

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT3757921

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HUMAX HOLDINGS CO., LTD.	02/05/2016

RECEIVING PARTY DATA

Name:	HUMAX CO., LTD.
Street Address:	2, YEONGMUN-RO (YUBANG-DONG), CHEOIN-GU
City:	YONGIN-SI, GYEONGGI-DO
State/Country:	KOREA, REPUBLIC OF
Postal Code:	17040

PROPERTY NUMBERS Total: 53

Property Type	Number
Application Number:	14675391
Application Number:	14739884
Application Number:	13576607
Application Number:	14528379
Application Number:	14528465
Application Number:	14528490
Application Number:	14528536
Application Number:	13702544
Application Number:	14491867
Application Number:	14491887
Application Number:	14491900
Application Number:	14491920
Application Number:	14717577
Application Number:	14722531
Application Number:	13882067
Application Number:	14496741
Application Number:	14496786
Application Number:	14496825
Application Number:	14496859
Application Number:	14713656

PATENT

Property Type	Number
Application Number:	14115568
Application Number:	14518695
Application Number:	14518740
Application Number:	14518767
Application Number:	14518799
Application Number:	14238197
Application Number:	14522964
Application Number:	14522981
Application Number:	14523001
Application Number:	14523047
Application Number:	14239119
Application Number:	14523551
Application Number:	14523575
Application Number:	14523611
Application Number:	14523636
Application Number:	14471311
Application Number:	14395748
Patent Number:	8995778
Patent Number:	9053543
Patent Number:	9047667
Patent Number:	9058659
Patent Number:	9053544
Patent Number:	8792740
Patent Number:	9036944
Patent Number:	9224214
Patent Number:	9202290
Patent Number:	9189869
Patent Number:	9224215
Patent Number:	8861616
Patent Number:	9154790
Patent Number:	8929460
Patent Number:	9172959
Patent Number:	9167250

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Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	5607-G004
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NAME OF SUBMITTER:	YOON S. HAM
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SIGNATURE:	/Yoon S. Ham/
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DATE SIGNED:	02/26/2016
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Total Attachments: 4

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ASSIGNMENT

WHEREAS, **Humax Holdings Co., Ltd.**, a corporation of Republic of Korea, doing business at 2, Yeongmun-ro (Yubang-dong), Cheoin-gu, Yongin-si, Gyeonggi-do, 17040, Republic of Korea, owns U.S. Patent Application Nos. 14/675,391; 14/739,884; 13/576,607; 14/528,379; 14/528,465; 14/528,490; 14/528,536; 13/702,544; 14/491,867; 14/491,887; 14/491,900; 14/491,920; 14/717,577; 14/722,531; 13/882,067; 14/496,741; 14/496,786; 14/496,825; 14/496,859; 14/713,656; 14/115,568; 14/518,695; 14/518,740; 14/518,767; 14/518,799 14/238,197; 14/522,964; 14/522,981; 14/523,001; 14/523,047; 14/239,119; 14/523,551; 14/523,575; 14/523,611; 14/523,636; 14/471,311; 14/395,748 and Patent Nos. 8,995,778; 9,053,543; 9,047,667; 9,058,659; 9,053,544; 8,792,740; 9,036,944; 9,224,214; 9,202,290; 9,189,869; 9,224,215; 8,861,616; 9,154,790; 8,929,460; 9,172,959; 9,167,250 shown in the attached Appendix A.

WHEREAS, **Humax Co., Ltd.**, a corporation of Republic of Korea, doing business at 2, Yeongmun-ro (Yubang-dong), Cheoin-gu, Yongin-si, Gyeonggi-do, 17040, Republic of Korea, is desirous of acquiring complete title and interest in said Patent Applications and Letters Patents;

NOW, THEREFORE, in consideration of the sum of one dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor by these presents do sell, assign and transfers unto said each Assignee, its successors, legal representatives, heirs and assigns the entire right, title and interest in the United States to said invention as described in U.S. Patent Application Nos. 14/675,391; 14/739,884; 13/576,607; 14/528,379; 14/528,465; 14/528,490; 14/528,536; 13/702,544; 14/491,867; 14/491,887; 14/491,900; 14/491,920; 14/717,577; 14/722,531; 13/882,067; 14/496,741; 14/496,786; 14/496,825; 14/496,859; 14/713,656; 14/115,568; 14/518,695; 14/518,740; 14/518,767; 14/518,799 14/238,197; 14/522,964; 14/522,981; 14/523,001; 14/523,047; 14/239,119; 14/523,551; 14/523,575; 14/523,611; 14/523,636; 14/471,311; 14/395,748 and Patent Nos. 8,995,778; 9,053,543; 9,047,667; 9,058,659; 9,053,544; 8,792,740; 9,036,944; 9,224,214; 9,202,290; 9,189,869; 9,224,215; 8,861,616; 9,154,790; 8,929,460; 9,172,959; 9,167,250 shown in the attached Appendix A, and all re-issues, or extensions of said Letters Patents to be held and enjoyed by said each Assignee for its own use, or for its legal representatives, successors, heirs, and assigns to the full end of the term for which said Letters Patents and Patent Applications are granted, and any extensions thereof, as fully and entirely as the same would have

been held by said Assignor had this assignment and sale not been made, and for the same consideration said Assignor hereby covenants and agrees that at the time of execution and delivery of this instrument it is the lawful owner of the complete right, title and interest in and to said invention and said Letters Patents and Patent Applications above mentioned, and its interest is unencumbered and that it has good and full right and lawful authority to sell and convey its interest in the manner set forth herein; and for the same consideration Assignor hereby covenants and agrees that it will, when ever counsel for said each Assignee, or counsel for their legal successors, legal representatives, heirs or assigns shall advise that any proceedings in connection with said Letters Patents and Patent Applications or any re-issue or extension of said Letters Patents and Patent Applications to be obtained thereon, is lawful and desirable, sign all papers and documents, make all lawful oaths, and do all acts necessary as required to be done for the procurement, maintenance, enforcement and defense of said Letters Patents, without charge to said Assignor, its successors, legal representatives, heirs and assigns, but at the expense of said each Assignee, their successors, legal representatives, heirs and assigns.

