

03-23-1999

Attorney Docket No. 381AS/47679

Form PTO-1595  
DEPARTMENT OF COMMERCE  
(Rev. 6-93)  
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PATENTS ONLY

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Patent

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

## 1. Name of conveying party(ies):

Toshimichi MINOWA  
Tatsuya OCHI  
Hiroshi KUROIWA  
Mitsuyoshi OKADA  
Junichi NODA

Additional name(s) of conveying party(ies) attached?  
☐ yes ☒ no

## 2. Name and address of receiving party(ies)

Name: HITACHI, LTD. and HITACHI CAR ENGINEERING CO., LTD.

Internal Address:

Street Address: 6, Kanda Surugadai 4-chome  
Chiyoda-ku, Tokyo Japan

and

2477, Takaba  
Hitachinaka-shi  
Ibaraki-ken Japan

Additional name(s) &amp; address(es) attached?

☐ yes ☒ no

## 3. Nature of Conveyance:

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

Execution Date: March 5, 1999

## 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)

B. Patent No(s).

Not Yet Assigned

09.271334 Additional numbers attached? ☐ Yes ☒ No

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

Evenson, McKeown, Edwards  
& Lenahan, P.L.L.C.  
1200 G Street, N.W., Suite 700  
Washington, D.C. 20005

6. Total number of applications and patents involved: 17. Total Fee (37 CFR 3.41): \$ 40.00

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## 9. 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.

Name James F. McKeown

Reg. No. 25,406

March 18, 1999  
Date

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PATENT

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## ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar(\$1.00) or the equivalent thereof, and other good and valuable consideration paid to Toshimichi MINOWA, Tatsuya OCHI, Hiroshi KUROIWA, Mitsuyoshi OKADA, and Junichi NODA,

citizens of Japan by HITACHI, LTD., and HITACHI CAR ENGINEERING CO., LTD., corporations organized under the laws of Japan,

located at 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan, and 2477, Takaba, Hitachinaka-shi, Ibaraki-ken, Japan, respectively,

receipt of which is hereby acknowledged, we, the said Toshimichi MINOWA, Tatsuya OCHI, Hiroshi KUROIWA, Mitsuyoshi OKADA, and Junichi NODA,

do hereby sell and assign to said HITACHI, LTD., and HITACHI CAR ENGINEERING CO., LTD.,

their successors and assigns, all our right, title and interest, in and for the United States of America, in and to "CONTROL APPARATUS AND METHOD FOR AUTOMATIC TRANSMISSION BY OIL PRESSURE ON CLUTCH" invented by us 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, LTD., and HITACHI CAR ENGINEERING CO., LTD.,

their 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 us if this assignment and sale had not been made;

And we hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of said 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 we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said HITACHI, LTD., and HITACHI CAR ENGINEERING CO., LTD.

Signed on the dates indicated aside our signatures:

INVENTORS (発明者フルネームサイン)	Date Signed (署名日)	Witnesses (立会人サイン)
1) <u>Toshimichi Minowa</u> (Toshimichi MINOWA)	<u>March 5, 1999</u>	<u>Mari Yamagata</u>
2) <u>Tatsuya Ochi</u> (Tatsuya OCHI)	<u>March 5, 1999</u>	<u>Mari Yamagata</u>
3) <u>Hiroshi Kuroiwa</u> (Hiroshi KUROIWA)	<u>March 5, 1999</u>	<u>Mari Yamagata</u>
4) <u>Mitsuyoshi Okada</u> (Mitsuyoshi OKADA)	<u>March 5, 1999</u>	<u>Mari Yamagata</u>
5) <u>Junichi Noda</u> (Junichi NODA)	<u>March 5, 1999</u>	<u>Mari Yamagata</u>
6) _____ ( )	_____	_____
7) _____ ( )	_____	_____
8) _____ ( )	_____	_____