PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7325419

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
CITRIX SYSTEMS, INC.	05/04/2022

RECEIVING PARTY DATA

Name:	BYTEMOBILE INNOVATIONS, LLC	
Street Address:	1944 HENDERSONVILLE ROAD	
Internal Address:	SUITE E-1	
City:	ASHEVILLE	
State/Country:	SOUTH CAROLINA	
Postal Code:	28803	

PROPERTY NUMBERS Total: 44

Property Type	Number
Application Number:	60479349
Application Number:	60293756
Application Number:	60654730
Application Number:	60292564
Application Number:	60685260
Application Number:	60948907
Application Number:	60948917
Application Number:	61017275
Application Number:	61165224
Application Number:	61369513
Application Number:	61495949
Application Number:	61495951
Application Number:	61495952
Application Number:	09618881
Application Number:	10315350
Application Number:	60177329
Application Number:	08852557
Application Number:	60220730
Application Number:	60273233

PATENT REEL: 059894 FRAME: 0547

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Property Type	Number
Application Number:	60241086
Application Number:	09982509
Application Number:	60273246
Application Number:	60241096
Application Number:	09982508
Application Number:	60273245
Application Number:	60241095
Application Number:	60241087
Application Number:	09981635
Application Number:	60240985
Application Number:	60272907
Application Number:	60499648
Application Number:	60309212
Application Number:	60283542
Application Number:	60309218
Application Number:	60291918
Application Number:	60309213
Application Number:	60290269
Application Number:	60291825
PCT Number:	US2001002222
PCT Number:	US1998009332
PCT Number:	US2001023735
PCT Number:	US2001032479
1 OT Number.	
PCT Number:	US2001032318

CORRESPONDENCE DATA

Fax Number:

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: juliann.raymond@citrix.com

Correspondent Name: JULIANN RAYMOND
Address Line 1: 15 NETWORK DRIVE

Address Line 4: BURLINGTON, MASSACHUSETTS 01803

NAME OF SUBMITTER:	JULIANN RAYMOND
SIGNATURE:	/Juliann Raymond/
DATE SIGNED:	05/11/2022

Total Attachments: 4

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PATENT REEL: 059894 FRAME: 0548 source=Citrix Second Assignment to ByteMobile Innovations (For Recording)#page2.tif source=Citrix Second Assignment to ByteMobile Innovations (For Recording)#page3.tif source=Citrix Second Assignment to ByteMobile Innovations (For Recording)#page4.tif

PATENT REEL: 059894 FRAME: 0549

APPENDIX D

PATENT ASSIGNMENT

This PATENT ASSIGNMENT ("Assignment"), effective as of April 💯, 2022 (the "Effective Date"), is made by and between Citrix Systems, Inc., a Delaware corporation having an office at 851 West Cypress Creek Road, Fort Lauderdale, Florida 33309 ("ASSIGNOR"), and ByteMobile Innovations, LLC, a North Carolina limited liability company having an office at 1944 Hendersonville Road, Suite E-1, Asheville, NC 28803 ("ASSIGNEE").

WHEREAS, ASSIGNOR is the sole and exclusive owner of the patents and patent applications set forth in **Attachment D1** and incorporated by reference herein (the "ASSIGNED PATENT ASSETS") and

WHEREAS, ASSIGNEE is desirous of acquiring the full right, title and interest in and to said ASSIGNED PATENT ASSETS.

Assignment. For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR hereby grants, conveys, transfers and assigns to ASSIGNEE the entire and exclusive right, title and interest in and to (i) said ASSIGNED PATENT ASSETS and the inventions described therein, including any and all divisionals, continuations, continuations-in-part, reissues, reexams, extensions, or foreign counterparts thereof, (ii) all rights to royalties and other payments under the ASSIGNED PATENT ASSETS, and (iii) all rights to enforce the ASSIGNED PATENT ASSETS and to sue for, collect and retain all damages for past, present and future infringement of the ASSIGNED PATENT ASSETS, the ASSIGNED PATENT ASSETS to be held and enjoyed by ASSIGNEE for its own use and as fully and entirely as the same would have been held and enjoyed by ASSIGNEE had this Assignment not been made. ASSIGNOR hereby undertakes to execute and deliver to ASSIGNEE upon request all lawful documents which may be requested by ASSIGNEE, and to furnish ASSIGNEE with all facts relating to the ASSIGNED PATENT ASSETS as may be requested.

