

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT8036143

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	IPASS IP LLC	07/11/2022
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	CHANNEL VENTURES GROUP, LLC	
<b>Street Address:</b>	PO BOX 1746	
<b>City:</b>	KINGSTON	
<b>State/Country:</b>	WASHINGTON	
<b>Postal Code:</b>	98346	
<b>PROPERTY NUMBERS Total: 1</b>		
<b>Property Type</b>	<b>Number</b>	
<b>Application Number:</b>	10318968	
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(206)217-2201	
<i>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.</i>		
<b>Phone:</b>	2062172200	
<b>Email:</b>	patents@aeonlaw.com	
<b>Correspondent Name:</b>	ADAM L.K. PHILIPP	
<b>Address Line 1:</b>	1718 E. OLIVE WAY	
<b>Address Line 4:</b>	SEATTLE, WASHINGTON 98102	
<b>ATTORNEY DOCKET NUMBER:</b>	G1931NL00	
<b>NAME OF SUBMITTER:</b>	DAVID COHEN	
<b>SIGNATURE:</b>	/David V.H. Cohen/	
<b>DATE SIGNED:</b>	06/30/2023	
<b>Total Attachments: 16</b>		
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## INTELLECTUAL PROPERTY ASSIGNMENT AGREEMENT

This INTELLECTUAL PROPERTY ASSIGNMENT AGREEMENT (the “Assignment”) is made as of July 11, 2022 (the “Effective Date”), between Pareteum Corporation, a Delaware corporation (“Parent”), Pareteum North America Corp., a Delaware corporation (“Pareteum NA”), Devicescape Holdings, Inc., a Delaware corporation (“Devicescape”), iPass, Inc., a Delaware corporation (“iPass”), iPass IP LLC, a Delaware corporation (“iPass IP”), Pareteum Europe B.V., a Netherlands private limited company (“Pareteum Europe” and, together with Parent, Pareteum NA, Devicescape, iPass, and iPass IP, collectively, the “Borrower Sellers”), Artilium Group Ltd., an England, UK, private limited company (“Artilium Group”), Pareteum N.V., a Belgian private limited company (“NV”), and Pareteum Asia Pte. Ltd., a Singapore private limited company (“Pareteum Asia” and, together with the Artilium Group, NV and the Borrower Sellers, each an “Assignor” and, collectively, the “Assignors”), and Channel Ventures Group, LLC, a Delaware limited liability company (“Assignee”) (each a “Party” and, collectively, the “Parties”). Capitalized terms used herein but not defined herein shall have the meanings ascribed to such terms in the APA (as hereinafter defined).

**WHEREAS**, Assignee, Assignor, and the other parties signatory thereto, have entered into that certain Asset Purchase Agreement, dated as of the date hereof (the “Purchase Agreement”), pursuant to which, among other things, Assignors have agreed to sell to Assignee, and Assignee has agreed to purchase from Assignor, substantially all of the assets primarily used or held for use by Assignor in the conduct of the Non-MVNE Business, and Assignee proposes to assume certain of the liabilities and obligations of Assignor, in each case, on the terms and subject to the conditions set forth in the Purchase Agreement;

**WHEREAS**, it is a condition to the Closing of the Purchase Agreement that Assignor enters into this Assignment to transfer to Assignee certain Intellectual Property related solely to the Non-MVNE Business, including the Intellectual Property Assets as listed on the attached Schedule A (the “Assigned Intellectual Property”);

**WHEREAS**, pursuant to the Purchase Agreement, Assignee desires to purchase or acquire all Assignor’s right, title and interest in and to the Assigned Intellectual Property.

**NOW, THEREFORE**, in consideration of, among other things, the payment by Assignee of the Purchase Price and in further consideration of the mutual covenants and agreements contained in the Purchase Agreement, the receipt and sufficiency of which are hereby acknowledged, Assignors and Assignee agree as follows:

1. Assignment. Assignor hereby assigns to Assignee (a) all of Assignor’s right, title, and interest in and to the Assigned Intellectual Property, together with any and all goodwill associated therewith; (b) any and all rights to pursue and recover under legal actions and rights and remedies at law or in equity for past, current and future infringements, misappropriations, dilutions or other violations of the Assigned Intellectual Property, including the right to sue for, collect, and retain all damages, profits, proceeds, and all other remedies associated therewith; and (c) any and all income, royalties, damages, and payments hereafter due or payable with respect to the Assigned Intellectual Property, for Assignee’s own use and enjoyment and for the use and enjoyment of

Assignee's successors, assigns, or other legal representatives as fully and entirely as the same would have been enjoyed by Assignor if this Assignment has not been made.

