

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM481110

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	Grant of Security Interest in Trademark Rights		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>	<b>Formerly</b>	<b>Execution Date</b>	<b>Entity Type</b>
iovation Inc.		06/29/2018	Corporation: DELAWARE
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	Deutsche Bank AG New York Branch, as Collateral Agent		
<b>Street Address:</b>	60 Wall Street		
<b>City:</b>	New York		
<b>State/Country:</b>	NEW YORK		
<b>Postal Code:</b>	10005		
<b>Entity Type:</b>	Banking Corporation: GERMANY		
<b>PROPERTY NUMBERS Total: 12</b>			
<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>	
<b>Serial Number:</b>	77358419	DEVICE REPUTATION AUTHORITY	
<b>Serial Number:</b>	85088888	DEVICEPRINT	
<b>Serial Number:</b>	78767063	FRAUDFACTOR	
<b>Serial Number:</b>	78767056	FRAUDFORCE	
<b>Serial Number:</b>	86846589	GLOBAL DEVICE INTELLIGENCE PLATFORM	
<b>Serial Number:</b>	78449912	IOVATION	
<b>Serial Number:</b>	86853050	IOVATION	
<b>Serial Number:</b>	77352837		
<b>Serial Number:</b>	85799825	LAUNCHKEY	
<b>Serial Number:</b>	77358363	REPUTATION IS EVERYTHING	
<b>Serial Number:</b>	77358374	REPUTATIONMANAGER	
<b>Serial Number:</b>	85810864		
<b>CORRESPONDENCE DATA</b>			
<b>Fax Number:</b>	2134522329		
<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>	2136207848		
<b>Email:</b>	iprecordations@whitecase.com		
<b>Correspondent Name:</b>	Justine Lu/White & Case LLP		
<b>Address Line 1:</b>	555 South Flower Street, 2700		
<b>TRADEMARK</b>			

CH \$315.00 77358419

**Address Line 4:** Los Angeles, CALIFORNIA 90071

**ATTORNEY DOCKET NUMBER:** 1111779-2669-S216

**NAME OF SUBMITTER:** Justine Lu

**SIGNATURE:** /Justine Lu/

**DATE SIGNED:** 07/09/2018

**Total Attachments: 12**

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source=lovation 2018 Grant of Security Interest in Trademark Rights#page2.tif  
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GRANT OF SECURITY INTEREST  
IN TRADEMARK RIGHTS

This GRANT OF SECURITY INTEREST IN TRADEMARK RIGHTS (“Agreement”), effective as of June 29, 2018 is made by iovation Inc., a Delaware corporation with principal offices at 555 SW Oak Street, Floor 3, Portland, OR 97204, (the “Grantor”) in favor of Deutsche Bank AG New York Branch, as Collateral Agent, with principal offices at 60 Wall Street, New York, New York 10005-2858 (the “Grantee”), parties to the Security Agreement, dated as of June 15, 2010 (as amended, restated, supplemented or otherwise modified from time to time, the “Security Agreement”).

W I T N E S S E T H:

WHEREAS, pursuant to the Security Agreement, the Grantee has agreed to make extensions of credit to the Grantor upon the terms and subject to the conditions set forth therein;

WHEREAS, pursuant to the Security Agreement, the Grantor pledged and granted to the Grantee a continuing security interest in all Intellectual Property, including the Marks; and

WHEREAS, the Grantor has duly authorized the execution, delivery and performance of this Agreement.

NOW THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the Grantor agrees, for the benefit of the Grantee, as follows:

Definitions. Unless otherwise defined herein or the context otherwise requires, terms used in this Agreement, including its preamble and recitals, have the meanings provided or provided by reference in the Security Agreement.

