

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
James M. Barton	01/21/2010
Brian Lanier	02/11/2010
Amir H. Gharaat	01/21/2010
James Cheng	01/25/2010
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	TiVo Inc.
<b>Street Address:</b>	2160 Gold Street
<b>Internal Address:</b>	P.O. Box 2160
<b>City:</b>	Alviso
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95002-2160
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12631759
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(408)414-1076
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<b>Correspondent Name:</b>	Hickman Palermo Truong & Becker LLP
<b>Address Line 1:</b>	2055 Gateway Place
<b>Address Line 2:</b>	Suite 550
<b>Address Line 4:</b>	San Jose, CALIFORNIA 95110
<b>ATTORNEY DOCKET NUMBER:</b>	60097-0665
<b>NAME OF SUBMITTER:</b>	Desiree Reardon

OP \$40.00 12631759

Total Attachments: 2

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ASSIGNMENT

WHEREAS WE, James M. Barton of Alviso, California, Brian Lanier of Bryn Mawr, Pennsylvania, Amir H. Gharaat of Menlo Park, California and James Cheng of Fremont, California have made a certain new and useful invention(s) as set forth in an application for United States Letters Patent, entitled Multifunction Multimedia Device, for which an application for United States Letters Patent was filed on December 4, 2009, and identified by United States Serial No. 12/631,759;

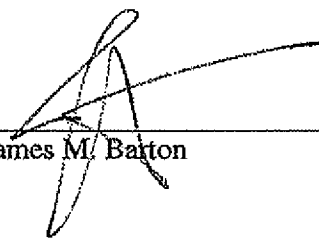
AND WHEREAS, TiVo Inc., a corporation of the State of Delaware and having an address of 2160 Gold Street, P.O. Box 2160, Alviso, California, 95002-2160 is desirous of acquiring the entire right, title and interest in and to said invention(s) and in and to any and all Letters Patent of the United States 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, 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 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.


1/21/2010  
Date

  
James M. Balton

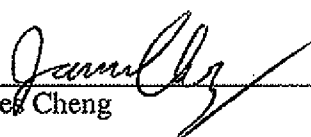
2/11/2010  
Date

  
Brian Lanier

1/21/2010  
Date

  
Amir H. Gharaat

1/25/2010  
Date

  
James Cheng