

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PIONEER CORPORATION	05/18/2016
RECEIVING PARTY DATA	
Name:	ASUKANET COMPANY, LTD.
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State/Country:	JAPAN
Postal Code:	7310138
PROPERTY NUMBERS Total: 7	
Property Type	Number
Patent Number:	7317472
Patent Number:	8094184
Patent Number:	8264477
Patent Number:	8446339
Patent Number:	8299980
Patent Number:	8416268
Patent Number:	8867136
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DATE SIGNED:	05/23/2016
Total Attachments: 2 source=0520-Assignment-Pioneer-Asukanet#page1.tif source=0520-Assignment-Pioneer-Asukanet#page2.tif	

ASSIGNMENT

Whereas, I, Pioneer Corporation, whose post office address appears below, hereinafter referred to as ASSIGNOR, is the owner of certain new and useful improvements below (hereinafter referred to as the INVENTION) for which applications for United States Letters Patent were

1. filed on: December 16, 2003 Serial No.: 10/736,071
issued on: January 8, 2008 Patent No.: 7,317,472
Title: DISPLAY APPARATUS
2. filed on: March 10, 2008 Serial No.: 11/664,918
issued on: January 10, 2012 Patent No.: 8,094,184
Title: STEREOSCOPIC TWO-DIMENSIONAL DISPLAY DEVICE
3. filed on: February 5, 2008 Serial No.: 11/997,911
issued on: September 11, 2012 Patent No.: 8,264,477
Title: IMAGE DISPLAY APPARATUS
4. filed on: March 16, 2010 Serial No.: 12/594,077
issued on: May 21, 2013 Patent No.: 8,446,339
Title: IMAGE DISPLAY DEVICE
5. filed on: April 5, 2010 Serial No.: 12/674,521
issued on: October 30, 2012 Patent No.: 8,299,980
Title: IMAGE DISPLAY DEVICE
6. filed on: May 18, 2010 Serial No.: 12/681,186
issued on: April 9, 2013 Patent No.: 8,416,268
Title: IMAGE DISPLAY DEVICE
7. filed on: April 7, 2011 Serial No.: 12/991,832
issued on: October 21, 2014 Patent No.: 8,867,136
Title: FLOATING IMAGE DISPLAY DEVICE

WHEREAS, ASUKANET COMPANY, LTD. whose post office address is 28-14 Gion 3-chome, Asaminami-ku, Hiroshima-shi, Hiroshima, 7310138, Japan, hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the United States;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I, ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) in the United States for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE'S expense, to identify and communicate to ASSIGNEE at ASSIGNEE'S request documents and information concerning the INVENTION that are within ASSIGNOR'S possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR'S obligations under this instrument shall extend to ASSIGNOR'S heirs, executors, administrators and other legal representatives.

ALSO, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE'S sole use and behoof; and for the use and behoof of ASSIGNEE'S legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR authorizes any member of the firm of Maier & Maier, PLLC to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office.

Assignor Name: Naoki AOYAMA, General Manager, Intellectual Property Division on behalf of Pioneer Corporation	Address: 1-1 Shin-ogura, Saiwai-ku, Kawasaki-shi, Kanagawa 2120031 Japan
Where Signed(optional)	
Date <i>May. 18, 2016</i>	Signature <i>Naoki Aoyama</i>
Witness (optional)	Witness (optional)
Print/Type Name	Print/Type Name
Signature	Signature