko</u> Zenji KANEKO	<u>November 27, 1997</u>	<u>Hiroaki Tokairin</u>
4) <u>Masaki Kanahara</u> Masaki KANAHARA	<u>November 27, 1997</u>	<u>Hiroaki Tokairin</u>
5) <u>Hoji Tahara</u> Koji TAHARA Nov. 26, 1997	<u>November 26, 1997</u>	<u>Hiroaki Tokairin</u>
6) <u>Hoji Tahara</u> <u>Hoji Tahara</u>		
7) _____		
8) _____		
9) _____		
10) _____		

RECORDED: 10/01/1998

PATENT
REEL: 9497 FRAME: 0528