

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Robert Watts</td> <td>08/30/2013</td> </tr> <tr> <td>Michael Minakami</td> <td>08/30/2013</td> </tr> <tr> <td>Bhavya Bambhania</td> <td>08/29/2013</td> </tr> </tbody> </table>		Name	Execution Date	Robert Watts	08/30/2013	Michael Minakami	08/30/2013	Bhavya Bambhania	08/29/2013
Name	Execution Date								
Robert Watts	08/30/2013								
Michael Minakami	08/30/2013								
Bhavya Bambhania	08/29/2013								
RECEIVING PARTY DATA									
Name:	TiVo Inc.								
Street Address:	2160 Gold Street								
Internal Address:	P.O. Box 2160								
City:	Alviso								
State/Country:	CALIFORNIA								
Postal Code:	95002-2160								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14016936</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14016936				
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Application Number:	14016936								
CORRESPONDENCE DATA									
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NAME OF SUBMITTER:	Zhichong Gu								
Signature:	/ZhichongGu#56543/								

OP \$40.00 14016936

PATENT

Date:

09/03/2013

Total Attachments: 3

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ASSIGNMENT

WHEREAS WE, **Robert Watts** of Gilroy, California; **Michael Minakami** of Mountain View, California and **Bhavya Bambhania** of Milpitas, California, have made certain new and useful invention(s) as set forth in an application for United States Letters Patent, entitled WIRELESS MEDIA STREAMING SYSTEM, executed by us on the date of execution of this document, as shown below, and filed concurrently herewith;

AND WHEREAS, **TiVo Inc.**, a corporation of the State of Delaware and having an address of 2160 Gold Street, P.O. Box 2160, Alviso, California, 95002-2160 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;

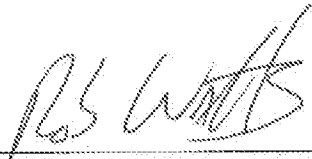
NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, we do hereby sell, assign, transfer and set over unto TiVo Inc., its legal representatives, successors, and assigns ("Assignee"), the entire right, title and interest in and to said invention(s) as set forth in the above-mentioned application, including any 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);

UPON SAID CONSIDERATIONS, we hereby agree with the said Assignee that we will not execute any writing or do any act whatsoever conflicting with these presents, and that we 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, divisionals, 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 we request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for any aforementioned 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.

Title: WIRELESS MEDIA STREAMING SYSTEM

8-30-13  
Date

  
ROBERT WATTS

8/30/2013  
Date

  
MICHAEL MINAKAMI

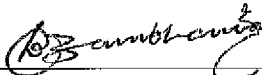
Date

BHAVYA BAMBHANIA

Title: WIRELESS MEDIA STREAMING SYSTEM

Date \_\_\_\_\_ ROBERT WATTS

Date \_\_\_\_\_ MICHAEL MINAKAMI

08/29/2013  
Date \_\_\_\_\_   
BHAVYA BAMBIANIA