

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>MITSUAKI KOYAMA</td> <td>05/21/2012</td> </tr> <tr> <td>TAKERU MUTOH</td> <td>05/21/2012</td> </tr> <tr> <td>HIROKI Iwai</td> <td>05/22/2012</td> </tr> <tr> <td>RYOICHI ICHIKAWA</td> <td>05/22/2012</td> </tr> </tbody> </table>		Name	Execution Date	MITSUAKI KOYAMA	05/21/2012	TAKERU MUTOH	05/21/2012	HIROKI Iwai	05/22/2012	RYOICHI ICHIKAWA	05/22/2012
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<table border="1"> <tr> <td>Name:</td> <td>NIHON DEMPA KOGYO CO., LTD.</td> </tr> <tr> <td>Street Address:</td> <td>SASAZUKA NA BLDG., 1-50-1, SASAZUKA, SHIBUYA-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>151-8569</td> </tr> </table>		Name:	NIHON DEMPA KOGYO CO., LTD.	Street Address:	SASAZUKA NA BLDG., 1-50-1, SASAZUKA, SHIBUYA-KU,	City:	TOKYO	State/Country:	JAPAN	Postal Code:	151-8569
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: (510)580-7280</p> <p>Email: usa@jcipgroup.com.tw</p> <p><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: JIANQ CHYUN INTELLECTUAL PROPERTY OFFICE</p> <p>Address Line 1: 7F.-1, NO. 100, ROOSEVELT RD., SEC. 2,</p> <p>Address Line 4: TAIPEI, TAIWAN 100</p>											
ATTORNEY DOCKET NUMBER:	42563-US-981										
NAME OF SUBMITTER:	Belinda Lee										
<p>Total Attachments: 2</p> <p>source=42563us_assgn#page1.tif</p> <p>source=42563us_assgn#page2.tif</p>											

CH \$40.00 13528838

ASSIGNMENT

WHEREAS,

- | | |
|--------------------|---------------------|
| 1. MITSUAKI KOYAMA | 2. TAKERU MUTOH |
| 3. HIROKI IWAI | 4. RYOICHI ICHIKAWA |

hereinafter referred to as ASSIGNOR, has/have invented certain new and useful improvements as described and set forth in the below identified application for United States Letters Patent:

Title: **EXTERNAL FORCE DETECTION APPARATUS AND EXTERNAL FORCE DETECTION SENSOR**

[] Filed: Serial No.

[x] Executed concurrently with the execution of this instrument

WHEREAS, NIHON DEMPA KOGYO CO., LTD.
of SASAZUKA NA BLDG., 1-50-1, SASAZUKA, SHIBUYA-KU,
TOKYO151-8569, JAPAN

hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNOR'S interest in the said invention and application and in any U.S. Letters Patent which may be granted on the same:

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has/have sold, assigned and transferred, and by these presents does/do sell, assign and transfer unto the said Assignee, and Assignee's successors and assigns, all his/her/their rights, title and interest in and to the said invention and application and all future improvements thereon, and in and to any Letters Patent which may hereafter be granted on the same in the United States, the said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignor had this Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees/agree that he/she/they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee Lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

ASSIGNMENT CONTINUED

IN TESTIMONY WHEREOF, Assignor has/have signed his/her/their name(s) on the date(s) indicated.

Signature: 
Sole or First Joint Inventor: MITSUAKI KOYAMA

Date: May. 21. 2012

Signature: Takeru Mutoh
Second Joint Inventor: TAKERU MUTOH

Date: May. 21. 2012

Signature: Hiroki Iwai
Third Joint Inventor: HIROKI IWAI

Date: May. 22. 2012

Signature: Ryoichi Ichikawa
Fourth Joint Inventor: RYOICHI ICHIKAWA

Date: May 22. 2012