2. Cooperation. Assignor and Assignee shall use their commercially reasonable efforts to (i) take all actions necessary or appropriate to consummate the transactions contemplated by this Assignment and (ii) from time to time, execute and deliver such other documents, certificates, agreements and other writings, and take such other actions as may be reasonably necessary in order to consummate or evidence or implement expeditiously the transactions contemplated by this Assignment; provided, that, as between the Parties, Assignee shall be responsible for the preparation of such documents and other instruments that may be necessary to record and/or perfect Assignee's right, title and interest in and to the Assigned Intellectual Property (including, without limitation, with any applicable governmental authorities or Internet domain name registrars), and for any and all costs, expenses and fees associated therewith.

3. Relationship with the Purchase Agreement. This Assignment is intended to evidence the consummation of the transactions contemplated by the Purchase Agreement. This Assignment is made without representation or warranty except as provided in and by the Purchase Agreement. This Assignment is in all respects subject to the provisions of the Purchase Agreement and is not intended in any way to supersede, limit or qualify any provision of the Purchase Agreement.

4. Section Headings. The section headings contained in this Assignment are solely for the purpose of reference, are not part of the agreement of the parties hereto and shall not in any way affect the meaning or interpretation of this Assignment.

5. Counterparts. This Assignment may be executed in two or more counterparts, each of which shall be deemed to be an original but all of which shall together constitute one and the same instrument. Facsimile and/or PDF signatures shall be deemed original signatures.

6. Entire Agreement. This Assignment, together with the Purchase Agreement, contains the entire agreement of the parties hereto, and no representations, inducements, promises or agreements, oral or otherwise, between the parties not in writing signed by the parties shall be of any force or effect.

7. Severability. If any term or provision of this Assignment or any application thereof shall be invalid or unenforceable, the remainder of this Assignment and any other application of such term shall not be affected thereby.

8. Governing Law, Forum. This Assignment shall be governed by and construed in accordance with the laws of the State of New York (without application of principles of conflict of laws). In connection with any controversy arising out of or related to this Assignment, each Assignor and Assignee hereby irrevocably consents to the exclusive jurisdiction of the Bankruptcy Court, or if, and only if, the Bankruptcy Court declines or may not accept jurisdiction over a particular matter, the United States District Court for the Southern District of New York, or if, and only if, the United States District Court for the Southern District of New York declines or may not accept jurisdiction over a particular matter, the courts of the State of New York. Each of the Assignors and Assignee irrevocably consents to service of process out of the aforementioned courts and waives any objection which it may now or hereafter have to the

laying of venue of any action or proceeding arising out of or in connection with this Assignment brought in the aforementioned courts. EACH OF THE PARTIES HERETO HEREBY IRREVOCABLY WAIVES, AND SHALL CAUSE ITS SUBSIDIARIES AND AFFILIATES TO WAIVE, ALL RIGHT TO A TRIAL BY JURY IN ANY ACTION, PROCEEDING OR COUNTERCLAIM ARISING OUT OF OR RELATING TO THIS ASSIGNMENT OR THE TRANSACTIONS CONTEMPLATED HEREBY.

9. Attorney's Fees. The prevailing Party in any action, claim or lawsuit brought pursuant to this Assignment is entitled to payment of all reasonable attorney's fees and costs expended by such prevailing Party in association with such action, claim or lawsuit.

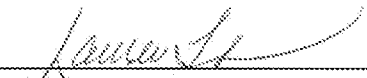
10. Authorization. Assignee and Assignor each represent and warrant to the other that they have the corporate power and authority to execute and perform this Assignment, that all necessary consents and approvals from the board of directors or others have been obtained, that the parties executing this Assignment on their behalf have been duly authorized to do so.

*[Signature Page Follows]*


IN WITNESS WHEREOF, Assignors and Assignee caused this Assignment to be duly executed as of the date first written above.

ASSIGNORS:

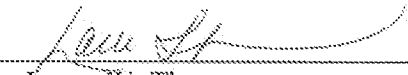
PARETEUM CORPORATION, a  
Delaware corporation

By:   
Name: Laura W. Thomas  
Title: Authorized Signatory

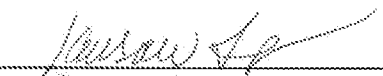
PARETEUM NORTH AMERICA CORP., a  
Delaware corporation

By:   
Name: Laura W. Thomas  
Title: Authorized Signatory

DEVICESCAPE HOLDINGS, INC., a  
Delaware corporation

By:   
Name: Laura W. Thomas  
Title: Authorized Signatory

IPASS, INC., a Delaware corporation


By:   
Name: Laura W. Thomas  
Title: Authorized Signatory

IPASS IP LLC, a Delaware corporation

By:   
Name: Laura W. Thomas  
Title: Authorized Signatory

*[Signature Page to Intellectual Property Assignment Agreement (CVG)]*

PARETEUM EUROPE B.V., a Netherlands  
private limited company

By: 

