

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Kazuya Terashima	09/18/2011
Katsuma Tsuruoka	09/18/2011
Koji Numakura	09/18/2011
RECEIVING PARTY DATA	
Name:	HITACHI AUTOMOTIVE SYSTEMS, LTD.
Street Address:	2520, Takaba, Hitachinaka-shi,
City:	Ibaraki
State/Country:	JAPAN
Postal Code:	312-8503
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13301857
CORRESPONDENCE DATA	
Fax Number:	(703)312-6666
Phone:	703-312-6600
Email:	svannarath@antonelli.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	ANTONELLI, TERRY, STOUT & KRAUS, LLP
Address Line 1:	1300 NORTH SEVENTEENTH STREET
Address Line 2:	SUITE 1800
Address Line 4:	ARLINGTON, VIRGINIA 22209-3873
ATTORNEY DOCKET NUMBER:	1478.51817X00
NAME OF SUBMITTER:	Paul J. Skwierawski
Total Attachments: 1 source=51817X00ASN#page1.tif	

OP \$40.00 13301857

501731855

PATENT
REEL: 027267 FRAME: 0553

ASSIGNMENT

U.S. Rights - Sole or Joint

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 AUTOMOTIVE SYSTEMS, LTD.
2520, Takaba, Hitachinaka-shi,
Ibaraki 312-8503 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 APPARATUS

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;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

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;

Each of the undersigned further covenants and agrees that at any time upon request of said ASSIGNEE, its successors, legal representatives or assigns he/she will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him/her relating to said invention or patent application and that he/she will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues, reexaminations, or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of **ANTONELLI, TERRY, STOUT & KRAUS, LLP** the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

K.T. 09/18/2011

names and
signatures
of
inventors

Kazuya Terashima date 09/18/2011
Name: Kazuya Terashima

Katsuma Tsuruoka date 09/18/2011
Name: Katsuma Tsuruoka

Koji Numakura date 09/18/2011
Name: Koji Numakura

Name: _____