

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3173494

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
<b>Name</b>		<b>Execution Date</b>
PANASONIC HEALTHCARE CO., LTD.		12/18/2014
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	PANASONIC HEALTHCARE HOLDINGS CO., LTD.	
<b>Street Address:</b>	2-38-5 NISHISHIMBASHI, MINATO-KU	
<b>City:</b>	TOKYO	
<b>State/Country:</b>	JAPAN	
<b>Postal Code:</b>	105-8433	
<b>PROPERTY NUMBERS Total: 33</b>		
<b>Property Type</b>	<b>Number</b>	
Application Number:	12747711	
Application Number:	13716514	
Patent Number:	8801679	
Application Number:	14322251	
Patent Number:	8845966	
Application Number:	12490699	
Application Number:	14230221	
Patent Number:	8859292	
Application Number:	14478095	
Application Number:	13258641	
Application Number:	13860570	
Application Number:	13262979	
Application Number:	13392630	
Application Number:	13130152	
Application Number:	13642243	
Application Number:	13821765	
Application Number:	13822576	
Application Number:	13822096	
Patent Number:	8877130	
Application Number:	13878480	

PATENT

Property Type	Number
Application Number:	13993171
Application Number:	13814116
Application Number:	13910457
Application Number:	13984172
Application Number:	14003090
Application Number:	14090449
Application Number:	14155847
Application Number:	14235246
Application Number:	14233251
Application Number:	14190728
Application Number:	14167205
Application Number:	12953816
Application Number:	14501848

#### CORRESPONDENCE DATA

**Fax Number:** (202)721-8250

*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.*

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<b>ATTORNEY DOCKET NUMBER:</b>	01964GEN
<b>NAME OF SUBMITTER:</b>	FATEMA SERAJ
<b>SIGNATURE:</b>	/Fatema Seraj/
<b>DATE SIGNED:</b>	01/07/2015

#### Total Attachments: 3

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# ASSIGNMENT

In consideration of good and valuable consideration paid by ASSIGNEE to ASSIGNOR,

ASSIGNOR: PANASONIC HEALTHCARE CO., LTD.  
2131-1, Minamigata, Toon-shi,  
Ehime 791-0395 Japan

hereby sells, assigns and transfers to

ASSIGNEE: PANASONIC HEALTHCARE HOLDINGS CO., LTD.  
2-38-5 Nishishimbashi, Minato-ku,  
Tokyo 105-8433 Japan

and the successors, assigns and legal representatives of the ASSIGNEE, the Assignor's entire right, title and interest for the United States and its territorial possessions in and to any and all improvements which are disclosed in the following U.S. applications and/or patents:

Application/Patent No.:	Filing Date/Issue Date:
12/747711	June 11, 2010
13/716514	December 17, 2012
8801679	August 12, 2014
14/322251	July 2, 2014
8845966	September 30, 2014
12/490699	June 24, 2009
14/230221	March 31, 2014
8859292	October 14, 2014
14/478095	September 5, 2014
13/258641	September 22, 2011
13/860570	April 11, 2013
13/262979	October 5, 2011
13/392630	February 27, 2012
13/130152	May 19, 2011
13/642243	October 19, 2012
13/821765	March 8, 2013
13/822576	March 12, 2013
13/822096	March 11, 2013
8877130	November 4, 2014
13/878480	April 9, 2013
13/993171	June 11, 2013
13/814116	February 4, 2013
13/910457	June 5, 2013
13/984172	August 7, 2013
14/003090	September 4, 2013
14/090449	November 26, 2013
14/155847	January 15, 2014
14/235246	January 27, 2014
14/233251	January 16, 2014
14/190728	February 26, 2014
14/167205	January 29, 2014

12/953816  
14/501848

November 24, 2010  
September 30, 2014

The Assignor agrees to execute all papers necessary in connection with the above identified application(s)/patent(s) in the USPTO, and any continuation, 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 Assignor agrees to execute all papers necessary in connection with any post-grant proceeding which may occur in connection with the above identified application(s)/patent(s) or continuation, divisional or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such post-grant proceeding.

The Assignor agrees 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, which includes the right to claim priority and the right to be granted a patent in any PCT Contracting State.

The Assignor agrees to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The Assignor hereby authorizes and requests the USPTO to issue any continuation, divisional or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and covenant(s) that the undersigned have not executed, and will not execute, any agreement in conflict herewith.

The Assignor hereby grants the firm of Wenderoth Lind & Ponack, L.L.P., the power to insert on this document any further identification which may be necessary or desirable.

IN WITNESS WHEREOF, I/WE have hereunto set hand and seal this

Dec. 18, 2014

(Date of signing).

  
Signature of ASSIGNOR

Kengo NAKAHARA

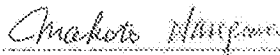
(type or print the name of the above person  
authorized to sign on behalf of ASSIGNOR)

Authorized Signing Officer, Intellectual Property Center

Title of person signing on behalf of Assignor

(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



Witness Daizuke Chigawa

## ACKNOWLEDGMENT

ss  
}

This \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally came the  
above-named \_\_\_\_\_  
to 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