Name: Alexander Korff

Title: Authorized Signatory

ARTILIUM GROUP LTD., a United  
Kingdom private limited company

By: 

Name: Alexander Korff

Title: Authorized Signatory


PARETEUM N.V., a Belgian private limited  
company

By: 

Name: Alexander Korff

Title: Authorized Signatory

PARETEUM ASIA PTE. LTD., a Singapore  
private limited company

By: 

Name: Alexander Korff

Title: Authorized Signatory

*[Signature Page to Intellectual Property Assignment Agreement (CVG)]*

ASSIGNEE

CHANNEL VENTURES GROUP, LLC, a  
Delaware limited liability company

By: 

Markwin H. Maring,  
CEO

## **SCHEDULE A**

### **Assigned Trademarks:**

<b>Trademark</b>	<b>Applicant</b>	<b>Status</b>	<b>Country</b>	<b>App. No.</b>	<b>Reg. No.</b>
DEVICE SCAPE Logo	Devicescap e Holdings, Inc.	Registered	USA	4578755	4578755
DEVICESCAPE	Devicescap e Holdings, Inc.	Registered	USA	3252316	3252316
I-PASS ALLIANCE	iPass Inc.	Registered	Canada	810806	TMA510935
IPASS	iPass Inc.	Registered	Argentina	3299673	2669463
IPASS	iPass Inc.	Registered	Australia	822954	822954
IPASS	iPass Inc.	Registered	Belarus	20000653	15726
IPASS	iPass Inc.	Registered	Brazil	822462435	822462435
IPASS	iPass Inc.	Registered	Canada	1047115	TMA562173
IPASS	iPass Inc.	Registered	Canada	1322627	TMA744062
IPASS	iPass Inc.	Registered	Chile	1227004	1229925
IPASS	iPass Inc.	Registered and expired	China	2000018190	1607991
IPASS	iPass Inc.	Registered	Colombia	10206	233687
IPASS	iPass Inc.	Registered	Egypt	130701	130701
IPASS	iPass Inc.	Registered	European Union	001513514	001513514
IPASS	iPass Inc.	Registered	European Union	008882573	008882573
IPASS	iPass Inc.	Registered and expired	Finland	T200000398	219859
IPASS	iPass Inc.	Registered	France	3008419	3008419
IPASS	iPass Inc.	Registered	Hong Kong	200002494	2003B15530
IPASS	iPass Inc.	Registered	India	1357310	1357310
IPASS	iPass Inc.	Registered	Indonesia	V002010002603	IDM000291824
IPASS	iPass Inc.	Registered	Israel	134878	134878
IPASS	iPass Inc.	Registered and expired	Japan	2000-10920	4463210
IPASS	iPass Inc.	Registered and expired	Malaysia	00001352	00001352
IPASS	iPass Inc.	Registered and expired	Mexico	409630	655411
IPASS	iPass Inc.	Registered	New Zealand	608306	608306
IPASS	iPass Inc.	Registered and expired	Norway	2000 01649	205629
IPASS	iPass Inc.	Registered	Singapore	T00/01942C	T00/01942C
IPASS	iPass Inc.	Registered	South Africa	2000/03172	2000/03172
IPASS	iPass Inc.	Registered and expired	South Korea	4120000003115	4100690470000
IPASS	iPass Inc.	Registered	Sri Lanka	96502	96502
IPASS	iPass Inc.	Registered	Switzerland	14042000	474181
IPASS	iPass Inc.	Registered	Thailand	411695	SM12066
IPASS	iPass Inc.	Registered	Turkey	2000/02517	2000/02517

