

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT6918474

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| COMCAST CABLE COMMUNICATIONS, LLC | 11/24/2020 |
| RECEIVING PARTY DATA | |
| Name: | TIVO CORPORATION |
| Street Address: | 2160 GOLD STREET |
| City: | SAN JOSE |
| State/Country: | CALIFORNIA |
| Postal Code: | 95002 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 17476244 |
| CORRESPONDENCE DATA | |
| Fax Number: | (646)219-6229 |
| <i>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.</i> | |
| Phone: | 6469732500 |
| Email: | tracy.chu@hglaw.com |
| Correspondent Name: | HALEY GUILIANO LLP |
| Address Line 1: | 75 BROAD STREET |
| Address Line 2: | SUITE 1000 |
| Address Line 4: | NEW YORK, NEW YORK 10004 |
| ATTORNEY DOCKET NUMBER: | 001441-1097-105 |
| NAME OF SUBMITTER: | TRACY W. CHU |
| SIGNATURE: | /Tracy W. Chu/ |
| DATE SIGNED: | 09/15/2021 |
| Total Attachments: 7 | |
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**ASSIGNMENT OF PATENTS
AND APPLICATIONS FOR PATENTS**

THIS ASSIGNMENT OF PATENTS AND APPLICATIONS FOR PATENTS (this “**Assignment**”) is made as of November 24, 2020, by and between TiVo Corporation, a corporation organized under the laws of Delaware, whose principal place of business is located at 2160 Gold St, San Jose, California 95002 (“**Assignee**”), and Comcast Cable Communications, LLC, a limited liability company organized under the laws of Delaware, whose principal place of business is located at One Comcast Center 1701 John F. Kennedy Boulevard, Philadelphia, Pennsylvania 19103 (“**Assignor**”). Each of Assignor and Assignee may be referred to herein as a “**Party**” and collectively, as the “**Parties**”.

WITNESSETH:

WHEREAS, Assignor (or an affiliate thereof) and Assignee are parties to that certain Patent Purchase Agreement, dated as of November 9, 2020 (the “**Purchase Agreement**”), pursuant to which, among other things, Assignor (or its affiliate) agreed to assign to Assignee all of Assignor’s right, title and interest in, to and under the patents and patent applications set forth on Schedule 1 and the inventions claimed therein (collectively, the “**Comcast Patents**”), subject to Assignor (or its affiliate) receiving the payment set forth in the Purchase Agreement and Assignor (and its affiliates) being granted a license with respect to the Comcast Patents, in each case pursuant to the terms and conditions of the Purchase Agreement; and

WHEREAS, Assignor desires to assign all right, title and interest in, to and under the Comcast Patents to Assignee and Assignee desires to acquire all such right, title and interest in, to and under the Comcast Patents.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, and as more fully set forth in the Purchase Agreement and subject to the terms and conditions therein, Assignor and Assignee intending to be legally bound, agree as follows:

1. Transfer of the Comcast Patents. Subject to the terms and conditions of the Purchase Agreement (including the license from Assignee to Assignor and its affiliates in respect of the Comcast Patents as set forth in the Purchase Agreement), Assignor hereby sells, assigns, transfers, conveys and delivers unto Assignee all right, title and interest in, to and under the Comcast Patents (including all (a) causes of action and other enforcement, including the rights to sue or countersue, pursue damages, pursue injunctive relief, to collect, recover, or retain damages and costs and attorney’s fees, and any other remedies of any kind, in each case for past, present, and future infringement, (b) rights to recover and collect royalties and other payments due now or hereafter due or payable, and (c) statutory rights (including the right to practice), in each case with respect to the Comcast Patents), to be held and enjoyed by Assignee to the full end of the term for which said

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Comcast Patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor had this assignment and sale not been made.