Grant of Security Interest. The Grantor hereby pledges and grants a continuing security interest in, and a right of offset against all of Grantor’s right, title and interest in, to and under the Marks (including, without limitation, those items listed on Schedule A hereto) (collectively, the “Collateral”), to the Agent, together with (i) all Proceeds and products of the Marks, (ii) the goodwill of the businesses with which the Marks are associated and (iii) all causes of action arising prior to or after the date hereof for infringement of any of the Marks or unfair competition regarding the same.

Purpose. This Agreement has been executed and delivered by the Grantor for the purpose of recording the grant of security interest herein with the United States Patent and Trademark Office. The security interest granted hereby has been granted to the Grantee in connection with the Security Agreement and is expressly subject to the terms and conditions thereof. The Security Agreement (and all rights and remedies of the Lenders thereunder) shall remain in full force and effect in accordance with its terms.

Acknowledgment. The Grantor does hereby further acknowledge and affirm that the rights and remedies of the Grantee with respect to the security interest in the Collateral granted hereby are more fully set forth in the Security Agreement, the terms and provisions of

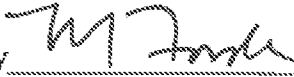
which (including the remedies provided for therein) are incorporated by reference herein as if fully set forth herein. In the event of any conflict between the terms of this Agreement and the terms of the Security Agreement, the terms of the Security Agreement shall govern.

Counterparts. This Agreement may be executed in counterparts, each of which will be deemed an original, but all of which together constitute one and the same original.

**[Remainder of this page intentionally left blank; signature page follows]**

IN WITNESS WHEREOF, the undersigned have executed this Grant as of the date first written above.

IOVATION INC., Grantor

By  \_\_\_\_\_

Name: Michael J. Forde

Title: Senior Vice President and Secretary

DEUTSCHE BANK AG NEW YORK BRANCH, as  
Collateral Agent and Grantee

By \_\_\_\_\_

Name:

Title:

By \_\_\_\_\_

Name:

Title

IN WITNESS WHEREOF, the undersigned have executed this Grant as of the date first written above.

IOVATION INC., Grantor

By \_\_\_\_\_  
Name: Michael J. Forde  
Title: Senior Vice President and Secretary

DEUTSCHE BANK AG NEW YORK BRANCH, as  
Collateral Agent and Grantee

By  \_\_\_\_\_  
Name: **FRANK FAZIO**  
Title: **Managing Director**

By  \_\_\_\_\_  
Name: **Marguerite Sutton**  
Title: **Vice President**

**SCHEDULE A**

<u>Title</u>	<u>Filing Date</u>	<u>Status</u>	<u>Application/ Registration No.</u>
DEVICE REPUTATION AUTHORITY	12/21/2007	Registered	77358419
DEVICEPRINT	07/20/2010	Registered	85088888
FRAUDFACTOR	12/05/2005	Registered	78767063
FRAUDFORCE	12/05/2005	Registered	78767056
GLOBAL DEVICE INTELLIGENCE PLATFORM	12/11/2015	Registered	86846589
IOVATION	07/13/2004	Registered	78449912
IOVATION	12/17/2015	Registered	86853050
Keyhole Design Logo	12/14/2007	Registered	77352837
LAUNCHKEY	12/11/2012	Registered	85799825
REPUTATION IS EVERYTHING	12/21/2007	Registered	77358363
REPUTATIONMANAGER	12/21/2007	Registered	77358374
Rocket Logo	12/27/2012	Registered	85810864

