PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Raghavendra Uppalli	11/28/2011
Rajesh Balasubramaniam	11/29/2011
James Mark Shaw	11/23/2011

RECEIVING PARTY DATA

Name:	OPNET Technologies, Inc.
Street Address:	7255 Woodmont Avenue
City:	Bethesda
State/Country:	MARYLAND
Postal Code:	20814

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13301688

CORRESPONDENCE DATA

Fax Number: (215)243-7525 Phone: 804-493-0707

Email: PATENTS@LAWYER.COM

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

US Mail.

Correspondent Name: ROBERT M. MCDERMOTT, ESQ.

Address Line 1: 1824 FEDERAL FARM ROAD

Address Line 4: MONTROSS, VIRGINIA 22520

ATTORNEY DOCKET NUMBER: OP-060729C

NAME OF SUBMITTER: Robert M. McDermott Reg#41,508

Total Attachments: 2

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PATENT REEL: 027360 FRAME: 0274 4

ASSIGNMENT OF APPLICATION

Attorney Docket OP-060729C

For good and valuable consideration, I as a below-named Assignor, hereby sell, assign, and transfer the entire right, title, and interest in the following to:

OPNET Technologies, Inc. 7255 Woodmont Avenue Bethesda, MD 20814

and to its successors, assigns, and legal representatives, including any nominees (collectively "the Assignee") my/our invention relating to as described in the U.S. patent application entitled: LINK INFERENCE IN LARGE NETWORKS BASED ON

NCOM	IPLEIE DAIA
[executed concurrently herewith,
	executed on
	If filed in the United States Patent and Trademark Office on Nov. 21, 2011 as
	Serial Number 13/301,688,
t	he foregoing patent application and all other U.S. and foreign patent application

the foregoing patent application and all other U.S. and foreign patent applications based thereon, including divisions, continuations, reissues, and extensions, and all patents granted on these applications.

I will provide my cooperation to enable the Assignee to enjoy the foregoing right, title, and interest to the fullest extent. Upon request at the expense of the Assignee, I agree to execute all papers, take all rightful oaths, testify in all legal proceedings including patent prosecution actions and infringement actions, and do all other such acts which may be necessary, desirable, or convenient for securing and maintaining patents on the foregoing invention or for perfecting title thereto in the Assignee. I authorize and request that these patents be issued to the Assignee.

I certify that I have the full right to convey the above rights.

Date: 11 28 11	Signature: Raphalli, Raghavendra
Date:	Signature: Assignor: Balasubramaniam, Rajesh
Date: <u>11/29///</u>	Signature: Assignor: Shaw, James Mark

PATENT REEL: 027360 FRAME: 0275

NOV 2 8 2011

ASSIGNMENT OF APPLICATION

LEGAL DIVISION

Attorney Docket OP-060729C

For good and valuable consideration, I as a below-named Assignor, hereby sell, assign, and transfer the entire right, title, and interest in the following to:

OPNET Technologies, Inc. 7255 Woodmont Avenue Bethesda, MD 20814

and to its successors, assigns, and legal representatives, including any nominees (collectively "the Assignee") my/our invention relating to as described in the U.S. patent application entitled: LINK INFERENCE IN LARGE NETWORKS BASED ON INCOMPLETE DATA

INCOMPLETE DAT	A
executed co	ncurrently herewith,
executed on	·
☐ filed in the !	United States Patent and Trademark Office on Nov. 21, 2011 as
Serial N	umber 13/301,688,
the foregoing p	atent application and all other U.S. and foreign patent applications
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I certify that I have the full right to convey the above rights.

Date: _	00000000000000000000000000000000000000	Signature:
		Assignor: Uppalli, Raghavendra
Date: _	11/23/2011	
		Assignor: Balasuhyamaniam, Rajesh
Date:		Signature:
		Assignor: Shaw, James Mark

PATENT REEL: 027360 FRAME: 0276

RECORDED: 12/09/2011