Trademark	Applicant	Status	Country	App. No.	Reg. No.
IPASS	iPass Inc.	Registered and expired	USA	75779544	2439510
IPASS	iPass Inc.	Registered	USA	76227527	2638632
IPASS	iPass Inc.	Registered	Venezuela	20222000	S017139
IPASS (New)	iPass Inc.	Registered	USA	77804405	3805934
IPASS (New)	iPass Inc.	Registered and expired	USA	77804410	3847187
IPASS and Design	iPass Inc.	Registered	USA	76129606	2555322
IPASS and Design	iPass Inc.	Registered	Australia	865998	865998
IPASS and Design	iPass Inc.	Registered and expired	Australia	887342	887342
IPASS and Design	iPass Inc.	Registered	Belarus	20011123	18029
IPASS and Design	iPass Inc.	Registered	Canada	1092960	TMA576903
IPASS and Design	iPass Inc.	Registered	China	2001021456	1764706
IPASS and Design	iPass Inc.	Registered	European Union	002106839	002106839
IPASS and Design	iPass Inc.	Registered	Hong Kong	200102553	2003B15165
IPASS and Design	iPass Inc.	Registered and expired	Japan	2001-020542	4591757
IPASS and Design	iPass Inc.	Registered	Russian Federation	2001716770	227924
IPASS and Design	iPass Inc.	Registered	Singapore	T01/02143Z	T01/02143Z
IPASS and Design	iPass Inc.	Registered	Taiwan	90004525	163896
IPASS and Design	iPass Inc.	Registered	USA	76129605	2783548
IPASS and Design (Black & White)	iPass Inc.	Registered	USA	86707432	5885591
IPASS and Design (Color)	iPass Inc.	Registered	USA	86707433	5885592
iPass Logo (Black & White)	iPass Inc.	Registered	USA	86707435	5885593
iPass Logo (Color)	iPass Inc.	Registered	USA	86707436	5885594
IPASS SMARTCONNECT	iPass Inc.	Registered	USA	87012747	5203122
POPWIFI	Devicescape Holdings, Inc.	Registered and expired	USA	4601418	4601418
POPWIFI Logo	Devicescape Holdings, Inc.	Registered and expired	USA	4648162	4648162
ISEEL	iPass, Inc.	Registered and expired	USA	78319488	3032882
IPASS	iPass, Inc.	Registered and expired	USA	7780441	3847187
IOQ	iPass, Inc.	Registered and expired	USA	76164594	2566179
IPASS	iPass, Inc.	Registered and expired	USA	75779544	2439510
I-PASS ALLIANCE	iPass, Inc.	Registered and expired	USA	75120811	2756420

**Assigned Patents:**

<b>Title</b>	<b>Applicant</b>	<b>Status</b>	<b>Country</b>	<b>Application No.</b>	<b>Grant Date</b>	<b>Grant No.</b>	<b>Expiry Date</b>
ADVANCED NETWORK CHARACTERIZATION	iPass IP LLC	Granted	USA	US 13/004,821	20-Oct-2015	US 9,167,053	29-Sep-2025
ADVANCED NETWORK CHARACTERIZATION	iPass IP LLC	Granted	USA	US 14/887,160	16-Aug-2016	US 9,420,045	11-Jan-2031
ADVANCED NETWORK CHARACTERIZATION AND MIGRATION	iPass IP LLC	Granted	USA	US 13/732,226	17-Nov-2015	US 9,191,874	31-Dec-2032
ADVANCED NETWORK CHARACTERIZATION AND MIGRATION	iPass IP LLC	Granted	USA	US 14/942,785	15-Aug-2017	US 9,736,748	31-Dec-2032
APPARATUS AND METHOD FOR IDENTIFYING A MOVING WIFI ACCESS POINT AND MANAGING CONNECTIONS THEREWITH	iPass IP LLC	Granted	USA	US 15/273,434	18-Sep-2018	US 10,080,209	22-Sep-2036
APPARATUS AND METHOD FOR SELECTIVE PROBING OF WIFI RESOURCES	iPass IP LLC	Granted	USA	US 15/885,589	21-Jan-2020	US 10,542,484	2-Apr-2038
APPARATUS AND METHOD FOR STEERING WIRELESS NETWORK CONNECTIONS BASED UPON QUALITY ASSESSMENTS	iPass IP LLC	Granted	USA	US 15/882,935	21-May-2019	US 10,299,139	29-Jan-2038
APPARATUS AND METHOD FOR TRACKING THE POSITION OF AN INTERMITTENTLY OPERABLE WI-FI TAG	iPass IP LLC	Granted	USA	15/333,104	24-Apr-2018	US 9,955,304	24-Oct-2036
AUTOMATED CONFIGURATION FOR NETWORK APPLIANCES	iPass IP LLC	Granted	USA	13/732,202	23-Feb-2016	US 9,270,654	31-Dec-2032
CONFIGURING CONNECTION AGENTS	iPass IP LLC	Granted	USA	US 10/547,484	16-Nov-2010	US 7,836,121	14-Apr-2025
ELECTRONIC SUPPLY CHAIN MANAGEMENT	iPass IP LLC	Granted	USA	US 12/174,371	17-Mar-2015	US 8,984,150	16-Jul-2028
MANAGING SOFTWARE PATCHES	iPass IP LLC	Granted	USA	US 11/076,813	3-Apr-2012	US 8,151,258	9-Mar-2025