Domain Names

Domain Name	Registry
ACCESSMANAGER.ORG	GoDaddy
ACCOUNTLOCK.CO.UK	GoDaddy
ACCOUNTLOCK.COM	GoDaddy
ACCOUNTLOCK.INFO	GoDaddy
ACCOUNTLOCK.MOBI	GoDaddy
ACCOUNTLOCK.NET	GoDaddy
ACCOUNTLOCK.ORG	GoDaddy
BOXPREFS.COM	GoDaddy
CONFITEM.COM	GoDaddy
CONFPREFS.COM	GoDaddy
CONFSETTINGS.COM	GoDaddy
confsettingsnp.com	GoDaddy
CONFTABLE.COM	GoDaddy
CONFVIEW.COM	GoDaddy
DEVICE-REPUTATION-AUTHORITY.COM	GoDaddy
DEVICECONFIRM.COM	GoDaddy
DEVICECONFIRM.INFO	GoDaddy
DEVICECONFIRM.MOBI	GoDaddy
DEVICECONFIRM.NET	GoDaddy
DEVICECONFIRM.ORG	GoDaddy
DEVICEPERSONA.COM	GoDaddy
DEVICEPERSONA.NET	GoDaddy
DEVICEPRINT.CO.UK	GoDaddy
DEVICEPRINT.COM	GoDaddy
DEVICEPRINT.NET	GoDaddy
DEVICEPRINT.ORG	GoDaddy
DEVICERECOGNITION.COM	GoDaddy
DEVICEREP.CO.UK	GoDaddy
DEVICEREP.COM	GoDaddy
DEVICEREP.NET	GoDaddy
DEVICEREP.ORG	GoDaddy
DEVICEREPUTATION.COM	GoDaddy
DEVICEREPUTATION.NET	GoDaddy
DEVICEREPUTATION.ORG	GoDaddy
DEVICEREPUTATIONAUTHORITY.COM	GoDaddy
DEVICEREPUTATIONAUTHORITY.INFO	GoDaddy
DEVICEREPUTATIONAUTHORITY.NET	GoDaddy
DEVICEREPUTATIONAUTHORITY.ORG	GoDaddy
DEVICSENTINEL.CO.UK	GoDaddy
DEVICSENTINEL.COM	GoDaddy
DEVICSENTINEL.NET	GoDaddy
DEVICSENTINEL.ORG	GoDaddy
DEVREP.NET	GoDaddy
DEVREP.ORG	GoDaddy



Domain Name	Registry
fflkdemo.com	GoDaddy
FINDTHEFRAUDSTER.COM	GoDaddy
fraudforce.biz	GoDaddy
fraudforce.co	GoDaddy
fraudforce.info	GoDaddy
fraudforce.org	GoDaddy
fraudforce.tech	GoDaddy
fraudforce.us	GoDaddy
FRAUDFORCESUMMIT.COM	GoDaddy
FRAUDPULSE.COM	GoDaddy
FRAUDPULSE.NET	GoDaddy
FRAUDPULSE.ORG	GoDaddy
gregiovationpierson.com	GoDaddy
gregiovationpierson.info	GoDaddy
gregiovationpierson.net	GoDaddy
gregiovationpierson.org	GoDaddy
gregjamespiersoniovation.biz	GoDaddy
gregjamespiersoniovation.club	GoDaddy
gregjamespiersoniovation.co	GoDaddy
gregjamespiersoniovation.company	GoDaddy
gregjamespiersoniovation.guru	GoDaddy
gregjamespiersoniovation.info	GoDaddy
gregjamespiersoniovation.life	GoDaddy
gregjamespiersoniovation.love	GoDaddy
gregjamespiersoniovation.me	GoDaddy
gregjamespiersoniovation.mobi	GoDaddy
gregjamespiersoniovation.net	GoDaddy
gregjamespiersoniovation.online	GoDaddy
gregjamespiersoniovation.org	GoDaddy
gregjamespiersoniovation.solutions	GoDaddy
gregjamespiersoniovation.tech	GoDaddy
gregjamespiersoniovation.today	GoDaddy
gregjamespiersoniovation.us	GoDaddy
gregjamespiersoniovation.work	GoDaddy
gregjamespiersoniovation.xyz	GoDaddy
gregpiersoniovation.biz	GoDaddy
gregpiersoniovation.club	GoDaddy
gregpiersoniovation.co	GoDaddy
gregpiersoniovation.company	GoDaddy
gregpiersoniovation.guru	GoDaddy
gregpiersoniovation.info	GoDaddy
gregpiersoniovation.life	GoDaddy
gregpiersoniovation.me	GoDaddy
gregpiersoniovation.mobi	GoDaddy
gregpiersoniovation.net	GoDaddy
gregpiersoniovation.online	GoDaddy

