

FORM PTO-1595 (modified)

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1. Name of conveying party(ies):

Sunao HANO
Tomoaki FUJIBAYASHI
Masahiro NAKAMIZO

1-16-03

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

HITACHI UNISIA AUTOMOTIVE, LTD.
1370, Onna, Atsugi-shi
Kanagawa, 243-8510 Japan



Additional conveying party(ies) NO

3. Nature of conveyance:

ASSIGNMENT

Execution Date:

January 10, 2003

Additional name(s) & address(es) attached? NO

4. Application number(s) or patent number(s):

If this is being filed together with a new application, the execution date of the application is: **January 10, 2003**

A. Patent Application Number(s):

B. Patent Number(s):

Additional numbers attached? NO

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

Pavan K. Agarwal
FOLEY & LARDNER
Washington Harbour
3000 K Street, N.W., Suite 500
Washington, D.C. 20007-5143

6. Total number of applications/patents involved: 1

7. Total fee (37 C.F.R. § 3.41): \$40.00

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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. The Commissioner is hereby authorized to charge any additional recordation fees which may be required in this matter to the above-identified deposit account.

Pavan K. Agarwal

January 16, 2003

Name of person signing

Signature

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Total number of pages including cover sheet, attachments, and document: 2

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

name and address of assignee

HITACHI UNISIA AUTOMOTIVE, LTD.
1370, Onna, Atsugi-shi,
Kanagawa 243-8510 Japan

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to

title of invention

BRAKE CONTROL APPARATUS AND METHOD

as set forth in his/her United States Patent Application

check one

- (X) executed concurrently herewith
- () executed on _____
- () Serial No. _____ Filed _____

in and to said United States Patent Application including any and all divisions or continuations and Convention applications based in whole or in part on said invention or upon said application, including the right to make applications for Letters Patents throughout the world in respect to the invention and to claim priority under the International Convention for the Protection of Industrial Property, and in and to any and all Letters Patent of any country which may issue on any such application or for said invention, including any and all reissues, reexaminations, or extensions, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not be made;


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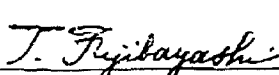
Each of the undersigned warrants and covenants that he/she has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he/she has not executed and will not execute any document or instrument in conflict herewith;

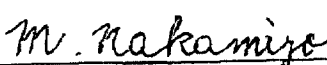
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names and signatures of inventors

 date 01/10/2003
Name: Sunao Hano

 date 01/10/2003
Name: Tomoaki Fujibayashi

 date 01/10/2003
Name: Masahiro Nakamizo

Name: _____