Title	Applicant	Status	Country	Application No.	Grant Date	Grant No.	Expiry Date
METHOD AND SYSTEM FOR ASSOCIATING A PLURALITY OF TRANSACTION DATA RECORDS GENERATED IN A SERVICE ACCESS SYSTEM	iPass IP LLC	Granted	USA	US 10/118,380	23-Dec-2008	US 7,469,341	5-Apr-2022
METHOD AND SYSTEM FOR CHANGING SECURITY INFORMATION IN A COMPUTER NETWORK	iPass IP LLC	Granted	USA	US 10/218,961	14-Jun-2011	US 7,961,884	13-Aug-2022
METHOD AND SYSTEM FOR SECURELY AUTHENTICATING NETWORK ACCESS CREDENTIALS FOR USERS	iPass IP LLC	Granted	USA	US 10/117,868	5-Apr-2011	US 7,921,290	10-Oct-2024
METHOD AND SYSTEM FOR VERIFYING AND UPDATING THE CONFIGURATION OF AN ACCESS DEVICE DURING AUTHENTICATION	iPass IP LLC	Granted	France	04795668.5	21-Feb-2018	EP1743252	19-Oct-2024
METHOD AND SYSTEM FOR VERIFYING AND UPDATING THE CONFIGURATION OF AN ACCESS DEVICE DURING AUTHENTICATION	iPass IP LLC	Granted	Germany	04795668.5	21-Feb-2018	EP1743252	19-Oct-2024
METHOD AND SYSTEM FOR VERIFYING AND UPDATING THE CONFIGURATION OF AN ACCESS DEVICE DURING AUTHENTICATION	iPass IP LLC	Granted	United Kingdom	04795668.5	21-Feb-2018	EP1743252	19-Oct-2024
METHOD AND SYSTEM FOR VERIFYING AND UPDATING THE CONFIGURATION OF AN ACCESS DEVICE DURING AUTHENTICATION	iPass IP LLC	Granted	USA	US 10/821,313	26-May-2009	US 7,539,862	8-Apr-2024

Title	Applicant	Status	Country	Application No.	Grant Date	Grant No.	Expiry Date
METHOD AND SYSTEM FOR VERIFYING AND UPDATING THE CONFIGURATION OF AN ACCESS DEVICE DURING AUTHENTICATION	iPass IP LLC	Granted	USA	US 12/345,448	7-Jun-2011	US 7,958,352	8-Apr-2024
METHOD AND SYSTEM OF PROVIDING ACCESS POINT DATA ASSOCIATED WITH A NETWORK ACCESS POINT	iPass IP LLC	Granted	USA	US 10/456,736	10-Dec-2013	US 8,606,885	5-Jun-2023
METHOD AND SYSTEM TO CUSTOMIZE AND UPDATE A NETWORK CONNECTION APPLICATION FOR DISTRIBUTION TO MULTIPLE END-USERS	iPass IP LLC	Granted	USA	US 09/921,959	13-Mar-2007	US 7,191,239	2-Aug-2021
METHOD AND SYSTEM TO CUSTOMIZE AND UPDATE A NETWORK CONNECTION APPLICATION FOR DISTRIBUTION TO MULTIPLE END-USERS	iPass IP LLC	Granted	USA	US 10/365,856	20-Jul-2010	US 7,761,606	2-Aug-2021
METHOD AND SYSTEM TO FACILITATE FINANCIAL SETTLEMENT OF SERVICE ACCESS TRANSACTIONS BETWEEN MULTIPLE PARTIES	iPass IP LLC	Granted	USA	US 09/791,239	7-Sep-2010	US 7,792,745	21-Feb-2021
METHOD AND SYSTEM TO MANAGE A NETWORK CONNECTION APPLICATION	iPass IP LLC	Granted	France	03731585.0	4-Apr-2012	EP1636708	5-Jun-2023
METHOD AND SYSTEM TO MANAGE A NETWORK CONNECTION APPLICATION	iPass IP LLC	Granted	Germany	03731585.0	4-Apr-2012	EP1636708	5-Jun-2023

