

## 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>Atsuchi MAMMOTO</td> <td>07/09/2012</td> </tr> <tr> <td>Hiromichi EBATA</td> <td>07/09/2012</td> </tr> </tbody> </table>	Name	Execution Date	Atsuchi MAMMOTO	07/09/2012	Hiromichi EBATA	07/09/2012	
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Atsuchi MAMMOTO	07/09/2012						
Hiromichi EBATA	07/09/2012						
RECEIVING PARTY DATA							
Name:	HOCHIKI CORPORATION						
Street Address:	10-43, Kamiosaki 2-chome,						
Internal Address:	Shinagawa-ku						
City:	Tokyo						
State/Country:	JAPAN						
Postal Code:	141-8660						
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>13549305</td> </tr> </tbody> </table>	Property Type	Number	Application Number:	13549305			
Property Type	Number						
Application Number:	13549305						
CORRESPONDENCE DATA							
Fax Number:	(202)772-5858						
Phone:	202.772.5800						
Email:	abachiche@blankrome.com						
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>							
Correspondent Name:	Blank Rome LLP						
Address Line 1:	600 New Hampshire Ave. N.W.						
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20037						
ATTORNEY DOCKET NUMBER:	123790.00104						
NAME OF SUBMITTER:	Michael C. Greenbaum						
Total Attachments: 2 source=Assign123790_0104#page1.tif source=Assign123790_0104#page2.tif							

CH \$40.00 13549305

## ASSIGNMENT

(1) **Atsushi HOCHIKI**

Inventor Name(s) (2) **Hiromichi EBATA**

(hereinafter designated as the Assignors) For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the said Assignors have sold, assigned, transferred and set over, and by these presents do sell assign, transfer and set over, unto the Assignee,

Name of Assignee (5) **HOCHIKI CORPORATION**

Assignee Address (6) 10-43, Kamiosaki 2-chome, Shinagawa-ku,  
Tokyo, 141-8660, JAPAN

(hereinafter designated as the Assignee) the entire right, title and interest in the invention for patent in the United States of America

Invention Title (7) **DETECTOR**

Application No. 13/549305 for which the undersigned has (have) executed an application for patent in the United States of America

Insert Date of signing of application (8) on July 13, 2012

and any and all applications for patent and patents in any and all countries, including all non-provisionals, divisions, continuations, reissues, and extensions thereof and all rights of priority resulting from the filing of said United States application.

1) The undersigned agree(s) to execute all papers necessary in connection with this application and any non-provisional, continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or non-provisional, continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

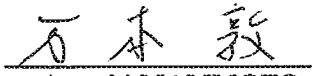
3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.


4) 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.

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States resulting from said application or any non-provisional, division or divisions or continuing 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.

6) The undersigned hereby grant(s) the firm of BLANK ROME LLP, 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 and Trademark Office for recordation of this document.

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

Date: July 9, 2012 Inventor Signature:  (seal)  
Atsushi MAMMOTO

Date: July 9, 2012 Inventor Signature:  (seal)  
Hiromichi EBATA

This assignment should preferably be signed 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 Signature: \_\_\_\_\_

Witness Signature: \_\_\_\_\_