Recordation. ASSIGNOR authorizes and requests the Commissioner of Patent and Trademarks of the United States and the relevant official of any foreign patent office to record ownership of the ASSIGNED PATENT ASSETS as the property of the ASSIGNEE.

IN WITNESS WHEREOF, ASSIGNOR has caused this Assignment to be duly signed on its behalf.

CHECKLY YNG CONTROL FOR THE YOUR

	Signature: Lesley Hamlin	
	Date: 05/04/2022	
Assignment Accepted By:		
	ByteMobile Innovations, LLC	
	Signature: <u>Hort Moss</u>	
	Date: <u>April 30,2022</u>	

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Attachment D1

Patent/Pub No	Countr	y Application No	Title
N/A	US	60/948917	Adaptive Bitrate Management for Streaming Media Over Packet Networks
N/A	US	61/495952	Adaptive Bitrate Management on Progressive Download with Indexed Media File
N/A	US	60/685260	Advanced Data Optimization
N/A	US	61/495951	Application of Adaptive Quantization in Quality-Aware Video Optimization
AU1458702A	AU	AU1458702A	Browser and Network Optimization Systems and Methods
US20020062395	US	09/981635	Browser and network optimization systems and methods
N/A	US	60/240985	Browser and Network Optimization Systems and Methods
WO0233512	PCT	PCT/US2001/032168	Browser and Network Optimization Systems and Methods Browser and Network Optimization Systems and Methods
N/A	TIO	The second secon	Data Transport Appolaration and Management Application and Management Applicati
IVA	US	60/309212	Data Transport Acceleration and Management within a Network Communication System
N/A	US	60/283542	Data Transport Acceleration and Management within a Network Communication
AU1459902A	and the second contraction of the second con		System
and the first of the second	AU	AU1459902A	E-Mail and Messaging Systems and Methods
EP1337927A1	EP	EP01983149A	E-Mail and Messaging Systems and Methods
US20020059388	US	09/982508	E-mail and messaging systems and methods
N/A	US	60/273245	E-Mail and Messaging Systems and Methods
N/A	US	60/241095	E-Mail and Messaging Systems and Methods
WO0233562	PCT	PCT/US2001/032318	E-Mail and Messaging Systems and Methods
N/A	US	61/165224	Framework for Quality-Aware Video Optimization
N/A	US	60/241087	Global Sequence Numbers in Wireless Communications Systems and Methods
N/A	US	60/479349	Method and System for Dynamic Interleaving
N/A	US	60/948907	Method for Media Discovery
N/A	US	60/292564	Method for Spangared Poeket Switched Date C
T. T. / A	*** AP draw in the state of the	. 1941-19-19-19-19-19-19-19-19-19-19-19-19-19	Method for Sponsored Packet Switched Data Services on a Wireless Network
N/A	US	60/293756	Method for Transaction Based Packet Switched Data Services on a Wireless Network
N/A	He	604400640	Multi-Link Network Architecture, Including Security, In Seamless Roaming
IVA	US	60/499648	Communications Systems and Methods
N/A	T.I.O.		On-Demand Adaptive Bitrate Management for Streaming Media Over Packet
INITY	US	61/495949	Networks
N/A	US	60/654730	Platform and Method for Providing Data Services in a Communication Network
N/A	TIC	and the state of t	Quality of Service Management for Multiple Connections Within a Network
19/71	US	60/291825	Communication System
US6166729	US	08/852557	Remote digital image viewing system and method
AU7293098A	AU	AU7293098A	Remote Visual Information Monitoring System and Method
EP1010327A1	EP	EP98920327A	Permote Vigual Information Manifesting System and Method
JP2002507336A	JP	JP54849798A	Remote Visual Information Monitoring System and Method
WO9851080A1	PCT	PCT/US1998/009332	Remote Visual Information Monitoring System and Method
N/A	US	Committee of the commit	Remote Visual Information Monitoring System and Method
N/A		60/272907	Scalable Server Architecture Systems and Methods
N/A	US	60/309218	Service-Based Compression of Content within a Network Communication System
IVA	US	60/291918	Service-Based Compression of Content within a Network Communication System
N/A	US	60/309213	Systems and Methods for Providing Differentiated Services within a Network
N/A	US	61/369513	Communication System
N/A	US	61/017275	Systems and Methods for Video Cache Indexing
N/A	CARLAR ATTIMATERS CONTRACTOR	AND BUT TO A STATE OF THE SECOND PROPERTY OF	TCP Packet Spacing
AU1335502A	US	60/290269	Transcoding Multimedia Information Within a Network Communication System
	_ AU	AU1335502A	Wireless ASP Systems and Methods
EP1337904A2	EP	EP01981730A	Wireless ASP Systems and Methods
US20020115407	US	09/982509	Wireless ASP systems and methods
N/A	US	60/273246	Wireless ASP Systems and Methods
N/A	US	60/241096	Wireless ASP Systems and Methods
WO0233515	PCT	PCT/US2001/032479	Wireless ASP Systems and Methods
AU1461002A	AU	AU1461002A	Wireless Communications Invisible Proxy and Hooking Systems and Methods
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V/A	US	60/241086	Wireless Communications Invisible Proxy and Hooking Systems and Methods
AT485654T	AT	AT01905003T	Wireless Communications Invisible Proxy and Hooking Systems and Methods
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102001232923	AU	AU3292501A	Wireless Network System and Method

