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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Sam Yuchai Hu Name: TiVo, Inc. Additional name(s) of conveying party(ies) attached? [] Yes [] No Internal Address: Suite 100 3. Nature of Conveyance: [X] Assignment [] Merger [] Change of Name | Security Agreement Street Address: 894 Ross Drive] Other City: Sunnyvale State: CA Zip: 94089 Execution Dates: 2/7/00 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? 1 Yes 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: [X] Enclosed Street Address: 3475 EDISON WAY, STE. L 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. City: MENLO PARK State: CA Zip: 94025 (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 Signature Date March 3, 2000 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**

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Washington, DC 20231

PATENT REEL: 010687 FRAME: 0733

ASSIGNMENT

WHEREAS, we, Jochen Philipp BACKS, Blaise BERTRAND, Charles Richard LEWIS, Jr., Sam Yuchai HU, Donald MACDOUGALL, Kurtis G. HEATON, and Paul NEWBY, 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 WHEREAS, TiVo, Inc., 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, Sunnyvale, 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 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 ASSIGNORS further agree that they will, without charge to said ASSIGNEEnd improvement in any and all countries, and to vest title thereto in said ASSIGNEE IN TESTIMONY WHEREOF, ASSIGNORS Date Jochen Philipp Backs Date Blaise Bertrand Date Charles Richard Lewis, Jr. FEB 7142000 Date Sam Yuchai Date Donald MacDougall Date Kurtis G. Heaton

Date

PATENT REEL: 010687 FRAME: 0734

RECORDED: 03/03/2000

Paul Newby