PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAMES BARTON	03/05/2009
BRIAN LANIER	03/05/2009

RECEIVING PARTY DATA

Name:	TIVO INC.	
Street Address:	2160 GOLD STREET	
City:	SAN JOSE	
State/Country:	CALIFORNIA	
Postal Code:	95002	

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	13871289
Application Number:	14543433

CORRESPONDENCE DATA

Fax Number: (646)219-6229

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.

Phone: 646-973-2500

Email: linda.blake@hglaw.com HALEY GUILIANO LLP **Correspondent Name:** Address Line 1: 75 BROAD STREET

Address Line 2: **SUITE 1000**

Address Line 4: NEW YORK, NEW YORK 10004

ATTORNEY DOCKET NUMBER:	113142-0089-102/103	
NAME OF SUBMITTER:	LINDA BLAKE	
SIGNATURE:	/Linda Blake/	
DATE SIGNED:	01/26/2018	

Total Attachments: 2

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PATENT REEL: 044735 FRAME: 0240 504748235

Docket No.: 60097-0465

ASSIGNMENT

WHEREAS WE, **James Barton** of Alviso, California and **Brian Lanier** of San Jose, California, have made a certain new and useful invention(s) as set forth in an application for United States Letters Patent, entitled <u>AUTOMATIC CONTACT INFORMATION TRANSMISSION</u>

<u>SYSTEM</u>, 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, 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.

	Docket No.: 60097-XXXX
3/5/00 Date	JAMES BARTON
3/5/09 Date	BRIAN LANIER