506009770 04/10/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6056480

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAMES ALEXANDER LATHAM	12/14/2017
ZOLTAN HOMORODI	12/12/2017
MICHAEL ENGAN	12/12/2017

RECEIVING PARTY DATA

Name:	T-MOBILE USA, INC.
Street Address:	12920 SE 38TH STREET
City:	BELLEVUE
State/Country:	WASHINGTON
Postal Code:	98006-1350

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16845745

CORRESPONDENCE DATA

Fax Number: (509)323-8979

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Email: lindac@leehayes.com
Correspondent Name: LEE & HAYES, PLLC

Address Line 1: 601 W. RIVERSIDE AVENUE

Address Line 2: SUITE 1400

Address Line 4: SPOKANE, WASHINGTON 99201

ATTORNEY DOCKET NUMBER:	TM2-0520USC1
NAME OF SUBMITTER:	LINDA CLARK
SIGNATURE:	/LINDA CLARK/
DATE SIGNED:	04/10/2020

Total Attachments: 6

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> PATENT REEL: 052367 FRAME: 0487

ASSIGNMENT

WHEREAS, James Alexander Latham, Zoltan Homorodi, and Michael Engan, residing at Redmond, WA, Snoqualmie, WA, and Bellevue, WA, respectively (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to

DETECTING FRAUDULENT LOGINS

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled
"DETECTING FRAUDULENT LOGINS" for which:
a provisional application for United States Letters Patent was filed on and
was given U.S. Serial No; and/or
a non-provisional application for United States Letters Patent was:
filed on December 15, 2017 and was given U.S. Scrial No. 15/844,466
or filed concurrently herewith. Assignors hereby authorize and request ASSIGNEE's legal
representatives, of Lee & Hayes, PLLC, 601 W Riverside Ave, Suite 1400, Spokane,
Washington 99201, who are associated with customer number 132935, to insert in the
caption above the serial number and filing date of the patent application when known.

WHEREAS, **T-Mobile USA, Inc.** a corporation of the State of Delaware, having its principal place of business at 12920 SE 38th Street, Bellevue, Washington, (hereinafter called "Assignee"), is desirous of acquiring Assignors' entire right, title, and interest therein:

NOW, THEREFORE, BE IT KNOWN that for and in consideration of the sum of One Dollar and other valuable considerations, the receipt of which is hereby acknowledged, Assignors have sold, assigned, and transferred, and do hereby sell, assign and transfer unto said Assignee their entire right, title and interest in and to all said inventions and discoveries disclosed in said application whose identification above by serial number and filing date, when available is hereby authorized, and in and to said application, all substitutions, divisions, and continuations thereof, and in and to all Letters Patent, United States and foreign, that may be granted for said inventions and discoveries, and in and to all extensions, renewals, and reissues thereof, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignors if this Assignment and saie had not been made.

And Assignors hereby authorize and request the Commissioner of Patents of the United States to issue said Letters Patent in accordance with this Assignment;

And for the consideration aforesaid, Assignors covenant and agree with said Assignee that he has a full and unencumbered title to the inventions and discoveries above described and hereby assigned, which title they warrant unto said Assignee, its successors and assigns;

Page 1

And for the consideration aforesaid, Assignors further covenant and agree that they will, whenever requested, but without cost to them promptly communicate to said Assignee or its representatives any facts known to them relating to said inventions and discoveries, testify in any interference or legal proceedings involving said inventions and discoveries, and execute any additional papers that may be necessary to enable said Assignee or its representatives, successors, nominees, or assigns to secure full and complete protection for the said inventions and discoveries or that may be necessary to vest in said Assignee the complete title to the said inventions and discoveries and patents hereby conveyed and to enable it to record said title.

12/14/17	
Date	James Alexander Latham
Date	Zoltan Homorodi
Date	Michael Engan

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Date	James Alexander Latham
12/12/2017	1122-7
Date	Zoltan Homorodi
Date	Michael Engan

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PATENT REEL: 052367 FRAME: 0492 And for the consideration aforesaid, Assignors further covenant and agree that they will, whenever requested, but without cost to them promptly communicate to said Assignee or its representatives any facts known to them relating to said inventions and discoveries, testify in any interference or legal proceedings involving said inventions and discoveries, and execute any additional papers that may be necessary to enable said Assignee or its representatives, successors, nominees, or assigns to secure full and complete protection for the said inventions and discoveries or that may be necessary to vest in said Assignee the complete title to the said inventions and discoveries and patents hereby conveyed and to enable it to record said title.

Date	James Alexander Latham	
Date	Zoltan Homorodi	
13/12/17	mh	
Date	Michael Engan	