

PATENT ASSIGNMENT

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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>Hidenobu Anzai</td> <td>07/24/2013</td> </tr> <tr> <td>Koji Sakurai</td> <td>07/24/2013</td> </tr> <tr> <td>Shin-ichi Kuroda</td> <td>07/24/2013</td> </tr> </tbody> </table>		Name	Execution Date	Hidenobu Anzai	07/24/2013	Koji Sakurai	07/24/2013	Shin-ichi Kuroda	07/24/2013		
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Fujikura Kasei Co., Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>20-7, Hasune 3-chome</td> </tr> <tr> <td>City:</td> <td>Itabashi-ku, Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>174-0046</td> </tr> </table>		Name:	Fujikura Kasei Co., Ltd.	Street Address:	20-7, Hasune 3-chome	City:	Itabashi-ku, Tokyo	State/Country:	JAPAN	Postal Code:	174-0046
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
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ATTORNEY DOCKET NUMBER: SHG-183P2

NAME OF SUBMITTER: Randall S. Jackson, Jr.

Signature: /Randall S. Jackson, Jr./

Date: 07/25/2013

Total Attachments: 2
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ASSIGNMENT OF INVENTION AND PATENTS THEREON

For valuable consideration, I/we, the inventor(s) named below, hereby assign to (1) FUJIKURA KASEI CO., LTD. and (2) National University Corporation Gunma University a Corporation of Japan and having a place of business at (1) 20-7, Hasune 3-chome, Itabashi-ku, Tokyo 174-0046 Japan; and (2) 2, Aramaki-machi 4-chome, Maebashi-shi, Gunma 371-8510 Japan, and its successors and assigns (collectively hereinafter called "the Assignee"), my/our entire right, title and interest throughout the world in the inventions and improvements which are subject of our application for United States Patent executed on even date herewith, entitled

FRictional-FORCE VARIABLE COMPACT AND FRictional-FORCE VARIABLE STRUCTURE

this assignment including said application, any continuation, division or continuation-in-part thereof and/or substitute therefor, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Name of (check one) Sole Assignor Joint Assignor

<u>Hidenobu ANZAI</u> Typed Name	<u>Hidenobu Anzai</u> Signature	<u>July 24, 2013</u> Date
<u>Koji SAKURAI</u> Typed Name	<u>Koji Sakurai</u> Signature	<u>July 24, 2013</u> Date
<u>Shin-ichi KURODA</u> Typed Name	_____ Signature	_____ Date

JP 20-033PCT
 osp 49125
 US 7/8 1/1

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 a _____ Corporation _____ of _____ Japan _____ and having a place of business at
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(2) 2, Aramaki-machi 4-chome, Maebashi-shi, Gunma 371-8510 Japan _____, and its
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 design registrations granted for any of said inventions or improvements, and the right to claim
 priority based on the filing date of said application under the International Convention for the
 Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention,
 and all other treaties of like purposes; and authorize the Assignee to apply in all countries in our
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Name of (check one) _____ Sole Assignor Joint Assignor

Hidenobu ANZAI _____ Typed Name	_____ Signature	_____ Date
Koji SAKURAI _____ Typed Name	_____ Signature	_____ Date
Shin-ichi KURODA _____ Typed Name	<u>Shin-ichi Kuroda</u> _____ Signature	July 24, 2013 _____ Date