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Patent/Pub No	Country	Application No	Title
BR0107746A	BR	BR0107746A	Wireless Network System and Method
CA2397951A1	CA	CA2397951A	Wireless Network System and Method
CN1426647A	CN	CN01806939A	Wireless Network System and Method
DE60143288D1	DE	DE60143288T	Wireless Network System and Method
EP1258104	EP	EP20010905003	Wireless Network System and Method
1258104	FR	1905003.8	Wireless Network System and Method
1258104	GB	1905003.8	Wireless Network System and Method
IL150816D0	IL	IL15081601A	Wireless Network System and Method
NA	IN	N/A	Wireless Network System and Method
JP2003521155A	JP	- Annual Control of the Control of t	Wireless Network System and Method
KR20020079796A	44 - Em	JP2001553718A	Wireless Network System and Method
N/A	KR	KR20027009407A	Wireless Network System and Method
N/A	MX	PA/a/2002/007124	Wireless Network System and Method
A Part of the Company	SG	200204405-5	Wireless Network System and Method
US6496520	US	09/618881	Wireless network system and method
US20030112824	US	10/315350	Wireless network system and method
N/A	US	60/177329	Wireless Network System and Method
WO0154351A1	РСТ	PCT/US2001/002222	Wireless Network System and Method
AU2001277211A1	AU	AU2001277211A	
N/A	US	60/220730	Wireless Network System and Method
WO2004019626A1	PCT	PCT/US2001/023735	Wireless Network System and Method
N/A	US	a financi y de començão do tras, polos maio de estado propria como propria do como como de estado de estad	Wireless Network System and Method
	•	60/479349	Method and System for Dynamic Interleaving
N/A	US	60/293756	Method for Transaction Based Packet Switched Data Services on a Wireless Network
N/A	US	60/654730	
N/A	US	60/292564	Platform and Method for Providing Data Services in a Communication Network
N/A	US	60/685260	Method for Sponsored Packet Switched Data Services on a Wireless Network Advanced Data Optimization
N/A	US	60/948907	Method for Media Discovery
N/A	US	60/948917	Adaptive Bitrate Management for Streaming Media Over Packet Networks
N/A N/A	US	61/017275	TCP Packet Spacing
N/A	US	61/165224	Framework for Quality-Aware Video Optimization
* ** *	US	61/369513	Systems and Methods for Video Cache Indexing
N/A	US	61/495949	On-Demand Adaptive Bitrate Management for Streaming Media Over Packet
N/A	US .	61/495951	Networks Application of Adaptive Operation
N/A			Application of Adaptive Quantization in Quality-Aware Video Optimization
	US	61/495952	Adaptive Bitrate Management on Progressive Download with Indexed Media Files
AT485654T	AT	AT01905003T	Wireless Network System and Method
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CA2397951A1 CN1426647A	CA	CA2397951A	Wireless Network System and Method
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1258104	FR	01905003.8	Wireless Network System and Method
1258104	GB	01905003.8	Wireless Network System and Method
L150816D0	IL	IL15081601A	Wireless Network System and Method Wireless Network System and Method
√/A		N/A	Wireless Network System and Method
P2003521155A		JP2001553718A	Wireless Network System and Method
KR20020079796A	KR	KR20027009407A	Wireless Network System and Method
√A		PA/a/2002/007124	Wireless Network System and Method
V/A 196406520		200204405-5	Wireless Network System and Method
JS6496520 JS20030112824		09/618881	Wireless network system and method
J/A	US US	10/315350	Wireless network system and method
<u> </u>		60/177329 PCT/US2001/002222	Wireless Network System and Method
		PCT/US2001/002222	Wireless Network System and Method
U7293098A	AU .	AU7293098A	Remote Visual Information Monitoring System and Method

