

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
3311148 NOVA SCOTIA LIMITED	01/14/2019
RECEIVING PARTY DATA	
Name:	AT&T INTELLECTUAL PROPERTY I, L.P.
Street Address:	675 WEST PEACHTREE STREET
City:	ATLANTA
State/Country:	GEORGIA
Postal Code:	30308
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	11821553
Application Number:	13297459
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ATTORNEY DOCKET NUMBER:	MOR002 CURRENT ENTITY
NAME OF SUBMITTER:	JANET SHIBATA
SIGNATURE:	/Janet Shibata/
DATE SIGNED:	01/28/2019
Total Attachments: 6	
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ATTACHMENT A

Docket #	Country	Filing Type	Status	App. No.	App. Date	Grant Date	Patent No	Title
MOR001	United States	National	Granted	11/821557	6/22/2007	2/8/2011	7886318	Set Top Box With Digital Rights Management For Multiple Devices And Methods For Use Therewith
MOR001	United States	National	Inactive	12/963758	12/9/2010			Set Top Box With Digital Rights Management For Multiple Devices And Methods For Use Therewith
MOR002	United States	National	Granted	13/297459	11/16/2011	2/18/2014	8656425	Method For Creating A Subscriber Cable Channel And Set-Top Box For Use Therewith
MOR002	United States	National	Granted	11/821553	6/22/2007	12/20/2011	8082564	Method For Creating A Subscriber Cable Channel And Set-Top Box For Use Therewith
MOR003	United States	National	Granted	12/264218	11/3/2008	9/13/2011	8019687	Distributed Digital Rights Management Node Module And Methods For Use Therewith
MOR003	United States	National	Inactive	11/821544	6/22/2007			Distributed Digital Rights Management Node Module And Methods For Use Therewith
MOR003	United States	National	Inactive	13/198278	8/4/2011			Module And Methods For Use Therewith
MOR004	United States	National	Inactive	11/960076	12/19/2007			Handheld Video Player And Optical Storage Disc For Use Therewith
MOR005	United States	National	Inactive	11/960164	12/19/2007			Handheld Video Player And Optical Storage Disc With Advertising Data For Use Therewith
MOR006	United States	National	Inactive	12/880550	9/13/2010			Handheld Device With Gesture-Based Video Interaction And Methods For Use Therewith
MOR007	United States	National	Granted	13/027032	2/14/2011	6/4/2013	8458459	Client Device And Local Station With Digital Rights Management And Methods For Use Therewith
MOR007	European Patent Convention	PCT/EPC Application	Inactive	11858497.8	12/8/2011	10/21/2015	2676453	Client Device And Local Station With Digital Rights Management And Methods For Use Therewith
MOR007	Patent Cooperation Treaty	Patent Cooperation Treaty	Inactive	PCT/IB2011/63967	12/8/2011	6/4/2013		Client Device And Local Station With Digital Rights Management And Methods For Use Therewith

