

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT										
NATURE OF CONVEYANCE:	Corrective Assignment to correct the first conveying party's name previously recorded on Reel 030227 Frame 0625. Assignor(s) hereby confirms the first conveying party's correct name is Ken-ichi Hayashi.										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Ken-ichi Hayashi</td> <td>02/19/2013</td> </tr> <tr> <td>Hiroyuki Omiya</td> <td>02/19/2013</td> </tr> </tbody> </table>		Name	Execution Date	Ken-ichi Hayashi	02/19/2013	Hiroyuki Omiya	02/19/2013				
Name	Execution Date										
Ken-ichi Hayashi	02/19/2013										
Hiroyuki Omiya	02/19/2013										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>HAYASHI TELEMPU CO., LTD.</td> </tr> <tr> <td>Street Address:</td> <td>4-5, Kamimaezu 1-chome, Naka-ku</td> </tr> <tr> <td>City:</td> <td>Nagoya-shi</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>460-0013</td> </tr> </table>		Name:	HAYASHI TELEMPU CO., LTD.	Street Address:	4-5, Kamimaezu 1-chome, Naka-ku	City:	Nagoya-shi	State/Country:	JAPAN	Postal Code:	460-0013
Name:	HAYASHI TELEMPU CO., LTD.										
Street Address:	4-5, Kamimaezu 1-chome, Naka-ku										
City:	Nagoya-shi										
State/Country:	JAPAN										
Postal Code:	460-0013										
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>13717625</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13717625						
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Application Number:	13717625										
CORRESPONDENCE DATA											
<p>Fax Number: 9497609502  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 9497600404    Email: efilling@knobbe.com    Correspondent Name: Knobbe Martens Olson &amp; Bear LLP    Address Line 1: 2040 Main Street    Address Line 2: 14th Floor    Address Line 4: Irvine, CALIFORNIA 92614</p>											
ATTORNEY DOCKET NUMBER:	WAKAB111.002AUS										
NAME OF SUBMITTER:	Tsuneaki Nishimura										
Signature:	/tsuneaki nishimura/										

OP \$40.00 13717625

Date:

07/19/2013

**Total Attachments: 4**

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<b>PATENT ASSIGNMENT</b>
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Ken-ichi Kayashi	02/19/2013
Hiroyuki Omiya	02/19/2013
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	HAYASHI TELEMPU CO., LTD.
<b>Street Address:</b>	4-5, Kamimaezu 1-chome, Naka-ku
<b>City:</b>	Nagoya-shi
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	460-0013
<b>PROPERTY NUMBERS Total: 1</b>	
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<b>Phone:</b>	9497600404
<b>Email:</b>	efiling@knobbe.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Correspondent Name:</b>	Knobbe Martens Olson & Bear LLP
<b>Address Line 1:</b>	2040 Main Street
<b>Address Line 2:</b>	14th Floor
<b>Address Line 4:</b>	Irvine, CALIFORNIA 92614
<b>ATTORNEY DOCKET NUMBER:</b>	WAKAB111.002AUS

PATENT

REEL: 030833 FRAME: 0918

<b>NAME OF SUBMITTER:</b>	Daniel Altman
<b>Signature:</b>	/daniel altman/
<b>Date:</b>	04/16/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).
<b>Total Attachments: 2</b> source=WAKAB111-002AUS-DEC-ASSIGN#page1.tif source=WAKAB111-002AUS-DEC-ASSIGN#page2.tif	
<b>RECEIPT INFORMATION</b>	
<b>EPAS ID:</b>	PAT2354774
<b>Receipt Date:</b>	04/16/2013
<b>Fee Amount:</b>	\$40

**PATENT**

**COMBINED DECLARATION & ASSIGNMENT  
UNDER 37 CFR 1.63(e)**

Attorney Reference No.: \_\_\_\_\_

Page 1 of 2

Title: \_\_\_\_\_

Legal Names of All Inventors: \_\_\_\_\_

Please Direct All Correspondence to Customer Number **20995**

***Declaration of Inventors***

As an individual executing this Declaration, I hereby declare that:

This Declaration is directed to the invention identified above that: (check one)

- Is attached, where "attached" means filed concurrently with.
- Was filed on December 17, 2012 as U.S. Application No. 13/717625.
- Was filed on \_\_\_\_\_ as International Application No. PCT/JP \_\_\_\_\_.

The above-identified application was made or authorized to be made by me.

I believe I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

***Assignment from Inventors***

WHEREAS, the inventor(s) identified above (individual(s) hereinafter "ASSIGNOR") invented certain new and useful improvements, technology, inventions, developments, ideas or discoveries while under an obligation to assign related to the title identified above (collectively hereinafter referred to as the "Work") for which the application identified above has been or will be filed (hereinafter the "Application").

AND WHEREAS, HAYASHI TELEMPU CO., LTD., with its principal place of business at 4-5, Kamimaezu 1-chome, Naka-ku, Nagoya-shi, Aichi 460-0013 Japan (hereinafter the "ASSIGNEE"), desires to acquire the entire right, title, and interest in and to the Application and the Work.

NOW, THEREFORE, for good and valuable consideration of which receipt is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in the Application and the Work, including all patent properties filed or issued upon the Application and the Work; where "Patent Properties" include, but are not limited to:

all provisional applications relating thereto (including but not limited to U.S. Provisional Application No(s). \_\_\_\_\_ filed \_\_\_\_\_ (respectively if plural applications));

all nonprovisional applications claiming priority to aforementioned provisional(s) and/or the present Application, including, all divisions, continuations, continuations-in-part, and reissues, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof; and

all rights of priority under International Conventions and any related Letters Patent which may hereafter be granted or filed in any country or countries foreign to the United States, all extensions, renewals and reissues thereof.

ASSIGNOR hereby acknowledges the ASSIGNEE as the Applicant for all aforementioned patent properties, and authorizes and requests the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as

**COMBINED DECLARATION & ASSIGNMENT  
UNDER 37 CFR 1.63(e)**

Attorney Reference No.: \_\_\_\_\_

Page 2 of 2

Title: \_\_\_\_\_

Legal Names of All Inventors: \_\_\_\_\_

**Please Direct All Correspondence to Customer Number 20995**

aforesaid, to issue all related Letters Patent to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Work, and testify in any legal proceeding, assist in the preparation of any other Patent Property relating to the Application and the Work or any improvements made thereto, sign/execute all lawful papers, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Work in all countries.

1. Legal Name of Inventor: Ken-ichi HAYASHI

Signature of Inventor: 林 健一 Date: February 19, 2013

2. Legal Name of Inventor: Hiroyuki OMIYA

Signature of Inventor: 大宮 宏文 Date: February 19, 2013

3. Legal Name of Inventor: \_\_\_\_\_

Signature of Inventor: \_\_\_\_\_ Date: \_\_\_\_\_

4. Legal Name of Inventor: \_\_\_\_\_

Signature of Inventor: \_\_\_\_\_ Date: \_\_\_\_\_

5. Legal Name of Inventor: \_\_\_\_\_

Signature of Inventor: \_\_\_\_\_ Date: \_\_\_\_\_

13855866  
082412

**PATENT**

**RECORDED: 07/19/2013**

**REEL: 030833 FRAME: 0921**