Title	Applicant	Status	Country	Application No.	Grant Date	Grant No.	Expiry Date
METHOD AND SYSTEM TO MANAGE A NETWORK CONNECTION APPLICATION	iPass IP LLC	Granted	United Kingdom	03731585.0	4-Apr-2012	EP1636708	5-Jun-2023
METHOD FOR SELECTING TERMINATING GATEWAYS FOR AN INTERNET TELEPHONE CALL USING A TREE SEARCH	iPass IP LLC	Granted	USA	US 09/799,471	14-Jun-2005	US 6,907,032	5-Mar-2021
MONITORING COMPUTER NETWORK SECURITY ENFORCEMENT	iPass IP LLC	Granted	USA	US 10/170,088	16-Aug-2011	US 8,001,594	10-Jun-2022
Network Monitoring Device	Devicescape Holdings, Inc.	Granted	USA	US 11/481,237	9-Feb-2010	US 7,660,883	3-Jul-2026
SERVICE QUALITY MONITORING PROCESS	iPass IP LLC	Granted	USA	US 09/732,800	21-Jan-2003	US 6,510,463	7-Dec-2020
SERVICE QUALITY MONITORING PROCESS	iPass IP LLC	Granted	USA	US 10/318,968	10-Jan-2006	US 6,985,945	7-Dec-2020
SERVICE QUALITY MONITORING PROCESS	iPass IP LLC	Granted	USA	US 11/126,008	3-Jul-2007	US 7,240,112	13-Dec-2022
SERVICE QUALITY MONITORING PROCESS	iPass IP LLC	Granted	USA	US 11/810,380	14-Apr-2009	US 7,519,695	9-May-2025
SYSTEM AND METHOD FOR ACTIVELY CHARACTERIZING A NETWORK	iPass IP LLC	Granted	France	06815855.9	4-Apr-2018	EP1934795	28-Sep-2026
SYSTEM AND METHOD FOR ACTIVELY CHARACTERIZING A NETWORK	iPass IP LLC	Granted	Germany	06815855.9	4-Apr-2018	EP1934795	28-Sep-2026
SYSTEM AND METHOD FOR ACTIVELY CHARACTERIZING A NETWORK	iPass IP LLC	Granted	United Kingdom	06815855.9	4-Apr-2018	EP1934795	28-Sep-2026
SYSTEM AND METHOD FOR ACTIVELY CHARACTERIZING A NETWORK	iPass IP LLC	Granted	USA	US 11/239,707	21-Jul-2015	US 9,088,627	29-Sep-2025

Title	Applicant	Status	Country	Application No.	Grant Date	Grant No.	Expiry Date
System And Method For Enabling Wireless Social Networking	Devicescape Holdings, Inc.	Granted	USA	US 11/823,698	27-Dec-2016	US 9,531,835	27-Jun-2027
SYSTEM AND METHOD FOR SECURE NETWORK PURCHASING	iPass Inc. & EGI INTERNET LTD.	Granted	France	00957282.7	10-Oct-2007	EP1200940	31-Jul-2020
SYSTEM AND METHOD FOR SECURE NETWORK PURCHASING	iPass IP LLC	Granted	United Kingdom	00957282.7	10-Oct-2007	EP1200940	31-Jul-2020
SYSTEM AND METHOD FOR SECURE NETWORK PURCHASING	iPass IP LLC	Granted	Australia	AU 68925/00	23-Dec-2004	AU 68925/00	31-Jul-2020
SYSTEM AND METHOD FOR SECURE NETWORK PURCHASING	iPass IP LLC	Granted	USA	US 09/875,795	29-Apr-2008	US 7,366,702	31-Jul-2020
Systems And Methods For Acquiring Network Credentials	Devicescape Holdings, Inc.	Granted	Japan	JP 2009-527412	24-May-2013	JP 5276593	6-Sep-2027
Systems And Methods For Acquiring Network Credentials	Devicescape Holdings, Inc.	Granted	USA	US 11/899,697	29-May-2012	US 8,191,124	6-Sep-2027
Systems And Methods For Determining Location Over A Network	Devicescape Holdings, Inc.	Granted	United Kingdom	10790227.2	6-May-2015	EP2443562	17-Jun-2030
Systems And Methods For Determining Location Over A Network	Devicescape Holdings, Inc.	Granted	USA	US 12/818,108	26-Apr-2016	US 9326138	17-Jun-2030
Systems And Methods For Enhanced Engagement	Devicescape Holdings, Inc.	Granted	USA	US 13/951,417	27-Oct-2015	US 9,170,718	25-Jul-2033
Systems And Methods For Enhanced Engagement	Devicescape Holdings, Inc.	Granted	USA	US 14/924,662	24-Oct-2017	US 9,801,071	25-Jul-2033
Systems And Methods For Identifying A Wireless Network	Devicescape Holdings, Inc.	Granted	United Kingdom	09821134.5	6-Aug-2014	EP2340477	13-Oct-2029
Systems And Methods For Identifying A Wireless Network	Devicescape Holdings, Inc.	Granted	Japan	JP 2011-532188	17-Oct-2014	JP 5632380	13-Oct-2029
Systems And Methods For Identifying A Wireless Network	Devicescape Holdings, Inc.	Granted	USA	US 12/578,532	8-Jan-2013	US 8,353,007	13-Oct-2029
Systems And Methods For Network Curation	Devicescape Holdings, Inc.	Granted	USA	US 13/396,552	4-Mar-2014	US 8,667,596	14-Feb-2032
Systems And Methods For Network Curation	Devicescape Holdings, Inc.	Granted	USA	US 14/666,223	30-Aug-2016	US 9,432,920	3-Mar-2034
Systems And Methods For Network Curation	Devicescape Holdings, Inc.	Granted	USA	US 15/252,003	6-Mar-2018	US 9,913,303	23-Mar-2035
Systems And Methods For Obtaining Network Access	Devicescape Holdings, Inc.	Granted	Japan	JP 2009-527411	24-May-2013	JP 5276592	6-Sep-2027

