Form PTO-1595

10-30-2001

U.S. DEPARTMENT OF COMMERCE

101890100 101890100 (Rev. 03/01) U.S. Patent and Trademark Office OMB No. 0651-0027 (exp. 5/31/2002) 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) Name: KEEN PERSONAL MEDIA, INC. Russell M. Krapf Timothy J. Elliott L. Jeffrey Kapner III Internal Address: _____ Additional name(s) of conveying party(les) attached? 🔲 Yes 🛂 No 3. Nature of conveyance: ☐ Merger Assignment Street Address: ONE MORGAN Change of Name Security Agreement Other City: IRVINE State: CA Zip: 92618 10/15/2001 Execution Date: Additional name(s) & address(es) attached? 📮 Yes 🛛 No 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: 10/15/2001 B. Patent No.(s) A. Patent Application No.(s) Unknown Additional numbers attached? Yes No 6. Total number of applications and patents involved: 1 5. Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 CFR 3.41).....\$____ WON TAE C. KIM, REG. 40,457 ☐ Enclosed Internal Address: Authorized to be charged to deposit account WESTERN DIGITAL TECHNOLOGIES, INC. INTELLECTUAL PROPERTY DEPT. - C2 Deposit account number: Street Address: 20511 LAKE FOREST DRIVE 23-1209 (Attach duplicate copy of this page if paying by deposit account) City: LAKE FOREST State: CA Zip: 92630 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. WON TAE C. KIM, REG. 40,457 Name of Person Signing Total number of pages including cover sheet, attachments, and documents: 4

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

Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

00000247 231209

40.00 CH

PATENT REEL: 012285 FRAME: 0616

ASSIGNMENT

Whereas, I, RUSSELL M. KRAPF, a United States citizen, residing at Dana Point, California, have invented certain new and useful improvements in PERSONAL VIDEO RECORDER AND METHOD FOR INSERTING A STORED ADVERTISEMENT INTO A DISPLAYED BROADCAST STREAM (hereafter "Improvements") for which I have executed an application for a United States Patent filed on Herewith, Application No. Unknown (hereafter "Application"); and

Whereas, Keen Personal Media, Inc. (hereafter "Assignee"), a Delaware Corporation, desires to acquire the entire right, title, and interest in and to the Improvements and the Application.

Now, therefore, in consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the inventor, do hereby acknowledge that I have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the Assignee, its successors, legal representatives and assignees, the entire right, title, and interest throughout the world in, to and under the Improvements, and the Application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereof and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for the Improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and I hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patents for the Improvements to the Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

I hereby covenant and agree that I will communicate to the Assignee, its successors, legal representatives and assigns, any facts known to me respecting the Improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and aid the Assignee, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Improvements in all countries.

Munul M. /Crapf 10/15/01
USSELL M. KRAPF Date

State of CALIFORNIA) ss.

County of ORANGE

On Octobr 15, 2001, before me, Adigna Vaiela, Notary Public, personally appeared RUSSELL M. KRAPF and proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person executed the instrument.

Witness my hand and official seal.

ADRIANA VARELA

Hohiana Vaula Notary Public

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ASSIGNMENT

Whereas, I, TIMOTHY J. ELLIOTT, a United States citizen, residing at Fountain Valley, California, have invented certain new and useful improvements in PERSONAL VIDEO RECORDER AND METHOD FOR INSERTING A STORED ADVERTISEMENT INTO A DISPLAYED BROADCAST STREAM (hereafter "Improvements") for which I have executed an application for a United States Patent filed on Herewith, Application No. Unknown (hereafter "Application"); and

Whereas, Keen Personal Media, Inc. (hereafter "Assignee"), a Delaware Corporation, desires to acquire the entire right, title, and interest in and to the Improvements and the Application.

Now, therefore, in consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the inventor, do hereby acknowledge that I have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the Assignee, its successors, legal representatives and assignees, the entire right, title, and interest throughout the world in, to and under the Improvements, and the Application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereof and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for the Improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and I hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patents for the Improvements to the Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

I hereby covenant and agree that I will communicate to the Assignee, its successors, legal representatives and assigns, any facts known to me respecting the Improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and aid the Assignee, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Improvements in all countries.

- 1/2/

MOTHY J. BALIOTT

State of CALIFORNIA) ss.

County of ORANGE

On October 15, 2001, before me, Adva Valela, Notary Public, personally appeared TIMOTHY J. ELLIOTT and proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person executed the instrument.

Witness my hand and official seal.

ADRIANA VARELA
Commission # 1264391
Notary Public - California
Orange County
My Comm. Expires May 19, 2004

Notary Public

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ASSIGNMENT

Whereas, I, L. JEFFREY KAPNER III, a United States citizen, residing at Yorba Linda, California, have invented certain new and useful improvements in PERSONAL VIDEO RECORDER AND METHOD FOR INSERTING A STORED ADVERTISEMENT INTO A DISPLAYED BROADCAST STREAM (hereafter "Improvements") for which I have executed an application for a United States Patent filed on Herewith, Application No. Unknown (hereafter "Application"); and

Whereas, Keen Personal Media, Inc. (hereafter "Assignee"), a Delaware Corporation, desires to acquire the entire right, title, and interest in and to the Improvements and the Application.

Now, therefore, in consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the inventor, do hereby acknowledge that I have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the Assignee, its successors, legal representatives and assignees, the entire right, title, and interest throughout the world in, to and under the Improvements, and the Application and all divisions, renewals and continuations thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for the Improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and I hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patents for the Improvements to the Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

I hereby covenant and agree that I will communicate to the Assignee, its successors, legal representatives and assigns, any facts known to me respecting the Improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and aid the Assignee, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Improvements in all countries.

JEFFRITY KARNER II Date

State of CALIFORNIA

) ss.

County of ORANGE

On October 15, 200, before me, Harland, Valenda, Notary Public, personally appeared L. JEFFREY KAPNER III and proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person executed the instrument.

Witness my hand and official seal.

ADRIANA VARELA
Commission # 1264391
Notary Public - California
Orange County
My Comm. Expires May 19, 2004

RECORDED: 10/17/2001

Notary Public

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PATENT REEL: 012285 FRAME: 0619