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Patent/Pub No	Country	Application No	Title
JP2002507336A	JP	JP54849798A	
US6166729	US	08/852557	Remote Visual Information Monitoring System and Method
WO9851080A1	PCT	PCT/US1998/009332	Remote digital image viewing system and method
AU2001277211A1	AU	AU2001277211A	Remote Visual Information Monitoring System and Method
N/A	US	60/220730	Wireless Network System and Method
WO2004019626A1	PCT	PCT/US2001/023735	Wireless Network System and Method
AU1461002A	AU	AU1461002A	Wireless Network System and Method
N/A	US	60/273233	Wireless Communications Invisible Proxy and Hooking Systems and Methods
N/A	US	60/241086	whereas Communications invisible Proxy and Hooking Systems and Mathada
AU1335502A	AU	AU1335502A	whereas Communications invisible Proxy and Hooking Systems and Matheda
EP1337904A2	EP	EP01981730A	Wheless Asir Systems and Methods
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N/A	US	60/273246	Wireless ASP systems and methods
N/A	US	60/241096	Wireless ASP Systems and Methods
WO0233515	PCT		Wireless ASP Systems and Methods
AU1459902A	AU	PCT/US2001/032479	Wireless ASP Systems and Methods
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US20020059388	US	EP01983149A	E-Mail and Messaging Systems and Methods
N/A		09/982508	E-mail and messaging systems and methods
N/A	US	60/273245	E-Mail and Messaging Systems and Methods
WO0233562	US	60/241095	E-Mail and Messaging Systems and Methods
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	1		Communications Systems and Methods
N/A	US	60/309212	Data Transport Acceleration and Management within a Network Communication
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N/A	US	60/283542	Data Transport Acceleration and Management within a Network Communication
	ļ. l.		System
N/A	US	60/309218	Service-Based Compression of Content within a Network Communication
			System
N/A	US	60/291918	Service-Based Compression of Content within a Network Communication
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N/A	US	60/309213	Systems and Methods for Providing Differentiated Services within a Network
N/A	us		Communication System
	02	60/290269	Transcoding Multimedia Information Within a Network Communication System
N/A	US	60/291825	Quality of Service Management for Multiple Connections Within a Network
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