Docket #	Country	Filing Type	Status	App. No.	App. Date	Grant Date	Patent No	Title
	Treaty							
MOR007	China P.R.	Patent Cooperation Treaty	Granted	201180067 488.4f	12/8/2011	10/28/2014	ZL201180 067488.4	Client Device And Local Station With Digital Rights Management And Methods For Use Therewith
MOR007	United States	National	Granted	13875694	5/2/2013	3/31/2015	8996862	Client Device And Local Station With Digital Rights Management And Methods For Use Therewith
MOR007	France	PCT/EPC Application	Granted	11858497. 8	12/8/2011	10/21/2015	2676453	Client Device And Local Station With Digital Rights Management And Methods For Use Therewith
MOR007	Great Britain	PCT/EPC Application	Granted	11858497. 8	12/8/2011	10/21/2015	2676453	Client Device And Local Station With Digital Rights Management And Methods For Use Therewith
MOR008	France	PCT/EPC Application	Granted	11850703. 7	12/8/2011	8/22/2018	2656537	Cryptography Module For Use With Fragmented Key And Methods For Use Therewith
MOR008	Germany	PCT/EPC Application	Granted	11850703. 7	12/8/2011	8/22/2018	2656537	Cryptography Module For Use With Fragmented Key And Methods For Use Therewith
MOR008	Great Britain	PCT/EPC Application	Granted	11850703. 7	12/8/2011	8/22/2018	2656537	Cryptography Module For Use With Fragmented Key And Methods For Use Therewith
MOR008	China P.R.	Patent Cooperation Treaty	Granted	201180061 685.5	12/8/2011	3/16/2016	ZL201180 061685.5	Cryptography Module For Use With Fragmented Key And Methods For Use Therewith
MOR008	Patent Cooperation Treaty	Patent Cooperation Treaty	Inactive	PCT/US20 11/63974	12/8/2011			Cryptography Module For Use With Fragmented Key And Methods For Use Therewith
MOR008	United States	National	Granted	12/979484	12/24/2010	11/18/2014	8892908	Cryptography Module For Use With Fragmented Key And Methods For Use Therewith
MOR008	European Patent Convention	PCT/EPC Application	Inactive	11850703. 7	12/8/2011	8/22/2018	2656537	Cryptography Module For Use With Fragmented Key And Methods For Use Therewith
MOR008	United	National	Inactive	61/426794	12/23/2010			Cryptography Module For Use With

Docket #	Country	Filing Type	Status	App. No.	App. Date	Grant Date	Patent No	Title
	States							Fragmented Key And Methods For Use Therewith
MOR008A	Patent Cooperation Treaty	Patent Cooperation Treaty	Inactive	PCT/US2011/063978	12/8/2011			Elliptic Curve Cryptography With Fragmented Key Processing And Methods For Use Therewith
MOR008A	United States	National	Granted	14/138583	12/23/2013	12/23/2014	8917867	Elliptic Curve Cryptography With Fragmented Key Processing And Methods For Use Therewith
MOR008A	European Patent Convention	PCT/EPC Application	Filed	11857710.5	12/8/2011			Elliptic Curve Cryptography With Fragmented Key Processing And Methods For Use Therewith
MOR008A	United States	National	Granted	12/978488	12/24/2010	4/22/2014	8705730	Elliptic Curve Cryptography With Fragmented Key Processing And Methods For Use Therewith
MOR008A	China P.R.	Patent Cooperation Treaty	Granted	201180061880.2	12/8/2011	12/4/2015	ZL201180061880.2	Elliptic Curve Cryptography With Fragmented Key Processing And Methods For Use Therewith
MOR009	France	PCT/EPC Application	Granted	12777463.6	4/23/2012	3/30/2016	2702770	Streaming Video Server With Virtual File System And Methods For Use Therewith
MOR009	Great Britain	PCT/EPC Application	Granted	12777463.6	4/23/2012	3/30/2016	2702770	Streaming Video Server With Virtual File System And Methods For Use Therewith
MOR009	European Patent Convention	PCT/EPC Application	Filed	12776412.4	4/23/2012			Adaptive Video Server With Virtual File System And Methods For Use Therewith
MOR009	United States	National	Granted	13/095060	4/27/2011	8/13/2013	8510555	Streaming Video Server With Virtual File System And Methods For Use Therewith
MOR009	United States	National	Granted	13/933372	7/2/2013	8/19/2014	8812846	Streaming Video Server With Virtual File System And Methods For Use Therewith
MOR009	United States	National	Granted	14/320857	7/1/2014	10/20/2015	9167285	Streaming Video Server With Virtual File System And Methods For Use Therewith
MOR009	United States	National	Granted	13/197400	8/3/2011	8/19/2014	8813116	Adaptive Video Server With Virtual File System And Methods For Use Therewith
MOR009	European Patent Convention	PCT/EPC Application	Inactive	12777463.6	4/23/2012	3/30/2016	2702770	Streaming Video Server With Virtual File System And Methods For Use Therewith

