

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>Hideki NAKAMURA</td> <td>04/09/2012</td> </tr> <tr> <td>Masahiko IBAMOTO</td> <td>04/09/2012</td> </tr> <tr> <td>Tatsuro ABE</td> <td>04/09/2012</td> </tr> </tbody> </table>		Name	Execution Date	Hideki NAKAMURA	04/09/2012	Masahiko IBAMOTO	04/09/2012	Tatsuro ABE	04/09/2012
Name	Execution Date								
Hideki NAKAMURA	04/09/2012								
Masahiko IBAMOTO	04/09/2012								
Tatsuro ABE	04/09/2012								
RECEIVING PARTY DATA									
Name:	HITACHI NICO TRANSMISSION CO., LTD.								
Street Address:	405-3, Yoshinocho 1-chome, Kita-ku								
City:	Saitama-shi, Saitama 331-0811								
State/Country:	JAPAN								
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>13392968</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13392968				
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Application Number:	13392968								
CORRESPONDENCE DATA									
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ATTORNEY DOCKET NUMBER:	5449-176 US (58800)								
NAME OF SUBMITTER:	Diane Dunn McKay								
Total Attachments: 2 source=2094574-Assignment#page1.tif source=2094574-Assignment#page2.tif									

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Porzio, Bromberg & Newman P.C.
29 Thanet Road, Suite 201, Princeton,
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ASSIGNMENT

Application No. 13/392,968 Filed April 26, 2012

Insert Name(s) of Inventor(s) ***** (Given Name FAMILY NAME (ALL CAPS)) *****

WHEREAS, NAKAMURA, Hideki, IBAMOTO, Masahiko and ABE, Tatsuro (hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in:
TWIN-CLUTCH TYPE HYBRID TRANSMISSION

Insert Title of Invention

for which an application for Letters Patent of the United States of America has been executed by the undersigned (except in the case of a provisional application)

Insert Date of Signing of Application
Insert Name of Assignee

on _____ ;
and

Insert Address of Assignee

WHEREAS, Hitachi Nico Transmission Co., Ltd.
of 405-3, Yoshinocho 1-Chome, Kita-ku, Saitama-shi, Saitama 331-0811 Japan

CHECK BOX IF APPROPRIATE

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and in any foreign countries.

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignees the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries;

and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.

in equal undivided amounts unless specific undivided amounts are listed below:

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignees 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, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignees in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the 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 of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignees and to vest all rights therein hereby conveyed to said Assignees as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignees, as Assignees of the entire interest, and hereby covenants that he has (they have) the 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 law firm of Porzio, Bromberg & Newman P.C. 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 U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

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

Date	<u>9 April 2012</u> ,	Name of Inventor	<u>Hidehi Nakamura</u> (signature) NAKAMURA, Hideki
Date	<u>9 April 2012</u> ,	Name of Inventor	<u>Masahiko Ibamoto</u> (signature) IBAMOTO, Masahiko
Date	<u>9 April 2012</u> ,	Name of Inventor	<u>Tatsuro Abe</u> (signature) ABE, Tatsuro
Date	_____	Name of Inventor	_____ (signature)
Date	_____	Name of Inventor	_____ (signature)
Date	_____	Name of Inventor	_____ (signature)