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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

101746753

To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying parties:
Osamu Iida

05/31/01
Additional name(s) & party(ies) attached? Yes No

2. Name and address of receiving party(ies):
Name: Robert Bosch Corporation
Internal Address: 2800 South 25th Avenue
Broadview, Illinois 60155-4594

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Dates: May 31, 2001

Street Address: _____
City: _____ State: _____ Zip: _____
Additional name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s): Disclosure No. R.75331 (00/7561)
If this document is being filed together with a new application, the execution date of the application is: May 31, 2001
A. Patent Application No.(s)
09/872380
Additional numbers attached? Yes No

B. Patent No.(s)

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Leo H. McCormick, Jr.
Internal Address: Bosch Braking Systems
Law Department
Street Address: 2112 Mishawaka Avenue
P.O. Box 4721
City: South Bend State: IN Zip: 46634

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 3.41)\$ 40.00
 Enclosed
 Authorized to be charged to deposit account
8. Deposit account number: 02-3222
(Attach duplicate copy of this page if paying by deposit account)
Payee No. 020962

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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.
Leo H. McCormick, Jr. *Leo H. McCormick, Jr.* May 31, 2001
Name of Person Signing Signature Date
Total number of pages including cover sheet, attachments, and document: 2

Mail documents to be recorded with required cover sheet information to:
Director of the United States Patent and Trademark Office
Washington, D.C. 20231

PATENT
REEL: 011879 FRAME: 0270

ASSIGNMENT

Bosch File: R.75331(00/7561)

WHEREAS, Osamu lida, 401 North Bendix Drive, South Bend, Indiana 46530 U.S.A. (hereinafter "Assignor") has invented certain new and useful improvements in a Disc Brake, hereinafter "invention", for which Assignor is making or has made application for LETTERS PATENT OF THE UNITED STATES, which application has been duly executed by Assignor on date(s) listed below.

AND WHEREAS, Robert Bosch Corporation, a corporation organized and existing under the laws of the State of Delaware, U.S.A., having a place of business at 2800 South 25th Avenue, Broadview, Illinois 60155-4594, U.S.A., hereinafter called the Assignee, is desirous of acquiring the entire right, title and interest in and to said invention within the United States of America and its territorial possessions and all foreign countries and any United States or foreign LETTERS PATENT that may be granted therefor.

NOW, THIS INDENTURE WITNESSETH, that for good and valuable considerations, the receipt whereof is hereby acknowledged, Assignors has assigned, sold and transferred, and does hereby assign, sell and transfer to the said Assignee the entire right, title and interest in and to the said invention, within the United States of America and its territorial possessions and all foreign countries and in and to any LETTERS PATENT of the United States and foreign countries, including utility models, inventor's certificates and like government grants, and all divisions, reissues, continuations and extensions thereof that may be granted therefor, and the right to apply for LETTERS PATENT in foreign countries with full benefit of such priorities as may now or hereafter be granted to Assignors by local laws or by treaty including any international convention, for the protection of industrial property, together with the right to extend the protection of said U.S. LETTERS PATENT to the various territorial possessions now owned or which may be hereafter acquired by the United States of America, all said rights to be held and enjoyed by the Assignee for its own use and benefit. and for the use and benefit of its successors or assigns, to the full end of the term for which said LETTERS PATENT may be granted, as fully and entirely as the same would have been held and enjoyed by Assignors if this assignment and sale had not been made. And Assignors does hereby request and authorize the Commissioner of Patents and Trademarks, U.S.A., to issue said U.S. LETTERS PATENT, when granted, in accordance with this assignment.

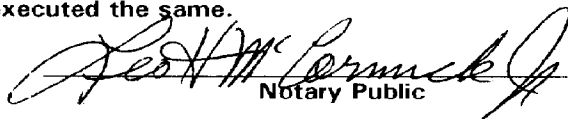
Assignors further covenants and agrees with the Assignee that Assignors has a full and unencumbered title to the invention hereby assigned, which title Assignors warrants unto the Assignee, and Assignors further agrees that Assignors will, without demanding any further consideration therefor, at the request but at the expense of the Assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, that may be or become necessary for obtaining, sustaining, extending, reissuing or reexamining United States and foreign LETTERS PATENT or the like for the said invention, and for maintaining and perfecting the Assignee's right to said invention and LETTERS PATENT particularly in cases of interference conflict, opposition and litigation.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 31st day of May 2001.


Osamu lida

STATE OF Indiana)
)ss.:
County of St Joseph)

On this 31st day of May 2001, before me personally appeared Osamu lida, to me known and known to me to be the individual(s) described in and who executed the foregoing instrument, and t(he)y acknowledged to me that t(he)y executed the same.


Notary Public

[SEAL]

LEO H. Mc CORMICK, JR.
Notary Public, State of Indiana
My Commission Expires Oct. 16, 2001