

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM691775

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	GRANT OF SECURITY INTEREST IN TRADEMARK RIGHTS		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
EBUREAU, LLC		12/01/2021	Limited Liability Company: DELAWARE
FACTORTRUST, INC.,		12/01/2021	Corporation: DELAWARE
IOVATION, INC.		12/01/2021	Corporation: DELAWARE
SIGNAL DIGITAL, INC.		12/01/2021	Corporation: DELAWARE
TRANS UNION LLC		12/01/2021	Limited Liability Company: DELAWARE
TRANSUNION HEALTHCARE, INC.		12/01/2021	Corporation: DELAWARE
TRANSUNION INTERACTIVE, INC.		12/01/2021	Corporation: DELAWARE
TRANSUNION RENTAL SCREENING SOLUTIONS, INC.		12/01/2021	Corporation: DELAWARE
TRANSUNION RISK AND ALTERNATIVE DATA SOLUTIONS, INC.		12/01/2021	Corporation: DELAWARE
TRU OPTIK DATA CORP.		12/01/2021	Corporation: DELAWARE
NEUSTAR INFORMATION SERVICES, INC.		12/01/2021	Corporation: DELAWARE
NEUSTAR DATA SERVICES, INC.		12/01/2021	Corporation: DELAWARE
TRUSTID, INC.		12/01/2021	Corporation: DELAWARE
NEUSTAR, INC.		12/01/2021	Corporation: DELAWARE
NEUSTAR IP INTELLIGENCE, INC.		12/01/2021	Corporation: DELAWARE
MARKETSHARE PARTNERS, LLC		12/01/2021	Limited Liability Company: DELAWARE
SONTIQ, INC.		12/01/2021	Corporation: DELAWARE
RECEIVING PARTY DATA			
Name:	JPMORGAN CHASE BANK, N.A.		
Street Address:	383 Madison Avenue		
City:	New York		
State/Country:	NEW YORK		

CH \$4265.00 3705724

Postal Code:	10179
Entity Type:	National Association: UNITED STATES

PROPERTY NUMBERS Total: 170

Property Type	Number	Word Mark
Registration Number:	3705724	EBUREAU
Registration Number:	5861620	FLEX FORMAT
Registration Number:	5770166	FLEXFORMAT
Registration Number:	5331053	
Registration Number:	4897384	LENDPROTECT
Registration Number:	4797875	FACTORTRUST
Registration Number:	5398287	CREDITLIFECYCLE
Registration Number:	5414777	CRA GATEWAY
Registration Number:	3475890	
Registration Number:	3699640	REPUTATIONMANAGER
Registration Number:	3476248	REPUTATION IS EVERYTHING
Registration Number:	4492288	LAUNCHKEY
Registration Number:	3313470	IOVATION
Registration Number:	5017161	IOVATION
Registration Number:	5061265	GLOBAL DEVICE INTELLIGENCE PLATFORM
Registration Number:	3224474	FRAUDFORCE
Registration Number:	3224475	FRAUDFACTOR
Registration Number:	4106350	DEVICEPRINT
Registration Number:	3705979	DEVICE REPUTATION AUTHORITY
Registration Number:	4719634	SIGNAL TAG
Registration Number:	4712209	SIGNAL FUSE
Registration Number:	4702677	SIGNAL
Registration Number:	4072847	SIGNAL
Registration Number:	4320873	SIGNAL
Registration Number:	5228568	AUDIENCE TRUST
Registration Number:	4716403	SIGNAL ENGAGE
Registration Number:	5629760	RESIDENTSCORE
Registration Number:	4833827	TRANSUNION TU
Registration Number:	4833826	TU
Registration Number:	4372195	TRANSUNION TRUERISK
Registration Number:	4710394	TRANSUNION MORTGAGE RISK METRICS
Registration Number:	3572992	TRANSUNION DIRECT
Registration Number:	4836125	TRANSUNION DECISIONEDGE
Registration Number:	2719079	TRANSUNION

