FORM PTO-1595 1-31-92 RECORD



S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Jochen Phillip Backs; Blaise Bertrand; Charles Richard Lewis, Jr.; Donald MacDougall; Name: TiVo, Inc. Kurtis Heaton; and Paul Newby Internal Address: Suite 100 Additional name(s) of conveying party(ies) attached? [ ] Yes [ ] No 3-3- 200U 3. Nature of Conveyance: Street Address: 894 Ross Drive [X] Assignment ] Merger ] Security Agreement [ ] Change of Name City: Sunnyvale State: CA Zip: 94089 ] Other Execution Dates: 1/31/00; 2/22/00; 2/2/00; 2/24/00 Additional name(s) & address(es) attached? [ ] Yes [ 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: Herewith A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? [ ] Yes ] No 5. Name and address of party to whom 6. Total number of applications and patents involved: [1] correspondence concerning document should be mailed: Name: GLENN PATENT GROUP 7. Total fee (37 CFR 3.41) . . . . . \$ 40.00 Internal Address: ] Enclosed Street Address: 3475 EDISON WAY, STE. L X ] Authorized to be charged to deposit account 8. Deposit account number: 07-1445 Please debit any underpayment or credit any overpayment to the above deposit account. Zip: 94025 City: MENLO PARK State: CA (Attach duplicate of this page if paying by deposit account) DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Michael A. Glenn, Reg. No. 30,176 March 3, 2000 Signature Date Name of Person Signing Total number of pages comprising cover sheet: [ 1 ] OMB No. 0651-0011 (exp. 4/94) Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks Box Assignments Washington, DC 20231

> PATENT REEL: 010687 FRAME: 0764

## **ASSIGNMENT**

WHEREAS, we, <u>Jochen Philipp BACKS</u>, <u>Blaise BERTRAND</u>, <u>Charles Richard LEWIS</u>, <u>Jr.</u>, <u>Sam Yuchai HU</u>, <u>Donald MACDOUGALL</u>, <u>Kurtis G. HEATON</u>, <u>and Paul NEWBY</u>, hereinafter referred to as "ASSIGNORS", have invented certain new and useful improvements, as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention:	REMOTE CONTROL	
THE OF HITCHISTER		

WHEREAS, <u>TiVo, Inc.</u>, a corporation duly organized under and pursuant to the laws of the State of California, and having its principal place of business at <u>894 Ross Drive</u>, <u>Sunnyvale</u>, <u>CA 94089</u>, hereinafter referred to as "ASSIGNEE", is desirous of acquiring the entire right, title, and interest in the said invention and application and in any Letters Patent which may be granted with regard to the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for One Dollar (\$1.00) and other good and valuable consideration, ASSIGNORS have sold, assigned, and transferred, and by these presents does sell, assign, and transfer unto the said ASSIGNEE, and ASSIGNEE'S successors and assigns, all right, title, and interest in and to said invention, said application for United States Letters Patent and any Letters Patent which may be hereafter granted on the same in the United States and all countries throughout the world, including any divisions, renewals, continuations in whole or part, substitutions, conversions, reissues, revivals, prolongation, or extensions thereof, said interest to be held and enjoyed by said ASSIGNEE as fully and exclusively as it would have been held and enjoyed by said ASSIGNORS had this assignment and transfer not been made, for all time.

ASSIGNORS further agree that they will, without charge to said ASSIGNEE, but at ASSIGNEE'S expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications, execute, verify, acknowledge, and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as ASSIGNEE may lawfully request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE'S successors and assigns.

IN TESTIMONY WHEREOF, ASSIGNORS have hereunto signed their names to the assignment on the date indicated below.

PATENT REEL: 010687 FRAME: 0765

ATTORNEY DOCKET NO. TIVO0036DE	
4000	1-31-00
Joenen Philipp Backs	Date
(B. Renty)	2. 22,00
Blaise Bettrand	Date
/ My had har My	
Charles Richard Lewis, Jr.	Date
Sam Yuchai Hu	Date
Duld Ma Dall	2.2.2000
Donald MacDougall	Date
	Date 24-Jan- 2000
Donald MacDougall  Heurs Har	24-Jan- 2000

PATENT REEL: 010687 FRAME: 0766

## CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California	)	
County of Son Francisco	ss.	
On $\frac{\frac{1}{3}i/2cc}{Date}$ , before me,	Jahn .T Oei , Ho  Name and Title of Officer (e.g., "Jane Doe, No	tay Publich
porconally appeared Jechen	- Backs -	
personally appeared	Name(s) of Signer(s)	
	□ personally known to me proved to me on the basis evidence	of satisfactory
JOHN I. OEI COMM. # 1176923 NOTARY PUBLIC - CALIFORNIA SAN FRANCIBCO COUNTY My Comm. Expires April 17, 2002	to be the person(s) whose subscribed to the within is acknowledged to me that he/sh the same in his/her/the capacity(ies), and that be signature(s) on the instrument the entity upon behalf of which acted, executed the instrument	nstrument and
Place Notary Seal Above	WITNESS my hand and official	
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Though the information below is not required by la	w it may prove valuable to persons relying	on the document
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☐ Individual		-
☐ Corporate Officer — Title(s):		
☐ Partner — ☐ Limited ☐ General		
☐ Attorney in Fact		
☐ Trustee		
☐ Guardian or Conservator		_
Other:		
Signer Is Representing:		
Signer is tropicsersing.		
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**PATENT RECORDED: 03/03/2000 REEL: 010687 FRAME: 0767**