Domain Name	Registry
gregjpiersoniovation.org	GoDaddy
gregjpiersoniovation.rocks	GoDaddy
gregjpiersoniovation.solutions	GoDaddy
gregjpiersoniovation.tech	GoDaddy
gregjpiersoniovation.today	GoDaddy
gregjpiersoniovation.us	GoDaddy
gregjpiersoniovation.work	GoDaddy
gregjpiersoniovation.xyz	GoDaddy
gregoryjamespiersoniovation.biz	GoDaddy
gregoryjamespiersoniovation.club	GoDaddy
gregoryjamespiersoniovation.co	GoDaddy
gregoryjamespiersoniovation.com	GoDaddy
gregoryjamespiersoniovation.company	GoDaddy
gregoryjamespiersoniovation.guru	GoDaddy
gregoryjamespiersoniovation.info	GoDaddy
gregoryjamespiersoniovation.life	GoDaddy
gregoryjamespiersoniovation.love	GoDaddy
gregoryjamespiersoniovation.me	GoDaddy
gregoryjamespiersoniovation.net	GoDaddy
gregoryjamespiersoniovation.online	GoDaddy
gregoryjamespiersoniovation.org	GoDaddy
gregoryjamespiersoniovation.rocks	GoDaddy
gregoryjamespiersoniovation.solutions	GoDaddy
gregoryjamespiersoniovation.tech	GoDaddy
gregoryjamespiersoniovation.today	GoDaddy
gregoryjamespiersoniovation.us	GoDaddy
gregoryjamespiersoniovation.vip	GoDaddy
gregoryjamespiersoniovation.work	GoDaddy
gregoryjamespiersoniovation.xyz	GoDaddy
gregoryjpiersoniovation.biz	GoDaddy
gregoryjpiersoniovation.club	GoDaddy
gregoryjpiersoniovation.co	GoDaddy
gregoryjpiersoniovation.com	GoDaddy
gregoryjpiersoniovation.company	GoDaddy
gregoryjpiersoniovation.guru	GoDaddy
gregoryjpiersoniovation.info	GoDaddy
gregoryjpiersoniovation.life	GoDaddy
gregoryjpiersoniovation.me	GoDaddy
gregoryjpiersoniovation.net	GoDaddy
gregoryjpiersoniovation.online	GoDaddy
gregoryjpiersoniovation.org	GoDaddy
gregoryjpiersoniovation.rocks	GoDaddy
gregoryjpiersoniovation.solutions	GoDaddy
gregoryjpiersoniovation.tech	GoDaddy
gregoryjpiersoniovation.today	GoDaddy
gregoryjpiersoniovation.us	GoDaddy

