

**PATENT ASSIGNMENT**

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
Kaoru Hirotsu	08/30/2011
Darrell Quander	08/23/2011
Steven Reilly	08/23/2011

**RECEIVING PARTY DATA**

<b>Name:</b>	HONDA MOTOR CO., LTD.
<b>Street Address:</b>	1-1, Minami-Aoyama 2-chome
<b>Internal Address:</b>	Minato-ku
<b>City:</b>	Tokyo
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	107-8556

<b>Name:</b>	BARNES GROUP INC.
<b>Street Address:</b>	10367 Brecksville Road
<b>City:</b>	Brecksville
<b>State/Country:</b>	OHIO
<b>Postal Code:</b>	44141

**PROPERTY NUMBERS Total: 1**

Property Type	Number
<b>Application Number:</b>	13164852

**CORRESPONDENCE DATA**

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**CH \$40.00 13164852**

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ATTORNEY DOCKET NUMBER:

SHO-34862

NAME OF SUBMITTER:

David E. Spaw

Total Attachments: 2

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## ASSIGNMENT

WHEREAS, new and useful improvements have been made by the undersigned  
in

### FLUID CYLINDER MECHANISM

that are the subject of an application for a U.S. Patent, (Application No. 13/164,852,  
filed June 21, 2011), which application is further identified as Rankin, Hill & Clark LLP  
Docket No. SHO-34862.

WHEREAS, HONDA MOTOR CO., LTD., a corporation of Japan, and having a  
place of business at 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo, 107-8556 Japan,  
and Barnes Goup Inc., a corporation of Japan, and having a place of business at 10367  
Brecksville Road, Brecksville, OH 44141 UNITED STATES OF AMERICA, hereinafter  
referred to as "assignee", is desirous of acquiring all right, title, and interest throughout  
the world in, to, and under said improvements and inventions and patent rights therefor.

NOW, THEREFORE, be it known that, for valuable consideration, the receipt  
and sufficiency of which are hereby acknowledged, all right, title, and interest, in the  
United States and throughout the world, in, to and under said improvements and  
inventions and all patents, patent applications, patent rights, and inventor's certificates  
thereof, therefor, and therein, including without limitation said application for patent in  
the United States, all divisions and continuations thereof, all patents which may be  
granted thereon, all reissues and extensions thereof, all right to sue for past  
infringement thereunder, all patents which may be granted for said improvements and  
inventions by states or nations other than the United States, or by other authority, entity,  
or organization, and all applications therefor, have been and are hereby sold, assigned,  
transferred, and delivered unto assignee, its successors and assigns; and it is  
covenanted and agreed by the undersigned, and for executors, administrators, and  
legal representatives of the undersigned, that at assignee's request any and all  
applications, affidavits, assignments, and other instruments will be made, executed,  
and delivered as may be necessary, or desirable to secure for or vest in assignee, its  
successors or assigns, any improvement, inventions, right, title, interest, application,  
patent, patent right or other right or property covered by this assignment, and the  
United States Commissioner of Patents and Trademarks is hereby requested and  
authorized to issue any and all United States patents granted on any of said  
applications to assignee as owner of the entire right, title, and interest in, to, and under  
the same, and appropriately empowered officials of foreign countries are hereby  
authorized to issue any letters patent granted on any of said applications to assignee as  
owner of the entire right, title and interest in, to, and under the same.

The undersigned hereby grants the firm of Rankin, Hill & Clark LLP 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 and Trademark Office for  
recordation of this document.

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

(1) Inventor Name (sole or joint): Kaoru HIROTANI  
Signature: *Kaoru Hirotani*  
Today's Date: August 30, 2011

Witness: \_\_\_\_\_  
Witness: \_\_\_\_\_

(2) Inventor Name (joint): Darrell QUANDER  
Signature: *Darrell Quander Jr*  
Today's Date: 8/23/11

Witness: *Nebraska Feld*  
Witness: *[Signature]*

(3) Inventor Name (joint): Steven REILLY  
Signature: *Steven Reilly*  
Today's Date: 8/23/2011

Witness: *Nebraska Feld*  
Witness: *[Signature]*