Property Type	Number	Word Mark
Registration Number:	3017029	TRANSUNION
Registration Number:	2816209	TRANSUNION
Registration Number:	2816208	TRANSUNION
Registration Number:	2748248	TOTAL ID
Registration Number:	4003723	INTELLIGENCE IN AN INSTANT
Registration Number:	5709952	INFORMATION FOR GOOD
Registration Number:	3350475	IDENTITY MANAGER VERIFICATION
Registration Number:	4235193	CREDITVISION
Registration Number:	5481740	IDVISION
Registration Number:	5201081	TRANSUNION DRIVER SEARCH
Registration Number:	5418685	PRAMA
Registration Number:	5176936	GREATER REACH. GREATER CERTAINTY.
Registration Number:	924279	TRANS UNION
Registration Number:	5126032	RESIDENTID
Registration Number:	4788707	RESIDENTVISION
Registration Number:	4673297	RESIDENTCREDIT
Registration Number:	0917889	TRANS UNION
Registration Number:	0918250	CRONUS
Registration Number:	2785684	T
Registration Number:	2790484	T
Serial Number:	97031505	TRULOOKUP
Serial Number:	90840396	TRUEMPower
Serial Number:	90840390	TRUIQ
Serial Number:	90840369	TRUVISION
Serial Number:	90567369	TRUAUDIENCE
Serial Number:	90522526	TRUVALIDATE
Registration Number:	2818884	T
Registration Number:	2827011	T
Registration Number:	4933950	ADFUEL
Registration Number:	4948054	MAKE THE RIGHT IMPRESSION
Registration Number:	5027694	ADSURETY
Registration Number:	5831229	ESCAN ANALYTICS
Registration Number:	5581798	REVENUE PROTECTION
Registration Number:	5434332	TRANSUNION PRIOR AUTH LIBRARY
Registration Number:	4051939	ESCAN DATA SYSTEMS INC
Registration Number:	3908658	ESCAN
Registration Number:	5607555	THE PATIENT IS THE NEW PAYER
Registration Number:	5563383	SMARTQ

Property Type	Number	Word Mark
Registration Number:	5940392	CREDITVIEW DASHBOARD
Registration Number:	5916137	MYTRANSUNION
Registration Number:	5636818	MYTRUEIDENTITY
Registration Number:	5746276	TRUEIDENTITY
Registration Number:	4985247	MORTGEDGE
Registration Number:	5740013	ON THE ROAD TO GREAT CREDIT
Registration Number:	3794587	ZENDOUGH
Registration Number:	2718984	TRUECREDIT
Registration Number:	2771771	TRUECREDIT
Registration Number:	2693156	
Registration Number:	5496075	CREDIT LOCK PLUS POWERED BY MULTI-BUREAU
Registration Number:	5496074	CREDIT LOCK PLUS
Registration Number:	5445340	MULTI-BUREAU LOCK
Registration Number:	2498281	MANAGE YOUR CREDIT. MANAGE YOUR LIFE.
Registration Number:	6009068	CREDITCOMPASS
Registration Number:	2577391	CREDITRETRIEVER
Registration Number:	4948068	SMARTMOVE
Registration Number:	4907200	SMARTMOVE
Registration Number:	3715604	SMARTMOVE
Registration Number:	5060214	GREAT REPORTS. GREAT CONVENIENCE. GREAT
Registration Number:	6075361	SHAREABLE
Registration Number:	6034173	IT'S GOING TO BE MUCH LESS SAFE TO BE DI
Registration Number:	3977605	TLOXP
Registration Number:	4698560	TRU OPTIK
Registration Number:	4331304	ACCOUNTLINK
Registration Number:	3769527	ADADVISOR
Registration Number:	2729224	AMACAI
Serial Number:	88070185	ACCELERATED DISCOVERY
Registration Number:	4298178	
Registration Number:	5375646	DECISION NAVIGATOR
Registration Number:	3547679	ELEMENTONE
Registration Number:	5000299	FRAUD ID
Registration Number:	4731740	NEUSENTRY
Registration Number:	4773396	REAL INTELLIGENCE. BETTER DECISIONS.
Registration Number:	2802768	GEOPOINT
Registration Number:	6479975	ULTRAREPUTATION
Registration Number:	3541072	ITACT
Registration Number:	3996115	INFOZONE

