

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
BRADLEY DAVID RUTKOWSKI	02/01/2017
SRINIVASACHAKRAPANI KOTIPALLI	02/01/2017
MATHRUBOOTHAM JANAKIRAMAN	02/01/2017
VEENU SINGLA	02/01/2017
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State/Country:	WASHINGTON
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15424439
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ATTORNEY DOCKET NUMBER:	401393-US-NP
NAME OF SUBMITTER:	PATRICK L. MUINO
SIGNATURE:	/Patrick L. Muino/
DATE SIGNED:	02/06/2017
Total Attachments: 8	
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source=2017-02-06 634.0363 Assignment#page8.tif

I Bradley David Rutkowski ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "DIFFUSING PACKETS TO IDENTIFY FAULTY NETWORK APPARATUSES IN MULTIPATH INTER-DATA CENTER NETWORKS" ("APPLICATION"), which:

☒ will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representative, Microsoft Technology Licensing, LLC., One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on _____ and given Application No. _____ by the following Office US - United States Patent and Trademark Office) this APPLICATION's Application No., filing date, and Office, when known;

☐ was filed on _____ and was given Application No. _____ by the following Office "_____";

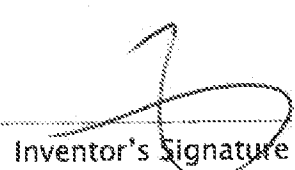
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ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S LEGAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known;

Application No.	Filing Date	Office

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, ASSIGNOR's entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

 Inventor's Signature	<u>2/1/17</u> Date
<u>Bradley David Rutkowski</u> Printed Name in English	 Printed Name in Native Language (if other than English)

MS Docket No.: 401393-US-NP

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[illegible]

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<u>Kschaler</u>	<u>2/1/2017</u>
Inventor's Signature	Date
<u>Srinivasachakrapani Kotipalli</u>	
Printed Name in English	Printed Name in Native Language (if other than English)

I Mathrubootham Janakiraman ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "DIFFUSING PACKETS TO IDENTIFY FAULTY NETWORK APPARATUSES IN MULTIPATH INTER-DATA CENTER NETWORKS" ("APPLICATION"), which:

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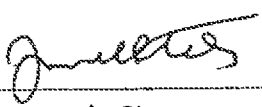
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	02/01/2017
Inventor's Signature	Date
<u>Mathrubootham Janakiraman</u>	
Printed Name in English	Printed Name in Native Language (if other than English)

I Veenu Singla ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "DIFFUSING PACKETS TO IDENTIFY FAULTY NETWORK APPARATUSES IN MULTIPATH INTER-DATA CENTER NETWORKS" ("APPLICATION"), which:

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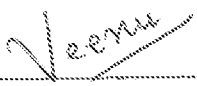
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	<u>02 / 01 / 2017</u>
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<u>Veenu Singla</u>	
Printed Name in English	Printed Name in Native Language (if other than English)