PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		

CONVEYING PARTY DATA

Name	Execution Date		
DR. JEFFREY JOHN ROPER	05/27/2014		

RECEIVING PARTY DATA

Name:	ENTUITY LIMITED
Street Address:	9A DEVONSHIRE SQUARE
City:	LONDON
State/Country:	UNITED KINGDOM
Postal Code:	EC2M 4YL

PROPERTY NUMBERS Total: 4

Property Type	Number
Application Number:	14255815
Application Number:	14255866
Application Number:	14255835
Application Number:	14255844

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	PAGEW6.001AUS
NAME OF SUBMITTER:	SCOTT CROMAR
SIGNATURE:	/Scott Cromar/
DATE SIGNED:	07/08/2014

Total Attachments: 2

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PATENT 502883441 REEL: 033266 FRAME: 0041

ASSIGNMENT

WHEREAS, Dr. Jeffrey John Roper, residing in Longfield, United Kingdom, (individual hereinafter "ASSIGNOR") is the owner of rights in an invention and/or new and useful improvements ("Work") disclosed in the following Patent Applications (collectively, the "Applications"):

Application Filing Date		Title	Attorney Docket No.	
14/255,815	April 17, 2014	IDENTIFICATION OF PATHS IN A NETWORK OF MIXED ROUTING/SWITCHING DEVICES	PAGEW6.001AUS	
14/255,866	April 17, 2014	IDENTIFICATION OF THE PATHS TAKEN THROUGH A NETWORK OF INTERCONNECTED DEVICES	PAGEW6.002AUS	
14/255,835	April 17, 2014	QUERYING A TRAFFIC FORWARDING TABLE	PAGEW6.003AUS	
14/255,844	April 17, 2014	IDENTIFYING AN EGRESS PORT OF A DEVICE	PAGEW6.004AUS	

AND WHEREAS, **Entuity Limited, a United Kingdom Company**, with its principal place of business at **9a Devonshire Square, London, United Kingdom EC2M 4YL** (hereinafter the "ASSIGNEE"), desires to acquire the entire right, title, and interest in and to the Applications and the Work:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in and to the Application and the Work, including all provisional applications relating thereto, and all nonprovisional applications claiming priority thereto, including, all divisions, continuations, continuations-in-part, reissues, and reexaminations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and any related Letters Patent which may hereafter be granted or filed in any country or countries foreign to the United States, all extensions, renewals and reissues thereof; and ASSIGNOR hereby authorizes and requests 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 related Letters Patent to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Work, and testify in any legal proceeding, assist in the preparation of any other provisional or non-provisional applications relating to the Application and the Work or any improvements made thereto, sign all lawful papers, authorize the filing of and execute and make all rightful oaths and/or declarations in connection with the Application and the Work including any

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improvements								
filed from any								
ASSIGNEE, its	s successors,	legal represe	ntatives and	l assigns, to	obtain a	and enfor	ce prope	er patent
protection for t	he Work in all	countries.						
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Legal Name of inventor: Dr. Jeffrey John Roper

Inventor Signature:

Witnessed by:

Witness Name (printed):

d): LEE WALKER

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RECORDED: 07/08/2014