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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.	
Name of conveying party(ies)	2. Name and address of receiving party(ies)
a) Keith M. Arroyo b) Stephen K. Wilson	Name: Crossroads Systems, Inc.
	Internal Address:
Additional name(s) of conveying party(ies) attached? Yes X	
3. Nature of conveyance/Execution Date(s):	Street Address: 11000 N. Mopac Expressway
Execution Date(s) a) 02/25/1999; b) 02-22-1999	
X Assignment Merger	Suite 100
Security Agreement Change of Name	City: Austin
☐ Joint Research Agreement☐ Government Interest Assignment	State: Texas
Executive Order 9424, Confirmatory License	Country: <u>US</u> <u>Zip: 78759</u>
Other	Additional
4. Application or patent number(s): Additional name(s) & address(es) attached? Yes No	
A. Patent Application No.(s)	document is being filed together with a new application. B. Patent No.(s)
40/04 / 5 / /	D. 1 dichit 140.(5)
10/914,574 (Attorney Docket No. CROSS1290-2)	
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 at any 11
Street Address: 1301 W. 25th Street, Suite 408	Authorized to be charged to deposit account Enclosed
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City: Austin	None required (government interest not affecting title) 8. Payment Information
State: <u>Texas</u> Zip: <u>78705</u>	, and a second s
Phone Number: <u>512-637-9220</u>	j
ax Number: 512-371-9088	Deposit Account Number: 503183
Email Address:	Authorized User Name: Ari Akmal
. Signature:	22
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Ari Akmal, Reg. No. 51,388	Total number of pages including cover
Name of Person Signing Documents to be recorded (Including cover sheet) s	sheet, attachments, and documents.
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PATENT REEL: 026012 FRAME: 0380

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ATTORNEY DOCKET NO. CROSS1290-1

PATENT APPLICATION

1

ASSIGNMENT

This Assignment is made by Keith M. Arroyo of Austin, Texas; and Stephen K. Wilson of Austin, Texas ("Assignors").

WHEREAS, Assignors have invented a new and useful invention entitled Streaming Method and System For Fibre Channel Network Devices, for which an application for United States Letters Patent is made, said application having been executed on the date set forth below; and

WHEREAS, Assignors believe themselves to be the original inventors of the invention disclosed and claimed in said application for Letters Patent; and

WHEREAS, the parties desire to have a recordable instrument assigning the entire right, title and interest in and to said invention, said application and any Letters Patent that may be granted for said invention 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, Assignors sell, assign, and transfer to Crossroads Systems, Inc. (hereinafter referred to as "Assignee"), the entire right, title, and interest in and to said invention, said application and any Letters Patent 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.

Assignors agree that, upon request and without further compensation, but at no expense to Assignors, they and/or their 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 Letters Patent in the United States and throughout the world for said invention, and for perfecting, recording, or maintaining the

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PATENT REEL: 026012 FRAME: 0381 ATTORNEY DOCKET NO. CROSS1290-1

PATENT APPLICATION

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title of Assignee, its successors and assigns, to said invention, said application, and any Letters Patent granted for said invention in the United States and throughout the world.

Assignors represent and warrant that they have not granted and will not grant to others any rights inconsistent with the rights granted herein.

Assignors authorize and request the Assistant Commissioner for Patents of the United States and of all foreign countries to issue any Letters Patent granted for said invention, whether on said application or on any subsequently filed divisional, continuation, continuation-in-part or reissue application, to Assignee, its successors and assigns, as the assignee of the entire interest in said invention.

IN WITNESS WHEREOF, Assignors have executed this Assignment on the dates provided below.

Full name of first inventor:

Inventor's signature:

Date:

Citizenship:

Post Office Address:

Keith M. Arroyo

2-25-99

United States of America

13226 Kerrville Folkway

Austin, Texas 78729

Full name of second inventor:

Inventor's signature:

Date:

Citizenship:

Post Office Address:

Stephen K. Wilson

2-22-90

United States of America

807 Theresa Avenue

Austin, Texas 78703

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RECORDED: 03/23/2011