Domain Name	Registry
gregoryjpiersoniovation.work	GoDaddy
gregoryjpiersoniovation.xyz	GoDaddy
gregoryjpiersoniovationnow.com	GoDaddy
gregoryjpiersoniovationpro.com	GoDaddy
gregorypiersoniovation.com	GoDaddy
gregpierson-iovation.com	GoDaddy
GREGPIERSON.COM	GoDaddy
GREGPIERSON.INFO	GoDaddy
GREGPIERSON.NET	GoDaddy
GREGPIERSON.ORG	GoDaddy
gregpiersoniovation.biz	GoDaddy
gregpiersoniovation.club	GoDaddy
gregpiersoniovation.co	GoDaddy
gregpiersoniovation.com	GoDaddy
gregpiersoniovation.company	GoDaddy
gregpiersoniovation.guru	GoDaddy
gregpiersoniovation.info	GoDaddy
gregpiersoniovation.life	GoDaddy
gregpiersoniovation.me	GoDaddy
gregpiersoniovation.mobi	GoDaddy
gregpiersoniovation.net	GoDaddy
gregpiersoniovation.online	GoDaddy
gregpiersoniovation.org	GoDaddy
gregpiersoniovation.rocks	GoDaddy
gregpiersoniovation.solutions	GoDaddy
gregpiersoniovation.tech	GoDaddy
gregpiersoniovation.today	GoDaddy
gregpiersoniovation.us	GoDaddy
gregpiersoniovation.work	GoDaddy
gregpiersoniovation.xyz	GoDaddy
gregpiersonultimate.bet	GoDaddy
gregpiersonultimatebet.biz	GoDaddy
gregpiersonultimatebet.club	GoDaddy
gregpiersonultimatebet.co	GoDaddy
gregpiersonultimatebet.com	GoDaddy
gregpiersonultimatebet.guru	GoDaddy
gregpiersonultimatebet.info	GoDaddy
gregpiersonultimatebet.me	GoDaddy
gregpiersonultimatebet.net	GoDaddy
gregpiersonultimatebet.online	GoDaddy
gregpiersonultimatebet.org	GoDaddy
gregpiersonultimatebet.tech	GoDaddy
gregpiersonultimatebet.tips	GoDaddy
gregpiersonultimatebet.today	GoDaddy
gregpiersonultimatebet.us	GoDaddy
gregpiersonultimatebet.xyz	GoDaddy

Domain Name	Registry
I-OVATION.COM	GoDaddy
iaunchkey.com	GoDaddy
iaunchkey.info	GoDaddy
iaunchkey.net	GoDaddy
iaunchkey.org	GoDaddy
iaunchkey.us	GoDaddy
IESNARE.BIZ	GoDaddy
IESNARE.CO.UK	GoDaddy
IESNARE.COM	GoDaddy
IESNARE.INFO	GoDaddy
IESNARE.NET	GoDaddy
IESNARE.ORG	GoDaddy
IESNARE.XXX	GoDaddy
iesnarenp.com	GoDaddy
IOSNARE.CO.UK	GoDaddy
IOSNARE.COM	GoDaddy
IOSNARE.NET	GoDaddy
IOSNARE.ORG	GoDaddy
iovation-gregpierson.com	GoDaddy
IOVATION.AG	GoDaddy
IOVATION.AT	GoDaddy
IOVATION.BE	GoDaddy
IOVATION.BIZ	GoDaddy
iovation.ca	GoDaddy
IOVATION.CC	GoDaddy
iovation.co	GoDaddy
IOVATION.CO.NZ	GoDaddy
IOVATION.CO.UK	GoDaddy
IOVATION.COM	GoDaddy
IOVATION.COM.AG	GoDaddy
IOVATION.COM.TW	GoDaddy
IOVATION.FM	GoDaddy
IOVATION.INFO	GoDaddy
iovation.io	GoDaddy
iovation.me	GoDaddy
IOVATION.ME.UK	GoDaddy
IOVATION.MOBI	GoDaddy
IOVATION.MS	GoDaddy
IOVATION.NET	GoDaddy
IOVATION.NET.AG	GoDaddy
IOVATION.NET.CN	GoDaddy
IOVATION.NET.NZ	GoDaddy
IOVATION.ORG	GoDaddy
IOVATION.ORG.AG	GoDaddy
IOVATION.ORG.CN	GoDaddy
IOVATION.ORG.NZ	GoDaddy