Title	Applicant	Status	Country	Application No.	Grant Date	Grant No.	Expiry Date
Systems And Methods For Obtaining Network Access	Devicescape Holdings, Inc.	Granted	USA	US 11/899,638	1-Oct-2013	US 8,549,588	6-Sep-2027
Systems And Methods For Obtaining Network Credentials	Devicescape Holdings, Inc.	Granted	USA	US 12/823,078	3-Jun-2014	US 8,743,778	24-Jun-2030
Systems And Methods For Providing Network Credentials	Devicescape Holdings, Inc.	Granted	Japan	JP 2009-527410	20-Sep-2013	JP 5368307	6-Sep-2027
Systems And Methods For Providing Network Credentials	Devicescape Holdings, Inc.	Granted	USA	US 11/899,739	5-Jun-2012	US 8,196,188	6-Sep-2027
Systems And Methods For Quality Of Experience Measurement And Wireless Network Recommendation	Devicescape Holdings, Inc.	Granted	USA	US 14/106,631	17-May-2016	US 9,344,908	13-Dec-2033
Systems And Methods For Quality Of Experience Measurement And Wireless Network Recommendation	Devicescape Holdings, Inc.	Granted	USA	US 14/841,696	26-Mar-2019	US 10,244,418	13-Dec-2033
Systems And Methods For Wireless Network Selection	Devicescape Holdings, Inc.	Granted	France	08834360.3	20-Aug-2014	EP2206400	29-Sep-2028
Systems And Methods For Wireless Network Selection	Devicescape Holdings, Inc.	Granted	Germany	08834360.3	20-Aug-2014	EP2206400	29-Sep-2028
Systems And Methods For Wireless Network Selection	Devicescape Holdings, Inc.	Granted	United Kingdom	08834360.3	20-Aug-2014	EP2206400	29-Sep-2028
Systems And Methods For Wireless Network Selection	Devicescape Holdings, Inc.	Granted	Japan	JP 2010-527245	14-Mar-2014	JP 5497646	29-Sep-2028
Systems And Methods For Wireless Network Selection	Devicescape Holdings, Inc.	Granted	USA	US 12/240,920	8-Oct-2013	US 8,554,830	29-Sep-2028
Systems And Methods For Wireless Network Selection Based On Attributes Stored In A Network Database	Devicescape Holdings, Inc.	Granted	France	08833721.7	12-Nov-2014	EP2206278	29-Sep-2028
Systems And Methods For Wireless Network Selection Based On Attributes Stored In A Network Database	Devicescape Holdings, Inc.	Granted	Germany	08833721.7	12-Nov-2014	EP2206278	29-Sep-2028
Systems And Methods For Wireless Network Selection Based On Attributes Stored In A Network Database	Devicescape Holdings, Inc.	Granted	United Kingdom	08833721.7	12-Nov-2014	EP2206278	29-Sep-2028

<b>Title</b>	<b>Applicant</b>	<b>Status</b>	<b>Country</b>	<b>Application No.</b>	<b>Grant Date</b>	<b>Grant No.</b>	<b>Expiry Date</b>
Systems And Methods For Wireless Network Selection Based On Attributes Stored In A Network Database	Devicescape Holdings, Inc.	Granted	USA	US 12/240,969	5-Jun-2012	US 8,194,589	29-Sep-2028
Method and apparatus for authorizing remote internet access	iPass Inc.	Granted	USA	US 08/727,996	27-Apr-1999	US 5,898,780	09-Oct-2016
Method for distributing software over network links via electronic mail	iPass Inc.	Granted	USA	US 09/010,605	20-Feb-2001	US 6,192,518	22-Jan-2018
Internet settlement system	iPass Inc.	Granted	USA	US 08/727,996	14-Sep-2010	US 7,797,236	09-Oct-2016
Internet settlement system	iPass Inc.	Granted	USA	US 09/467,551	23-Nov-2010	US 7,840,458	08-Oct-2017
System and method for secure network purchasing	iPass Inc.	Granted	USA	US 09/500,601	08-Feb-2011	US 7,885,899	08-Feb-2020
Digitally certifying a user identity and a computer system in combination	iPass Inc.	Granted	USA	US 08/954,245	15-Feb-2000	US 6,026,166	20-Oct-2017
Digitally certifying a user identity and a computer system in combination	SAFE3W Inc	Granted	Canada	CA 2306865	30-Jun-2009	CA 2306865	20-Oct-2018
Digitally certifying a user identity and a computer system in combination	SAFE3W Inc	Granted	Israel	IL 135675	15-Dec-04	IL 135675	20-Oct-2018

