

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>Yoshitaka AOYAMA</td> <td>07/05/2012</td> </tr> <tr> <td>Shoji AOYAMA</td> <td>07/05/2012</td> </tr> </tbody> </table>		Name	Execution Date	Yoshitaka AOYAMA	07/05/2012	Shoji AOYAMA	07/05/2012
Name	Execution Date						
Yoshitaka AOYAMA	07/05/2012						
Shoji AOYAMA	07/05/2012						
RECEIVING PARTY DATA							
Name:	Yoshitaka AOYAMA						
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Postal Code:	590-0114						
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>13577274</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13577274		
Property Type	Number						
Application Number:	13577274						
CORRESPONDENCE DATA							
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ATTORNEY DOCKET NUMBER:	2012_1144A						
NAME OF SUBMITTER:	Janae Johnson						
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif							

OP \$40.00 13577274

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned

Insert Name(s) of Inventor(s) Yoshitaka AOYAMA and Shoji AOYAMA

Insert Name(s) of Assignee(s) the undersigned hereby sell(s) and assign(s) to

Address Yoshitaka Aoyama
of 20-11, Makitsukadai 2-cho, Minami-ku, Sakai-shi, Osaka 590-0114, Japan

(hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC 100, in the invention known as

Title of Invention COMPONENT DETECTION DEVICE AND COMPONENT DETECTION METHOD

Date of Signing of Application for which an application for patent in the United States has been executed by the undersigned
on July 5, 2012

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee 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 or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for 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 patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) 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 firm of WENDEROTH, LIND & PONACK, L.L.P., 1030 15th Street, N.W., Suite 400 East Washington, D.C. 20005-1503, 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 United States Patent Office for recordation of this document.

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

Date JULY 5, 2012, Name of the Inventor Yoshitaka AOYAMA

Date July 5, 2012, Name of the Inventor Shoji AOYAMA

Date _____, Name of the Inventor _____

Date _____, Name of the Inventor _____

Date _____, Name of the Inventor _____

Date _____, Name of the Inventor _____

Date _____, Name of the Inventor _____

(This assignment should preferably be acknowledged before a United States Consul. If not, then the execution by the Inventor(s) should be witnessed by at least two witnesses who sign here.)

Witness Reiko Aoyama

Witness _____

ACKNOWLEDGMENT

_____ } ss

This _____ day of _____, 20____, before me personally came the above-named me personally known as the individual(s) who executed the foregoing assignment, who did acknowledge to me that he (they) executed the same of his (their) own free will for the purposes therein set forth.

SEAL _____
Official Signature

Official Title

The above application may be more particularly identified as follows:

U.S. Application Serial No. _____ Filing Date _____

Applicant Reference Number FP2010-031US Atty Docket No. _____

Title of Invention COMPONENT DETECTION DEVICE AND COMPONENT DETECTION METHOD