

## PATENT ASSIGNMENT COVER SHEET

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| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT           |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT               |
| <b>SEQUENCE:</b>  | 1                        |
| <b>CONVEYING PARTY DATA</b>   |                          |
| <b>Name</b>   | <b>Execution Date</b>    |
| ROBIN HAYES   | 01/13/2011               |
| <b>RECEIVING PARTY DATA</b>   |                          |
| <b>Name:</b>  | TIVO INC.                |
| <b>Street Address:</b>  | 2160 GOLD STREET         |
| <b>City:</b>  | SAN JOSE                 |
| <b>State/Country:</b>   | CALIFORNIA               |
| <b>Postal Code:</b>   | 95002                    |
| <b>PROPERTY NUMBERS Total: 1</b>  |                          |
| <b>Property Type</b>  | <b>Number</b>            |
| Application Number:   | 16383113                 |
| <b>CORRESPONDENCE DATA</b>  |                          |
| <b>Fax Number:</b>  | (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> |                          |
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| <b>ATTORNEY DOCKET NUMBER:</b>  | 113142-0125-102          |
| <b>NAME OF SUBMITTER:</b>   | TRACY W. CHU             |
| <b>SIGNATURE:</b>   | /Tracy W. Chu/           |
| <b>DATE SIGNED:</b>   | 04/12/2019               |
| <b>Total Attachments: 1</b>   |                          |
| source=113142-0125-102_Assignment#page1.tif   |                          |

ASSIGNMENT

WHEREAS I, Robin Hayes of Castro Valley, California have made a certain new and useful invention(s) as set forth in an application for United States Letters Patent, entitled FLICK TO SEND OR DISPLAY CONTENT, executed by me on the date of execution of this document, as shown below, and filed concurrently herewith;

OR

for which an application for United States Letters Patent was filed on November 19, 2010, and identified by United States Serial No. 12/950,857;

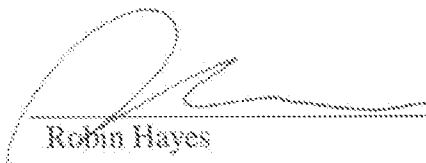
AND WHEREAS, TiVo Inc., a corporation of the State of Delaware and having an address of 2160 Gold Street, PO Box 2160, Alviso, California 95002-2160 USA is desirous of acquiring the entire right, title and interest in and to said invention(s) and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, I do hereby sell, assign, transfer and set over unto TiVo Inc., its legal representatives, successors, and assigns ("Assignee"), the entire right, title and interest in and to said invention(s) as set forth in the above-mentioned application, including, but not limited to, any provisional, non-provisional, continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention(s) and the right to claim priority, or the benefit of, to the above-mentioned application;

UPON SAID CONSIDERATIONS, I hereby agree with the said Assignee that I will not execute any writing or do any act whatsoever conflicting with these presents, and that I will, at any time upon request, without further or additional consideration but at the expense of said Assignee, execute such additional assignments and other writings and do such additional acts as said Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention(s), and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and Assignee;

AND I request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention(s) to said Assignee, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention(s) covered thereby.

1/13/11  
Date

  
Robin Hayes

PATENT