

PATENT ASSIGNMENT

Electronic Version v1.1
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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>RIKEN</td> <td>03/27/2013</td> </tr> </tbody> </table>		Name	Execution Date	RIKEN	03/27/2013
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RIKEN	03/27/2013				
RECEIVING PARTY DATA					
Name:	PANASONIC CORPORATION				
Street Address:	1006 OAZA KADOMA				
Internal Address:	KADOMA-SHI				
City:	OSAKA				
State/Country:	JAPAN				
Postal Code:	571-8501				
PROPERTY NUMBERS Total: 1					
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Patent Number:</td> <td>7619223</td> </tr> </tbody> </table>		Property Type	Number	Patent Number:	7619223
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Patent Number:	7619223				
CORRESPONDENCE DATA					
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>					
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Date:	04/15/2013				
Total Attachments: 1 source=Assignment RIKEN#page1.tif					

CH \$40.00 7619223

Assignment

Whereas, RIKEN of 2-1, HIROSAWA, WAKO-SHI, SAITAMA, JAPAN 351-0198, hereinafter referred to as "Assignor", and PANASONIC CORPORATION of 1906 OAZA KADOMA, KADOMA-SHI, OSAKA, JAPAN 571-8501, hereinafter referred to as "Assignee", are both co-owners of the entire right, title and interest in United States Patent No. 7619223 ; and

Whereas, the above-named Assignee, desires to acquire the entire co-ownership right, title, and interest of the Assignor in the said U.S. Patent, so that Assignee becomes the owner of the entire right, title and interest in the said U.S. Patent.;

Now, therefore, for valuable consideration, receipt of which is hereby acknowledged, the above-named Assignor hereby sells, assigns and transfers to the above-named Assignee, its successors and assigns, the entire right, title and interest of Assignor in the said U.S. Patent, and any reissues or re-examinations thereof, together with all claims for damages by reason of past infringement of the said U.S. Patent with the right to Assignee to sue for and collect the same for their own use and enjoyment.

Assignor hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

Assignor : RIKEN

Date: March 27, 2013

By: Ryōji Noyori
Ryōji Noyori

Title: President
President.