Domain Name	Registry
IOVATION.ORG.UK	GoDaddy
iovation.solutions	GoDaddy
IOVATION.TC	GoDaddy
IOVATION.TV	GoDaddy
IOVATION.TW	GoDaddy
IOVATION.US	GoDaddy
IOVATION.VG	GoDaddy
IOVATION.WS	GoDaddy
IOVATION.XXX	GoDaddy
iovationbank.com	GoDaddy
iovationgregpierson.com	GoDaddy
iovationgregpierson.info	GoDaddy
iovationgregpierson.net	GoDaddy
iovationgregpierson.org	GoDaddy
IOVATIONGROUP.COM	GoDaddy
IOVATIONNP.COM	GoDaddy
iovationnpext.com	GoDaddy
IOVATIONONLINE.COM	GoDaddy
IOVATIONPARTNERS.COM	GoDaddy
iovationpiersongreg.com	GoDaddy
iovationpiersongreg.info	GoDaddy
iovationpiersongreg.net	GoDaddy
iovationpiersongreg.org	GoDaddy
IOVATIONQA.COM	GoDaddy
IOVATIONSOLUTIONS.COM	GoDaddy
IOVATIONSYSTEMS.COM	GoDaddy
IOVATOIN.COM	GoDaddy
launchkeynp.com	GoDaddy
LOCATETHEFRAUDSTER.COM	GoDaddy
lovation.biz	GoDaddy
lovation.co	GoDaddy
lovation.info	GoDaddy
lovation.org	GoDaddy
lovation.us	GoDaddy
MERCHANTPREFS.COM	GoDaddy
MERCHANTSETTINGS.COM	GoDaddy
ONLINESAFETYCOUNCIL.NET	GoDaddy
piersongreg.com	GoDaddy
piersongreg.info	GoDaddy
piersongreg.net	GoDaddy
piersongreg.org	GoDaddy
piersongregiovation.com	GoDaddy
piersongregiovation.info	GoDaddy
piersongregiovation.net	GoDaddy
piersongregiovation.org	GoDaddy
piersoniovationgreg.com	GoDaddy

Domain Name	Registry
piersoniovationgreg.info	GoDaddy
piersoniovationgreg.net	GoDaddy
piersoniovationgreg.org	GoDaddy
POWEROFREPUTATION.COM	GoDaddy
POWEROFREPUTATION.INFO	GoDaddy
POWEROFREPUTATION.NET	GoDaddy
POWEROFREPUTATION.ORG	GoDaddy
PREFSBOX.COM	GoDaddy
PREFSCONF.COM	GoDaddy
PREFSITE.COM	GoDaddy
PREFSSSESSION.COM	GoDaddy
PREFSSETTINGS.COM	GoDaddy
PREFSWIDGET.COM	GoDaddy
PROCESSMERCHANT.COM	GoDaddy
reallybigbank.com	GoDaddy
REPUTATIONGUARDIAN.COM	GoDaddy
REPUTATIONISEVERYTHING.ORG	GoDaddy
REPUTATIONMANAGER.INFO	GoDaddy
REPUTATIONMANAGER.ORG	GoDaddy
REPUTATIONMANAGER.US	GoDaddy
SESSIONCONF.COM	GoDaddy
SESSIONITEM.COM	GoDaddy
SESSIONPREFS.COM	GoDaddy
SESSIONSETTINGS.COM	GoDaddy
SESSIONTOOL.COM	GoDaddy
SETTINGPREFS.COM	GoDaddy
SETTINGSCONF.COM	GoDaddy
SETTINGSITEM.COM	GoDaddy
SETTINGSVIEW.COM	GoDaddy
SNARELOGIC.COM	GoDaddy
SNARES SERVER.CO.UK	GoDaddy
SNARES SERVER.COM	GoDaddy
SNARES SERVER.NET	GoDaddy
SNARES SERVER.ORG	GoDaddy
SPOTTHEFRAUDSTER.COM	GoDaddy
THEPOWEROFREPUTATION.COM	GoDaddy
THEPOWEROFREPUTATION.INFO	GoDaddy
THEPOWEROFREPUTATION.NET	GoDaddy
THEPOWEROFREPUTATION.ORG	GoDaddy
THEREPUTATIONGUARDIAN.COM	GoDaddy
iovation.eu	EuroDNS
iovation.ro	EuroDNS
iovation.li	EuroDNS
iovation.dk	EuroDNS
iovation.lv	EuroDNS
iovation.jp	EuroDNS