

04-16-2001

U.S.  
Patent



101663550

Attorney Docket No. 381AS/48398 PATENT

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

1. Name of conveying party(ies):

Junichi NODA and Hiroshi KUROIWA

Additional name(s) of conveying party(ies) attached?

☐ yes ☒ no

2. Name and address of receiving party(ies)

Name: Hitachi, Ltd.

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

and

Name: Hitachi Car Engineering Co., Ltd.

Address: 2477, Takaba, Hitachinaka-shi,  
Ibaraki-ken, JAPAN

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

☐ yes ☒ no

3. Nature of Conveyance:

☒ Assignment ☐ Merger

☐ Security Agreement ☐ Change of Name

☐ Other:

Execution Date: ==

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: November 5, 1999

A. Patent Application No.(s)

==

B. Patent No(s)

0982474

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: 1

7. Total Fee (37 CFR 3.41): \$ 40.00

☒ Enclosed. Please charge any underpayment in connection with this Assignment to Deposit Account No. 05-1323

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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.

James F. McKeown 31824  
Name James F. McKeown Reg. No. 25,406

November 19, 1999  
Date

TOTAL NUMBER OF PAGES INCLUDING COVER SHEET, ATTACHMENTS, AND DOCUMENT: 2

PATENT

REEL: 011666 FRAME: 0898

**ASSIGNMENT**

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

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 Junichi NODA and Hiroshi KUROIWA,

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, ~~its~~ "CONTROLLER FOR USE WITH AUTOMATIC TRANSMISSION PROVIDED in and to WITH LOCKUP MECHANISM AND MEMORY MEDIUM STORING METHOD FOR CONTROL OF AUTOMATIC TRANSMISSION"

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 extentions 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 ~~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 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, extention, 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>Junichi Noda</u> (Junichi NODA)	November 5, 1999	<u>Mari Yamagata</u>
2) <u>Hiroshi Kuroiwa</u> (Hiroshi KUROIWA)	November 5, 1999	<u>Mari Yamagata</u>
3) _____ ( )	_____	_____
4) _____ ( )	_____	_____
5) _____ ( )	_____	_____
6) _____ ( )	_____	_____
7) _____ ( )	_____	_____
8) _____ ( )	_____	_____