2. NO WARRANTIES OR INDEMNITIES. THE PARTIES ACKNOWLEDGE AND AGREE THAT, EXCEPT AS EXPRESSLY SET FORTH IN THE PURCHASE AGREEMENT, THE COMCAST PATENTS ARE SOLD, ASSIGNED AND TRANSFERRED UNTO ASSIGNEE ON AN "AS-IS" BASIS AND ASSIGNOR (A) MAKES NO REPRESENTATIONS OR WARRANTIES (EXPRESS OR IMPLIED), INCLUDING REPRESENTATIONS OR WARRANTIES (EXPRESS OR IMPLIED) AS TO MERCHANTABILITY, FITNESS FOR A PARTICULAR USE OR PURPOSE OR NON-INFRINGEMENT, VALIDITY OR ENFORCEABILITY OF INTELLECTUAL PROPERTY, (B) GRANTS NO INDEMNITIES (EXPRESS OR IMPLIED) AND (C) SHALL HAVE NO OTHER LIABILITY OR FINANCIAL OBLIGATION TO ASSIGNEE OR ANY OTHER PERSON OR ENTITY, IN THE CASE OF (A), (B) AND (C), WITH RESPECT TO THE COMCAST PATENTS OR OTHERWISE IN CONNECTION WITH THIS ASSIGNMENT.

3. Governmental Authorities. Assignor hereby authorizes and requests the officials of all countries in which the Comcast Patents are now or in the future will be issued to issue to Assignee all of Assignor's right, title and interest in and to the same for the sole use and enjoyment of Assignee and its successors and assigns (it being understood that, notwithstanding the foregoing, nothing herein shall be construed as limiting in any way any licenses granted to Assignor or any of its affiliates in respect of the Comcast Patents).

4. Governing Law and Venue. This Assignment shall be governed by and construed in accordance with the laws of the State of New York, without regard to the conflicts of law rules of such state. Any dispute arising under or out of this Assignment shall be heard exclusively in the state or federal courts of the State of New York as its venue.

5. Counterparts; Effectiveness. This Assignment may be executed in one or more counterparts, each of which shall be deemed to be an original, but all of which together shall constitute one and the same instrument. This Assignment shall become effective only after and subject to each Party having received a counterpart hereof signed by the other Party.


6. Successors. This Assignment shall inure to the benefit of and is binding upon the respective successors and assigns of Assignor and Assignee.

[Signature page follows]

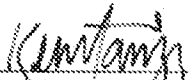
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IN WITNESS WHEREOF, the Parties have caused this Assignment to be duly executed as of the day and year first above written.

