

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>Daisuke NAKATA</td> <td>01/13/2012</td> </tr> <tr> <td>Tsukasa FUKASAWA</td> <td>01/13/2012</td> </tr> <tr> <td>Eiji NAKAMURA</td> <td>01/13/2012</td> </tr> <tr> <td>Takahiro OKANO</td> <td>01/13/2012</td> </tr> </tbody> </table> | | Name | Execution Date | Daisuke NAKATA | 01/13/2012 | Tsukasa FUKASAWA | 01/13/2012 | Eiji NAKAMURA | 01/13/2012 | Takahiro OKANO | 01/13/2012 |
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| <table border="1"> <tr> <td>Name:</td> <td>TOYOTA JIDOSHA KABUSHIKI KAISHA</td> </tr> <tr> <td>Street Address:</td> <td>1, Toyota-cho</td> </tr> <tr> <td>City:</td> <td>Toyota-shi, Aichi-ken</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>471-8571</td> </tr> </table> | | Name: | TOYOTA JIDOSHA KABUSHIKI KAISHA | Street Address: | 1, Toyota-cho | City: | Toyota-shi, Aichi-ken | State/Country: | JAPAN | Postal Code: | 471-8571 |
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| PROPERTY NUMBERS Total: 1 | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13260040</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 13260040 | | | | | | |
| Property Type | Number | | | | | | | | | | |
| Application Number: | 13260040 | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | |
| <p>Fax Number: (202)220-4201 Phone: 202-220-4200 Email: mkuspa@kenyon.com <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: KENYON & KENYON LLP Address Line 1: 1500 K STREET N.W. Address Line 2: SUITE 700 Address Line 4: Washington, DISTRICT OF COLUMBIA 20005-1257</p> | | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | 14974/2 | | | | | | | | | | |
| NAME OF SUBMITTER: | Matthew G. Kuspa | | | | | | | | | | |
| Total Attachments: 3 source=14974-2_Assignment#page1.tif source=14974-2_Assignment#page2.tif source=14974-2_Assignment#page3.tif | | | | | | | | | | | |

OP \$40.00 13260040

ASSIGNMENT

WHEREAS, we, Daisuke NAKATA, Japanese, Tsukasa FUKASAWA, Japanese, Eiji NAKAMURA Japanese, and Takahiro OKANO, Japanese have made new and useful improvements in an invention entitled BRAKE CONTROLLING DEVICE, for which we are about to make application for Letters Patent of the United States, said application having been executed on even date hereof; and

WHEREAS, **TOYOTA JIDOSHA KABUSHIKI KAISHA**, having its principal place of business at ~~1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571, JAPAN~~, (hereinafter "ASSIGNEE") is desirous of acquiring the entire right, title and interest in and to said application and the invention therein described and claimed, and to any Letters Patent that may be granted therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, in consideration for the equivalent of One U.S. Dollar (U.S. \$1.00) and other valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservations:

1. Assign, transfer, and convey to Assignee the entire right, title, and interest in and to any inventions and discoveries described in said application, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in any and all countries, including all divisional, renewal, reissue, re-examination, substitute, continuation, international, foreign and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent.

2. Authorize Assignee to file patent applications in any or all countries for any or all of said inventions and discoveries in our name or in the name of Assignee or otherwise as Assignee may deem advisable, under an International Convention or otherwise.

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as Assignee of the entire right, title, and interest therein or otherwise as Assignee may direct.

4. Warrant that we have not conveyed to others any right, title, or interest in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; that we have good right to assign the same to Assignee without encumbrance; and that we are ware of no claim to the contrary.

5. Bind our heirs, legal representatives, and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said

patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me, my heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in my control or in the control of my heirs, legal representatives, or assigns which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries; and to testify to the same in any interference, arbitration, or litigation.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 13th day
of January, 2012.

Daisuke Nakata

Name: Daisuke NAKATA

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 13th day
of January, 2012.

Tsukasa Fukasawa

Name: Tsukasa FUKASAWA

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 13th day of
January, 2012.

Eiji Nakamura

Name: Eiji NAKAMURA

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 13th day
of January, 2012.

Takahiro Okano
Name: Takahiro OKANO
