

<b>PATENT ASSIGNMENT COVER SHEET</b>
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<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
INTELLECTUAL VENTURES ASSETS 168 LLC	08/25/2021
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	DISTRIBUTED MEDIA SOLUTIONS, LLC
<b>Street Address:</b>	4725 PEACHTREE COMERS CIRCLE
<b>Internal Address:</b>	SUITE 230
<b>City:</b>	PEACHTREE CORNERS
<b>State/Country:</b>	GEORGIA
<b>Postal Code:</b>	30092
<b>PROPERTY NUMBERS Total: 17</b>	
<b>Property Type</b>	<b>Number</b>
Patent Number:	5862346
Patent Number:	6161146
Patent Number:	6430625
Patent Number:	6920507
PCT Number:	US2006022984
Patent Number:	8805927
Application Number:	12109458
Application Number:	12116610
PCT Number:	US2009036171
Application Number:	15965541
Application Number:	60230530
Application Number:	11598436
Application Number:	11598367
Application Number:	11598366
Application Number:	12240757
Patent Number:	7133922
Application Number:	12240885
<b>CORRESPONDENCE DATA</b>	

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<b>ATTORNEY DOCKET NUMBER:</b>	11441-001GEN
<b>NAME OF SUBMITTER:</b>	LAWRENCE AARONSON
<b>SIGNATURE:</b>	/Lawrence A. Aaronson/
<b>DATE SIGNED:</b>	01/04/2022

**Total Attachments: 5**

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### ASSIGNMENT OF RIGHTS IN CERTAIN ASSETS

For good and valuable consideration, the receipt of which is hereby acknowledged, Intellectual Ventures Assets 168 LLC, a Delaware limited liability company, with an address at 251 Little Falls Drive, Wilmington, DE 19808 (“*Assignor*”), does hereby sell, assign, transfer, and convey unto Distributed Media Solutions, LLC, a Georgia limited liability company with an address at Day Building, Suite 230, 4725 Peachtree Corners Circle, Peachtree Corners, GA 30092 (“*Assignee*”), its right, title, and interest in and to any and all of the following provisional patent applications, patent applications, patents, and other governmental grants or issuances of any kind (the “*Certain Assets*”):

Patent or application no.	Country	Filing Date	Title of Patent and Inventor
5662346 (08/672793)	US	1999-01-19 (1996-06-28)	Distributed group activity data network system and corresponding method Ian Lovejoy
6151146 (09/185231)	US	2000-12-12 (1998-11-03)	Distributed group activity data network system and corresponding method Ian Lovejoy
6430625 (09/545888)	US	2002-08-06 (2000-04-10)	SYSTEM AND CORRESPONDING METHOD FOR PROVIDING REDUNDANT STORAGE OF A DATA FILE OVER A COMPUTER NETWORK Ian Lovejoy
6920507 (10/165757)	US	2005-07-19 (2002-06-07)	System and corresponding method for providing redundant storage of a data file over a computer network Ian Lovejoy
(PCT/US2006/022984)	WO	(2006-06-13)	SYSTEM AND CORRESPONDING METHOD FOR PROVIDING REDUNDANT STORAGE OF A DATA FILE OVER A COMPUTER NETWORK Victor B. Kley
8805927 (13/363598)	US	2014-06-12 (2012-02-01)	System and corresponding method for providing redundant storage of a data file over a computer network Victor B. Kley
(12/109458)	US	(2008-04-25)	Real-time communications over data forwarding framework Gene Fein
(12/116610)	US	(2008-05-07)	Deletion in data file forwarding framework Gene Fein
(PCT/US2009/036171)	WO	(2009-03-05)	Redundant Data Forwarding Storage Gene Fein
(CN200880109783.4)	CN	(2009-03-05)	Redundant Data Forwarding Storage Gene Fein
EP2255519 (EP09723251.6)	EP	2014-07-16 (2009-03-05)	Redundant Data Forwarding Storage Gene Fein

(PCT/US2009/041817)	WO	(2009-04-27)	Real-time communications over data forwarding framework Gene Fein
EP2271995 (EP09734559.9)	EP	2019-08-07 (2009-04-27)	Real-time communications over data forwarding framework Gene Fein
(PCT/US2009/042871)	WO	(2009-05-06)	Deletion in data file forwarding framework Gene Fein
EP2274886 (EP09743557.2)	EP	2016-08-24 (2009-05-06)	Deletion in data file forwarding framework Gene Fein
(PCT/US2009/049755)	WO	(2009-07-07)	Media delivery in data forwarding storage network Gene Fein
(CN200980126872.2)	CN	(2009-07-07)	Media delivery in data forwarding storage network Gene Fein
EP2300931 (EP09795034.9)	EP	2018-09-12 (2009-07-07)	Media delivery in data forwarding storage network Gene Fein
(PCT/US2009/049763)	WO	(2009-07-07)	Advertisement forwarding storage and retrieval network Gene Fein
(CA2736310)	CA	(2009-07-07)	Advertisement forwarding storage and retrieval network Gene Fein
(CA3051983)	CA	(2019-08-14)	Advertisement forwarding storage and retrieval network Gene Fein
EP2313834 (EP09795041.4)	EP	2015-09-30 (2009-07-07)	Advertisement forwarding storage and retrieval network Gene Fein
(PCT/US2009/050008)	WO	(2009-07-09)	Multi-homed data forwarding storage Gene Fein
EP2321735 (EP09803346.7)	EP	2019-10-02 (2009-07-09)	Multi-homed data forwarding storage Gene Fein
(KR10-2011-7003298)	KR	(2009-07-09)	Multi-homed data forwarding storage Gene Fein
(PCT/US2009/058052)	WO	(2009-09-23)	Selective data forwarding storage Gene Fein
EP2332060 (EP09816798.4)	EP	2020-07-15 (2009-09-23)	Selective data forwarding storage Gene Fein
(PCT/US2009/058362)	WO	(2009-09-25)	Rotating encryption in data forwarding storage Gene Fein

