

## PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Hiroki TAKEDA</td> <td>03/15/2013</td> </tr> <tr> <td>Tohma YAMAGUCHI</td> <td>03/15/2013</td> </tr> </tbody> </table>		Name	Execution Date	Hiroki TAKEDA	03/15/2013	Tohma YAMAGUCHI	03/15/2013				
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Tohma YAMAGUCHI	03/15/2013										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Hitachi Automotive Systems, Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>2520, Takaba, Hitachinaka-shi,</td> </tr> <tr> <td>City:</td> <td>Ibaraki</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>312-8503</td> </tr> </table>		Name:	Hitachi Automotive Systems, Ltd.	Street Address:	2520, Takaba, Hitachinaka-shi,	City:	Ibaraki	State/Country:	JAPAN	Postal Code:	312-8503
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: 2027218250</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 202-721-8200</p> <p>Email: wlp@wenderoth.com</p> <p>Correspondent Name: Wenderoth, Lind &amp; Ponack, L.L.P.</p> <p>Address Line 1: 1030 15th Street, N.W.</p> <p>Address Line 2: Suite 400 East</p> <p>Address Line 4: Washington, DISTRICT OF COLUMBIA 20005</p>											
ATTORNEY DOCKET NUMBER:	2013_0469A										
NAME OF SUBMITTER:	Kelly Fore										
Signature:	/Kelly Fore/										
Date:	04/12/2013										
<p>Total Attachments: 2</p> <p>source=ASSIGNMENT#page1.tif</p> <p>source=ASSIGNMENT#page2.tif</p>											

OP \$40.00 13825624

# ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned

Insert Name(s)  
of Inventor(s)

Hiroki TAKEDA and Tohma YAMAGUCHI

the undersigned hereby sell(s) and assign(s) to

Insert Name(s)  
of Assignee(s)

Hitachi Automotive Systems, Ltd.

Address

of 2520, Takaba, Hitachinaka-shi, Ibaraki 312-8503 Japan

(hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC 100, in the invention known as

Title of  
Invention

BRAKE CONTROL APPARATUS

(filed on March 22, 2013 under USSN. 13/825624)  
for which an application for patent in the United States has been executed by the undersigned

Date of  
Signing  
of Application

on March 15, 2013

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of WENDEROTH, LIND & PONACK, L.L.P., 2033 K Street, N.W., Suite 800, Washington, D.C. 20006-1021, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date 3/15/2013, Name of the Inventor Hiroki Takeda Hiroki TAKEDA

Date 3/15/2013, Name of the Inventor Tohma Yamaguchi Tohma YAMAGUCHI

Date \_\_\_\_\_, Name of the Inventor \_\_\_\_\_

Date \_\_\_\_\_, Name of the Inventor \_\_\_\_\_

Date \_\_\_\_\_, Name of the Inventor \_\_\_\_\_

Date \_\_\_\_\_, Name of the Inventor \_\_\_\_\_

Date \_\_\_\_\_, Name of the Inventor \_\_\_\_\_

(This assignment should preferably be acknowledged before a United States Consul. If not, then the execution by the Inventor(s) should be witnessed by at least two witnesses who sign here.)

Witness Daisuke Goto

Witness Makoto Matsuura

## ACKNOWLEDGMENT

\_\_\_\_\_  
\_\_\_\_\_ } ss

This \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally came the above-named me personally known as the individual(s) who executed the foregoing assignment, who did acknowledge to me that he (they) executed the same of his (their) own free will for the purposes therein set forth.

SEAL

\_\_\_\_\_  
Official Signature

\_\_\_\_\_  
Official Title

The above application may be more particularly identified as follows:

U.S. Application Serial No. \_\_\_\_\_ Filing Date \_\_\_\_\_

Applicant Reference Number \_\_\_\_\_ Atty Docket No. \_\_\_\_\_

Title of Invention \_\_\_\_\_