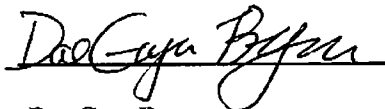
Assignor hereby further assigns to each Assignee all claims and causes of action for infringement of the patent rights assigned herein, including the right to sue for, and collect damages for, any and all acts of past and future infringement.

Assignor hereby grants Hauptman Ham, LLP, 2318 Mill Road, Suite 1400, Alexandria, VA 22314, 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.

Assignor:

Humax Holdings Co., Ltd.,

Date: February 05, 2016

Signature: 

Name: DaeGyu Byun

Title: CEO

Appendix A

	U.S. Application No.	Filing Date	U.S. Patent No.	Issue Date	Reel No.	Frame No.	Recorded
1	14/675,391	3/31/2015			035304	0500	3/31/2015
2	14/739,884	6/15/2015			035839	0602	6/15/2015
3	13/576,607	8/1/2012			032969	0502	5/27/2014
4	14/528,379	10/30/2014			034072	0272	10/30/2014
5	14/528,465	10/30/2014			034072	0728	10/30/2014
6	14/528,490	10/30/2014			034073	0018	10/30/2014
7	14/528,536	10/30/2014			034073	0282	10/30/2014
8	13/702,544	12/6/2012			032729	0512	4/22/2014
9	14/491,867	9/19/2014			033782	0544	9/19/2014
10	14/491,887	9/19/2014			033782	0599	9/19/2014
11	14/491,900	9/19/2014			033782	0656	9/19/2014
12	14/491,920	9/19/2014			033782	0699	9/19/2014
13	14/717,577	5/20/2015			035682	0395	5/20/2015
14	14/722,531	5/27/2015			035721	0396	5/27/2015
15	13/882,067	4/26/2013			032729	0512	4/22/2014
16	14/496,741	9/25/2014			033821	0053	9/25/2014
17	14/496,786	9/25/2014			033821	0217	9/25/2014
18	14/496,825	9/25/2014			033821	0414	9/25/2014
19	14/496,859	9/25/2014			033821	0592	9/25/2014
20	14/713,656	5/15/2015			035651	0220	5/15/2015
21	14/115,568	2/7/2014			032969	0502	5/27/2014
22	14/518,695	10/20/2014			033985	0455	10/20/2014
23	14/518,740	10/20/2014			033985	0655	10/20/2014
24	14/518,767	10/20/2014			033985	0776	10/20/2014
25	14/518,799	10/20/2014			033985	0876	10/20/2014
26	14/238,197	2/10/2014			032969	0502	5/27/2014
27	14/522,964	10/24/2014			034028	0112	10/24/2014
28	14/522,981	10/24/2014			034028	0204	10/24/2014
29	14/523,001	10/24/2014			034028	0643	10/24/2014
30	14/523,047	10/24/2014			034029	0020	10/24/2014
31	14/239,119	2/14/2014			032969	0502	5/27/2014
32	14/523,551	10/24/2014			034033	0072	10/24/2014
33	14/523,575	10/24/2014			034033	0240	10/24/2014
34	14/523,611	10/24/2014			034033	0443	10/24/2014
35	14/523,636	10/24/2014			034033	0539	10/24/2014

36	14/471,311	8/28/2014			033629	0379	8/28/2014
37	14/395,748	10/20/2014			033984	0420	10/20/2014
38	13/513,122	5/31/2012	8995778	3/31/2015	032729	0512	4/22/2014
39	14/489,893	9/18/2014	9053543	6/9/2015	033769	0150	9/18/2014
40	14/490,101	9/18/2014	9047667	6/2/2015	033770	0088	9/18/2014
41	14/490,159	9/18/2014	9058659	6/16/2015	033770	0898	9/18/2014
42	14/490,255	9/18/2014	9053544	6/9/2015	033771	0386	9/18/2014
43	13/576,598	8/1/2012	8792740	7/29/2014	032969	0502	5/27/2014
44	13/808,076	1/2/2013	9036944	5/19/2015	032729	0512	4/22/2014
45	14/496,428	9/25/2014	9224214	12/29/2015	033819	2035	9/25/2014
46	14/496,548	9/25/2014	9202290	12/1/2015	033819	0957	9/25/2014
47	14/496,601	9/25/2014	9189869	11/17/2015	033820	0232	9/25/2014
48	14/496,646	9/25/2014	9224215	12/29/2015	033820	0547	9/25/2014
49	13/683,771	11/21/2012	8861616	10/14/2014	032729	0512	4/22/2014
50	14/308,638	6/18/2014	9154790	10/6/2015	033159	0226	6/23/2014
51	14/478,747	9/5/2014	8929460	1/6/2015	033681	0396	9/5/2014
52	14/478,715	9/5/2014	9172959	10/27/2015	033682	0526	9/5/2014
53	14/479,023	9/5/2014	9167250	10/20/2015	033682	0448	9/5/2014

Atty. Dkt. No. 5607-G004