COMCAST CABLE COMMUNICATIONS, LLC

By: 
Name: David L. Marcus
Title: SVP, SDGC, Chief Litigation Counsel

TIVO CORPORATION

By: 
Name: KEVIN TANJI
Title: AUTHORIZED SIGNATORY

EXECUTION VERSION

Schedule 1

Comcast Patents

| Country | Filing Date | Application Number | Patent Number |
|---------|-------------|--------------------|---------------|
| CA | 5/17/2004 | CA20042525587 | CA2525587 |
| JP | 5/17/2004 | JP20060533170 | JP4800953 |
| US | 5/17/2004 | US10/847198 | US9176643 |
| US | 7/31/2014 | 14/447979 | US10728598 |
| US | 1/19/2004 | 10/761108 | US8087058 |
| US | 11/30/2011 | 13/307277 | US8832765 |
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| US | 4/14/2004 | US10/823869 | US8418202 |
| US | 4/15/2004 | US10/825926 | US8276176 |
| CA | 3/10/2005 | CA20052562873 | CA2562873 |
| US | 9/13/2005 | US11/719047 | US9037494 |
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| US | 12/11/2009 | US12/636510 | US8621519 |
| US | 11/20/2013 | US14/085517 | US9497510 |
| CA | 5/23/2006 | CA20062609820 | CA2609820 |
| US | 5/24/2005 | US11/136049 | US7415603 |
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| US | 2/24/2011 | US13/033721 | US8594289 |
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| CA | 6/7/2007 | CA20072654454 | CA2654454 |
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| US | 9/23/2014 | 14/493947 | US10074395 |
| US | 8/13/2018 | 16/102279 | N/A |
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| CA | 3/26/2010 | CA2697902 | CA2697902 |
| DE | 3/26/2010 | EP20100157939 | EP2249546 |
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| FR | 3/26/2010 | EP20100157939 | EP2249546 |
| DE | 3/26/2010 | EP20160165678 | EP3062488 |
| GB | 3/26/2010 | EP20160165678 | EP3062488 |
| FR | 3/26/2010 | EP20160165678 | EP3062488 |
| US | 5/4/2009 | 12/435053 | US8078665 |
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| DE | 5/6/2010 | EP20100162206 | EP2262260 |
| US | 6/13/2014 | 14/304341 | US10200762 |
| US | 12/21/2018 | 16/229382 | N/A |
| US | 5/29/2009 | 12/474796 | US8782267 |
| CA | 11/5/2010 | CA2720323A | CA2720323 |
| GB | 11/4/2010 | EP20100190064 | EP2323349 |
| FR | 11/4/2010 | EP20100190064 | EP2323349 |
| DE | 11/4/2010 | EP20100190064 | EP2323349 |
| US | 10/25/2017 | 15/793397 | US10439862 |
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| CA | 8/26/2011 | CA2750500A | N/A |
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| FR | 8/26/2011 | EP20110179017 | EP2426939 |
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| US | 4/21/2014 | 14/257548 | US9837126 |
| US | 10/16/2019 | US16/654449 | N/A |
| US | 4/29/2013 | US13/872222 | US9596283 |
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| US | 12/11/2019 | 16/711074 | N/A |
| CA | 7/27/2012 | CA2783852A | CA2783852 |
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| EP | 2/6/2013 | EP20130744208 | EP2810416 |
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| US | 2/1/2012 | US13/363996 | US9106663 |
| CA | 2/6/2013 | CA20132863684 | CA2863684 |
| US | 7/26/2012 | 13/559341 | US10158898 |
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| US | 4/22/2020 | 16/855415 | N/A |
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| CA | 5/31/2010 | CA2706084 | CA2706084 |
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| US | 5/22/2014 | 14/284978 | US9521442 |
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| US | 7/8/2020 | US16/923533 | N/A |
| US | 5/20/2010 | 12/783926 | US8898719 |
| CA | 5/5/2011 | CA2739197 | CA2739197 |
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| US | 6/12/2019 | US16/438833 | N/A |
| CA | 3/27/2012 | CA2772509 | N/A |
| EP | 4/10/2012 | 12163635.1 | EP2528335 |
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| US | 3/20/2020 | US16/825520 | N/A |
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| US | 6/1/2017 | US15/611468 | N/A |
| CA | 11/4/2013 | CA2832179 | CA2832179 |
| EP | 11/4/2013 | 13191348.5 | EP2728889 |
| GB | 11/4/2013 | 13191348.5 | EP2728889 |
| FR | 11/4/2013 | 13191348.5 | EP2728889 |
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| US | 10/9/2012 | 13/647625 | US10225597 |
| US | 1/9/2019 | 16/243944 | N/A |
| US | 2/25/2016 | 15/053542 | US10575157 |
| US | 1/14/2020 | US16/742586 | N/A |
| US | 5/4/2009 | 12/435025 | US8190706 |
| US | 5/4/2009 | 12/435037 | US8190751 |
| DE | 3/26/2010 | 10157953.0 | DE602010024425.3 |
| FR | 3/26/2010 | 10157953.0 | EP2249547 |
| GB | 3/26/2010 | 10157953.0 | EP2249547 |
| CA | 3/24/2010 | CA2697704 | CA2697704 |
| CA | 4/6/2010 | CA2698911 | CA2698911 |
| US | 8/20/2020 | US16/998755 | N/A |