Form PTO-1595 (Rev. 01-09) OMB No. 0651-0027 (exp. 02/28/2009)

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| RECORDATION FO | ORM COVER SHEET |
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| PATENTS ONLY | |
| | se record the attached documents or the new address(es) below. |
| 1. Name of conveying party(ies) | 2. Name and address of receiving party(ies) |
| Robert C. Sims | Name: Crossroads Systems, Inc. |
| | Internal Address: |
| Additional name(s) of conveying party(ies) attached? Yes X No | |
| 3. Nature of conveyance/Execution Date(s): | Street Address: 11000 N. Mopac Expressway, |
| Execution Date(s) <u>03/10/2008</u> | Suite 100 |
| Assignment Merger | |
| Security Agreement Change of Name | City: Austin |
| Joint Research Agreement | State: Texas |
| Government Interest Assignment | Country: US Zip: 78759 |
| Executive Order 9424, Confirmatory License | <u> </u> |
| Other | Additional name(s) & address(es) attached? Yes No |
| 4. Application or patent number(s): | document is being filed together with a new application. B. Patent No.(s) |
| | b. Faterit No.(s) |
| 13/459,720 (Atty Dkt No. CROSS1990-2) | |
| | |
| Additional numbers attached? Yes No | |
| 5. Name and address to whom correspondence concerning document should be mailed: | 6. Total number of applications and patents involved: 1 |
| Name: Sprinkle IP Law Group (Cust. No. 44654) | |
| Internal Address: | 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 |
| | X Authorized to be charged to deposit account |
| Street Address: 1301 W. 25th Street, Suite 408 | Enclosed |
| | None required (government interest not affecting title) |
| City: Austin | 8. Payment Information |
| State: Texas Zip: 78705 | |
| Phone Number: 512-637-9220 | |
| Fax Number: 512-371-9088 | Deposit Account Number: 503183 |
| Email Address: | Authorized User Name: <u>Kevin A. Gust</u> |
| 9. Signature: Kevi A. Sunt | Man 21 2212 |
| Signature | May 31, 2012 |
| Kevin A. Gust, Patent Agent, Reg. No. 5103 | |
| Name of Person Signing | sheet, attachments, and documents: |

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450
PATENT

REEL: 028332 FRAME: 0612

ATTORNEY DOCKET CROSS1990

PATENT APPLICATION Serial No. 12/024,755 Copy From Parent

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ASSIGNMENT

This Assignment is made by **Robert C. Sims** of Round Rock, Texas ("Assignor").

WHEREAS, Assignor has invented a new and useful invention entitled **MEDIA LIBRARY MONITORING SYSTEM AND METHOD**, for which an application for United States Letters Patent was made on February 1, 2008, bearing an application number of 12/024,755; and

WHEREAS, Assignor believes himself to be the original inventor of the invention including any and all improvements disclosed in said application ("Invention"); and

WHEREAS, the parties desire to have a recordable instrument assigning the entire right, title and interest in and to said Invention, said application, on any subsequently filed divisional, continuation, continuation-in-part, re-examination, reissue or other application for protection ("Applications"), and any patents, invention registrations or other forms of protection ("Patents") that may be granted for said Invention from any Applications in the United States and throughout the world;

NOW, THEREFORE, in accordance with the obligations to assign the Invention and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor hereby sells, assigns, and transfers to Crossroads Systems, Inc., having a principal business address at 11000 N. Mopac Expressway, Suite 100, Austin, TX 78759 (hereinafter referred to as "Assignee"), the entire right, title, and interest in and to said invention, said Applications and any Patents that may be granted for said invention in the United States and throughout the world, including the right to file foreign applications directly in the name of the Assignee and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties, or otherwise.

Assignor agrees that, upon request and without further compensation, but at no expense to Assignor, he and his legal representatives and assigns will do all lawful acts, including the execution of papers and the giving of testimony, that may be necessary or desirable for obtaining, sustaining, reissuing, or enforcing the Patents in the United States and throughout the world for said Invention, and for perfecting, recording, or maintaining the title of Assignee, its successors and assigns, to said Invention, said application, and any Patents granted for said Invention in the United States and throughout the world.

PATENT REEL: 028332 FRAME: 0613 ATTORNEY DOCKET CROSS1990

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Assignor represents and warrants that he has not granted and will not grant to others any rights inconsistent with the rights granted herein.

Assignor authorizes and requests the Commissioner for Patents of the United States and of all foreign countries to issue any Patents granted for said Invention, whether on said application or on any subsequently filed divisional, continuation, continuation-in-part, reexamination, reissue or other application, to Assignee, its successors and assigns, as the assignee of the entire interest in said Invention.

IN WITNESS WHEREOF, Assignor has executed this Assignment on the date provided below.

| Name of Sole | inventor: |
|--------------|-----------|
|--------------|-----------|

RECORDED: 05/31/2012

Signature:

Date:

PATENT

REEL: 028332 FRAME: 0614