Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------|----------------|
| James Fan | 08/26/2007 |
| Jennifer K. Lam | 08/27/2007 |

RECEIVING PARTY DATA

| Name: | AT&T Knowledge Ventures, L.P. | |
|-----------------|-------------------------------|--|
| Street Address: | 645 E. Plumb Lane | |
| City: | Reno | |
| State/Country: | NEVADA | |
| Postal Code: | 89502 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 11847648 |

CORRESPONDENCE DATA

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Address Line 2: Suite 1100

Address Line 4: Austin, TEXAS 78701

| ATTORNEY DOCKET NUMBER: | 130332.00184 |
|-------------------------|--------------|
| NAME OF SUBMITTER: | Mindy Mayer |

Total Attachments: 3

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PATENT REEL: 019904 FRAME: 0516

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PATENT REEL: 019904 FRAME: 0517

ASSIGNMENT

WHEREAS, James Fan, a citizen of the United States of America, residing in San Ramon, California, and Jennifer K. Lam, a citizen of the United States of America, residing at 43260 Cedarwood, Fremont, California, 94538, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled Remote Control with Content Management, Attorney Docket No. 130332.00184 (AT&T No. 2007-0228), for a full description of which reference is here made to an application for Letters Patent of the United States filed on August 30, 2007 and assigned Application Serial No. 11841648

WHEREAS, AT&T KNOWLEDGE VENTURES, L.P., a partnership organized and existing under the laws of the State of Nevada, having a place of business at 645 E. Plumb Lane, Reno, Nevada 89502, hereinafter called the "Assignee", desires to acquire the entire right, title and interest for the United States of America and elsewhere throughout the world in and to said invention and the patent application identified above, including any and all divisions and continuations thereof and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assigners have, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefore in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term and terms for all such patents.

AND said Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignors will execute and deliver to the Assignee to carry out the terms of this Assignment. Assignors authorize attorney or agent to fill in the U.S. Application Filing Date and Serial No., if required.

AND said Assignors authorize and request the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said Assignce, its assigns and legal representatives, in accordance with the terms of this Assignment.

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FULL NAME PRINTED

Assignment Page 2 of 3

Attorney Docket No. 130332.00184 AT&T Docket No. 2007-0228

IN TESTIMONY WHEREOF, this Assignment is executed by said Assignors, on the date(s) listed below.

NAME OF FIRST INVENTOR

SIGNATURE OF FIRST INVENTOR

WITNESSES FOR FIRST INVENTOR

FIRST WITNESS:

SIGNATURE / DATE

FULL NAME PRINTED

SECOND WITNESS:

SIGNATURE / DATE

SIGNATURE / DATE

MARCHARY A TALLA 8/27/07

PATENT REEL: 019904 FRAME: 0519 Assignment
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Attorney Docket No. 130332.00184 AT&T Docket No. 2007-0228

NAME OF SECOND INVENTOR

SIGNATURE OF SECOND INVENTOR

DATE

WITNESSES FOR SECOND INVENTOR

FIRST WITNESS:

SIGNATURE / DATE

FULL NAME PRINTED

SECOND WITNESS:

SIGNATURE / DATE

MACH PLANE | 1/27/07

FULL NAME PRINTED

RECORDED: 10/01/2007

PATENT REEL: 019904 FRAME: 0520