Docket #	Country	Filing Type	Status	App. No.	App. Date	Grant Date	Patent No	Title
	on							
MOR009	Patent Cooperation Treaty	Patent Cooperation Treaty	Inactive	PCT/CA20 12/00398	4/23/2012			Streaming Video Server With Virtual File System And Methods For Use Therewith
MOR009	Patent Cooperation Treaty	Patent Cooperation Treaty	Inactive	PCT/CA20 12/00399	4/23/2012			Adaptive Video Server With Virtual File System And Methods For Use Therewith
MOR009	China P.R.	Patent Cooperation Treaty	Inactive	201280020 201.7	4/23/2012			Streaming Video Server With Virtual File System And Methods For Use Therewith
MOR009	China P.R.	Patent Cooperation Treaty	Inactive	201280020 197.4	4/23/2012			Adaptive Video Server With Virtual File System And Methods For Use Therewith
MOR009	United States	National	Inactive	14/284195	5/21/2014			Streaming Video Server With Virtual File System And Methods For Use Therewith
MOR010	Patent Cooperation Treaty	Patent Cooperation Treaty	Inactive	PCT/CA20 13/000933	1/14/2013			Adaptive Video Server With Data Rate Control
MOR010	United States	National	Inactive	61/724110	11/8/2012			Adaptive Video Server With Data Rate Control
MOR010	United States	National	Granted	13/732473	1/2/2013	9/1/2015	9124672	Adaptive Video Server With Data Rate Control
MOR010 A	United States	National	Granted	13/732479	1/2/2013	4/21/2015	9015470	Adaptive Video Server With Data Rate Control
MOR011	United States	National	Inactive	61/735796	12/11/2012			Video Server Client Device And Methods For Use Therewith
MOR011	United States	National	Inactive	13/741668	1/15/2013			Video Server Client Device And Methods For Use Therewith
MOR011 A	United States	National	Granted	13/741715	1/15/2013	2/24/2015	8965960	Client Device With Video Player And Client-Side Proxy And Methods For Use Therewith
MOR011 B	United States	National	Granted	13/741740	1/15/2013	12/23/2014	8918821	Client Device With Video Playlist Translation Via Client-Side Proxy And Methods For Use Therewith
MOR013	United States	National	Granted	13/732527	1/2/2013	1/17/2017	9549216	Client Device With Secure Clock And Methods

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	States							For Use Therewith
MOR0013	United States	National	Inactive	61/732527	12/3/2012			Client Device With Secure Clock And Methods For Use Therewith
MOR0013 A	United States	National	Granted	13/732550	1/2/2013	7/21/2015	9088825	Client Device With Secure Clock And Methods For Use Therewith
MOR0014	United States	National	Granted	13/682934	11/21/2012	4/26/2016	9325945	Video Server And Client With Customer Key Exchange And Methods For Use Therewith
MOR0016	United States	National	Granted	13/751356	1/28/2013	3/22/2016	9294821	Scrubbing Noise Remover And Methods For Use Therewith
MOR0017	United States	National	Granted	13/893960	5/14/2013	2/28/2017	9584556	Client Proxy For Adaptive Bitrate Selection In HTTP Live Streaming
MOR0018	United States	National	Granted	13/893968	5/14/2013	8/25/2015	9118630	Client Proxy For Key Exchange In HTTP Live Streaming
MOR0019	United States	National	Inactive	13/893981	5/14/2013			Fixed-Length Segmentation For Segmented Video Streaming To Improve Playback Responsiveness
MOR0020	United States	National	Granted	13/754124	1/30/2013	4/21/2015	9015779	Streaming Video Server With Segment Length Control And Methods For Use Therewith
MOR0021	United States	National	Granted	14/750707	6/25/2015	8/22/2017	9740384	Media Device With Radial Gesture Control And Methods For Use Therewith
MOR0022	United States	National	Granted	14/848621	9/9/2015	8/22/2017	9743148	Video Device With Electronic Program Guide Application And Methods For Use Therewith
MOR0023	United States	National	Filed	15/674004	8/10/2017			System And Method For Peer-To-Peer Connectivity

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