

## PATENT ASSIGNMENT COVER SHEET

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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>KAZUTAKA TANAKA</td> <td>09/09/2013</td> </tr> <tr> <td>YASUYUKI MATSUDA</td> <td>09/10/2013</td> </tr> <tr> <td>TAKASHI IMANISHI</td> <td>09/09/2013</td> </tr> <tr> <td>EIJI INOUE</td> <td>09/09/2013</td> </tr> <tr> <td>HIROYASU YOSHIOKA</td> <td>09/09/2013</td> </tr> <tr> <td>TSUTOMU HIBI</td> <td>09/10/2013</td> </tr> </tbody> </table>		Name	Execution Date	KAZUTAKA TANAKA	09/09/2013	YASUYUKI MATSUDA	09/10/2013	TAKASHI IMANISHI	09/09/2013	EIJI INOUE	09/09/2013	HIROYASU YOSHIOKA	09/09/2013	TSUTOMU HIBI	09/10/2013
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<table border="1"> <tr> <td>Name:</td> <td>NSK LTD.</td> </tr> <tr> <td>Street Address:</td> <td>6-3, OHSAKI 1-CHOME, SHINAGAWA-KU</td> </tr> <tr> <td>City:</td> <td>TOKYO</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>141-8560</td> </tr> </table>		Name:	NSK LTD.	Street Address:	6-3, OHSAKI 1-CHOME, SHINAGAWA-KU	City:	TOKYO	State/Country:	JAPAN	Postal Code:	141-8560				
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Application Number:	14005217														
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ATTORNEY DOCKET NUMBER:	20118-131541-US														

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NAME OF SUBMITTER:	STEPHEN S. FAVAKEH
Signature:	/Stephen S. Favakeh/
Date:	10/07/2013
<p>Total Attachments: 7</p> <p>source=20118-131541Assignment#page1.tif</p> <p>source=20118-131541Assignment#page2.tif</p> <p>source=20118-131541Assignment#page3.tif</p> <p>source=20118-131541Assignment#page4.tif</p> <p>source=20118-131541Assignment#page5.tif</p> <p>source=20118-131541Assignment#page6.tif</p> <p>source=20118-131541Assignment#page7.tif</p>	

ASSIGNMENT

We, **Kazutaka TANAKA**, of Kanagawa, Japan, **Yasuyuki MATSUDA**, of Kanagawa, Japan, **Takashi IMANISHI**, of Kanagawa, Japan, **Eiji INOUE**, of Kanagawa, Japan, **Hiroyasu YOSHIOKA**, of Kanagawa, Japan, and **Tsutomu HIBI**, of Kanagawa, Japan, for good and valuable consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign to **NSK Ltd.**, a Japanese corporation, having its principal place of business at 6-3, Ohsaki 1-chome, Shinagawa-ku, Tokyo, 141-8560, Japan, its successors, assigns and legal representatives, the entire right, title and interest, in and to all subject matter invented by us and disclosed in the application for Letters Patent of the United States entitled

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signed by each of us contemporaneously with the execution of this assignment; and in and to all Letters Patent and all Convention and Treaty rights of all kinds, including the right to claim priority from said application, and all rights in and to any continuation, continuation-in-part, and divisional application therefrom, and any reissue or re-examination as to any Letters Patent issuing therefrom, in all countries throughout the world, for all such subject matter described therein, including all rights of action and rights to recover damages for past infringements. We agree to sign all documents necessary to secure all said Letters Patent and rights, and request issuance of all said Letters Patent to the above assignee in accordance with this assignment.

We hereby authorize and request our attorneys, Fitch, Even, Tabin & Flannery, LLP, of 120 South LaSalle Street, Suite 1600, Chicago, Illinois 60603-3406, to insert here in parenthesis (Application No. 14/005,217, filed September 13, 2013) the filing date and application number of said application when known.

9th - sept, 2013

田中 一宇  
Kazutaka TANAKA

10<sup>th</sup>, Sep., 2013

Yasuyuki Matsuda  
Yasuyuki MATSUDA

9th - Sept., 2013

今西 尚

Takashi IMANISHI

9th - Sept, 2013

井上 英司  
Eiji INOUE

9th - Sept, 2013

吉岡 宏泰

Hiroyasu YOSHIOKA

10th - Sept., 2013

日比 勉  
Tsutomu HIBI