## Assigned Domain Names:

Domain	Registrant	Registrar	Expiration Date
comsys.net	Artidium NV	Hosting Concepts B.V. d/b/a Registrar.eu	12/20/2022
ello-mobile.be	United Telecom	Internet Service Europe BV	N/A
livecom.com	Artidium NV	Hosting Concepts B.V. d/b/a Registrar.eu	05/07/2023
simregistration.be	Artidium NV	AXC	N/A
comunified.com	IDM	Ascio Technologies, Inc.	10/12/2022
i-digital-m.com	IDM	Ascio Technologies, Inc.	02/18/2023
ipass.com	iPass Inc.	Network Solutions, LLC	04/25/2023
i-pass.net	iPass Inc.	Network Solutions, LLC	09/19/2022
i-pass.com	iPass Inc.	Network Solutions, LLC	05/16/2023
gric.com	iPass Inc.	Network Solutions, LLC	06/10/2023
gric.online	iPass Inc.	Network Solutions, LLC	12/06/2022
devicescape.com	Devicescape	Amazon Registrar, Inc.	07/02/2022

Customer	Login DNS	Curation DNS	Web API
ACN	<a href="#">dsacn.net</a>	<a href="#">dsacn.net</a>	<a href="#">dsacw.net</a>
Bouygues	<a href="#">dsbgn.net</a>	<a href="#">dsbgn.net</a>	<a href="#">dsbgn.net</a>
Cincinnati Bell	<a href="#">dsbnl.net</a>	<a href="#">dsbnl.net</a>	<a href="#">dsbnw.net</a>
CSpire Wireless	<a href="#">dsosl.net</a>	<a href="#">dsosl.net</a>	<a href="#">dsosl.net</a>
Cricket Wireless	<a href="#">dscwl.net</a>	<a href="#">dscwl.net</a>	<a href="#">dscwl.net</a>
Devicescape Offloader	<a href="#">dsadns.net</a>	<a href="#">dsnu.net</a>	<a href="#">devicescape.net/</a> com
Intel	<a href="#">dsintl.net</a>	<a href="#">dsintl.net</a>	<a href="#">ds-intel.net</a>
MetroPCS	<a href="#">dsmpd.net</a>	<a href="#">dsmpc.net</a>	<a href="#">dsmpw.net</a>
Public Mobile	<a href="#">dsprnd.net</a>	<a href="#">dsprnc.net</a>	<a href="#">dsprnw.net</a>
Republic Wireless	<a href="#">dsrwl.net</a>	<a href="#">dsrwl.net</a>	<a href="#">dsrwl.net</a>
T-Mobile	<a href="#">dstml.net</a>	<a href="#">dstml.net</a>	<a href="#">dstml.net</a>
Trial	<a href="#">dsadns.net</a>	<a href="#">dsadns.net</a>	<a href="#">devicescape.net</a>
US Cellular	<a href="#">dsusi.net</a>	<a href="#">dsusi.net</a>	<a href="#">dsusi.net</a>
Virgin Mobile	<a href="#">dsvml.net</a>	<a href="#">dsvml.net</a>	<a href="#">dsvml.net</a>
Freemove/Beast Mobile	<a href="#">dsoml.net</a>	<a href="#">dsomc.net</a>	<a href="#">dsomnw.net</a>
iPass	<a href="#">dsipsi.net</a>	<a href="#">dsipsi.net</a>	<a href="#">dsipsw.net</a>
giffgaff	<a href="#">dsggl.net</a>	<a href="#">dsggc.net</a>	<a href="#">dsggw.net</a>
Rok Mobile	<a href="#">dsrml.net</a>	<a href="#">dsrml.net</a>	<a href="#">dsrml.net</a>
Liberty Global	<a href="#">dslygl.net</a>	<a href="#">dslygc.net</a>	<a href="#">dslygw.net</a>
Virgin LATAM	<a href="#">dsvll.net</a>	<a href="#">dsvll.net</a>	<a href="#">dsvll.net</a>
PVG	<a href="#">dsnwdl.net</a>	<a href="#">dsnwdc.net</a>	<a href="#">dsnwdw.net</a>
Ad Curator	<a href="#">dsadl.net</a>	<a href="#">dsadc.net</a>	<a href="#">dsadw.net</a>
SDK customers	<a href="#">dsdskl.net</a>	<a href="#">dsdskc.net</a>	<a href="#">dsdskw.net</a>

PATENT

RECORDED: 06/30/2023

REEL: 064127 FRAME: 0924