504841345 03/28/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GRAHAM EDWARD FAGG	03/05/2010
RAJNEESH MAHAJAN	03/05/2010
MOSHE ZILBERSTEIN	03/05/2010
GUATAM SWAMINATHAN	03/07/2010
COSTIN HAGIU	03/08/2010

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14974858

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ATTORNEY DOCKET NUMBER:	328714-US-CNT
NAME OF SUBMITTER:	DAVIN CHIN
SIGNATURE:	/Davin Chin/
DATE SIGNED:	03/28/2018

Total Attachments: 3

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PATENT REEL: 045375 FRAME: 0151

PATENT ASSIGNMENT

I/WE, Graham Edward Fagg, Rajneesh Mahajan, Moshe Zilberstein, Guatam Swaminathan, and Costin Hagiu ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "DETECTION OF END-TO-END TRANSPORT QUALITY" ("APPLICATION"), which:

\checkmark	will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR			
	hereby authorizes, and requests, ASSIGNEE'S legal representatives, of			
	the Law and Corporate Affairs Department, Microsoft Corporation, One			
	Microsoft Way, Redmond, Washington 98052, who are associated with			
	customer number $\underline{41505}$, to insert here in parenthesis (Application			
	No. $\frac{12/719,669}{100}$, filed $\frac{3/8/2010}{100}$) this APPLICATION's Application No. and			
	filing date, when known;			
	was filed on and was given Application No;			
	is filed concurrently herewith;			

Microsoft Corporation, a Washington Corporation, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES")):

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, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and 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).

PATENT ASSIGNMENT

Inventor's Signature	SMark 2010
Juvenior's signature	Date
Graham Edward Fagg	
Printed Name in English	Printed Name in Native Language (if
	other than English)
12 men	5 Mach 2010
Inventor's \$ignature	Date
Rajneesh Mahajan	
Printed Name in English	Printed Name in Native Language (if
	other than English)
1	5 March 2010
Ínventor's Signature	Date
_	
Moshe Zilberstein	1"Oura & new
Printed Name in English	Printed Name in Native Language (if
Times name in English	Times Hame in Harre Language (ii

other than English)

PATENT ASSIGNMENT

Fruleus Snamwelter	3/7/2010
Inventor's Signature	Date
Guatam Swaminathan Printed Name in English	Printed Name in Native Language (if other than English)
	3/8/2010
Inventor's Signature	Date
Costin Hagiu	
Printed Name in English	Printed Name in Native Language (if
	other than English)