EP2332283 (EP09816909.0)	EP	2020-07-15 (2009-09-25)	Rotating encryption in data forwarding storage Gene Fein
(PCT/US2009/058368)	WO	(2009-09-25)	Geolocation assisted data forwarding storage Gene Fein
EP2332066 (EP09816904.8)	EP	2013-03-27 (2009-09-25)	Geolocation assisted data forwarding storage Gene Fein
(PCT/US2009/058376)	WO	(2009-09-25)	Measurement in data forwarding storage Gene Fein
EP2332059 (EP09816907.1)	EP	2015-10-28 (2009-09-25)	Measurement in data forwarding storage Gene Fein
(15/985541)	US	(2018-04-27)	DATA STORAGE AND RETRIEVAL Gene Fein
(PCT/US2009/058367)	WO	(2009-09-25)	Disassembly/reassembly in data forwarding storage Gene Fein
AU2009296495 (AU2009296495)	AU	2013-02-14 (2009-09-25)	Disassembly/reassembly in data forwarding storage Gene Fein
(CA2738642)	CA	(2009-09-25)	Disassembly/reassembly in data forwarding storage Gene Fein
CNZL200980138535.2 (CN200980138535.2)	CN	2014-05-14 (2009-09-25)	Disassembly/reassembly in data forwarding storage Gene Fein
(EP09816903.0)	EP	(2009-09-25)	Disassembly/reassembly in data forwarding storage Gene Fein
(60/230530)	US	(2000-09-01)	Home pc to stereo player system Craig M. Janik
(PCT/US2001/042020)	WO	(2001-09-04)	Audio converter device and method for using the same Craig M. Janik
(EP01966989.2)	EP	(2001-09-04)	Audio converter device and method for using the same Craig M. Janik
(JP2002-524143)	JP	(2001-09-04)	Audio converter device and method for using the same Craig M. Janik
(11/598436)	US	(2006-11-13)	Audio converter device and method for using the same Craig M. Janik
(11/598367)	US	(2006-11-13)	Audio converter device and method for using the same Craig M. Janik
(11/598386)	US	(2006-11-13)	Audio converter device and method for using the same Craig M. Janik

(PCT/US2003/006741)	WO	(2003-03-04)	Method and system for information management and distribution Michael T. Brodsky
(PCT/US2009/037579)	WO	(2009-03-18)	Data File Forwarding Storage and Search Gene Fein
(12/240757)	US	(2008-09-29)	Cloud resource usage in data forwarding storage Gene Fein
(PCT/US2009/058364)	WO	(2009-09-25)	Mixed network architecture in data forwarding storage Gene Fein
(PCT/US2002/012426)	WO	(2002-04-19)	Methods and apparatus for archiving, indexing and accessing audio and video data Jay Yogeshwar
EP2263177 (EP09730168.3)	EP	2018-06-13 (2009-03-18)	Data File Forwarding Storage and Search Gene Fein
7133922 (09/634947)	US	2006-11-07 (2000-08-07)	Method And Apparatus For Streaming Of Data Danny Hin-Kwok Tsang
CNZL01125507.2 (CN01125507.2)	CN	2008-08-27 (2001-08-07)	Flow-type data method XIAOGUO ZENG
(12/240885)	US	(2008-09-29)	User interface in data forwarding network Gene Fein

Assignor assigns to Assignee all of its rights to the inventions, invention disclosures, and discoveries in the assets listed above, together, with its rights, if any, to revive prosecution of claims under such assets and to sue or otherwise enforce any claims under such assets for past, present or future infringement.

Assignor hereby authorizes the respective patent office or governmental agency in each jurisdiction to make available to Assignee all records regarding the Certain Assets.

The terms and conditions of this Assignment of Rights in Certain Assets will inure to the benefit of Assignee, its successors, assigns, and other legal representatives and will be binding upon Assignor, its successors, assigns, and other legal representatives.

IN WITNESS WHEREOF this Assignment of Rights in Certain Assets is executed on August 25, 2021, to be effective as of August 25, 2021.

**ASSIGNOR:**

**INTELLECTUAL VENTURES ASSETS 168 LLC**

By: Lawrence Froeber  
Lawrence Froeber (Aug 25, 2021 15:03 PDT)  
Name: Lawrence Froeber

Title: CFO