Property Type	Number	Word Mark
Registration Number:	3331430	LOCALEZE
Registration Number:	4718797	MARKETSHARE
Registration Number:	4718798	MARKETSHARE
Registration Number:	5188970	MARKETSHARE DECISIONCLOUD
Registration Number:	2525756	NEUSTAR
Registration Number:	3343135	NEUSTAR
Registration Number:	3035697	NEUSTAR
Registration Number:	3773538	NEUSTAR
Registration Number:	3872035	NEUSTAR
Registration Number:	3203185	NEW MOVERS ON DEMAND
Registration Number:	2510765	NUMBERMANAGER
Registration Number:	2673290	NUMERITRACK
Registration Number:	3578177	ON-DEMAND VERIFICATION
Registration Number:	6309341	ONEID
Registration Number:	2742250	ONEID
Registration Number:	4293333	PAGEADVISOR
Registration Number:	4761430	PLATFORMONE
Registration Number:	4998708	PLATFORMONE
Registration Number:	2564337	QUOVA
Registration Number:	3252515	SIP-IX
Registration Number:	2659443	TARGUSINFO
Registration Number:	4231592	TELEPHONE FIREWALL
Registration Number:	5668314	TRUSTED CALLER FLOW
Registration Number:	2912308	TRUSTED TO BRING NETWORKS TOGETHER
Registration Number:	5762337	TRUSTID
Registration Number:	3179222	WEBMETRICS
Registration Number:	5215366	CYBERSCOUT
Registration Number:	4756999	NOTIFICATION NAVIGATOR
Registration Number:	4347916	FRAUDSCOUT
Registration Number:	4365738	DATARISKSTAGES
Serial Number:	90145200	FABRICK
Serial Number:	90145258	FABRICK
Serial Number:	90145281	FABRICK
Serial Number:	90145302	FABRICK
Serial Number:	88889304	ULTRAGEOPOINT
Serial Number:	90145216	NEUSTAR FABRICK
Serial Number:	90145271	NEUSTAR FABRICK
Serial Number:	90145288	NEUSTAR FABRICK

Property Type	Number	Word Mark
Serial Number:	90144758	NEUSTAR FABRICK
Serial Number:	87427187	ONEID
Registration Number:	4104155	LIFESTAGES
Registration Number:	2709171	EZ EZSHIELD CHECK FRAUD PROTECTION PROGR
Registration Number:	3780752	EZSHIELD
Registration Number:	4752314	END2END DEFENSE
Registration Number:	4530092	TRIPLE LAYER DEFENSE SYSTEM
Registration Number:	2774601	EZ
Registration Number:	5985175	BREACH CLARITY
Registration Number:	6067426	BC
Registration Number:	6132077	BREACH CLARITY SCORE
Registration Number:	4967445	ID
Registration Number:	4677388	IDENTITYFORCE.
Registration Number:	5878337	IDENTITYFORCE
Registration Number:	6465389	BC
Registration Number:	6156169	EZSHIELD
Serial Number:	90547880	REPIQ
Serial Number:	88670940	BREACH INTELLIGENCE NETWORK
Serial Number:	88670932	BREACHEDID
Serial Number:	90000658	BC
Serial Number:	88288758	SONTIQ
Serial Number:	88982685	SONTIQ

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.

Phone: 2128192511
Email: iprecordations@whitecase.com
Correspondent Name: Kate Andes/ White & Case LLP
Address Line 1: 1221 Avenue of the Americas
Address Line 4: New York, NEW YORK 10020

ATTORNEY DOCKET NUMBER:	1107993-0227-CM65
NAME OF SUBMITTER:	Kate Andes
SIGNATURE:	/Kate Andes/
DATE SIGNED:	12/01/2021

Total Attachments: 14

source=TransUnion - 2L Trademark Security Agreement (Executed)#page1.tif
source=TransUnion - 2L Trademark Security Agreement (Executed)#page2.tif

source=TransUnion - 2L Trademark Security Agreement (Executed)#page3.tif
source=TransUnion - 2L Trademark Security Agreement (Executed)#page4.tif
source=TransUnion - 2L Trademark Security Agreement (Executed)#page5.tif
source=TransUnion - 2L Trademark Security Agreement (Executed)#page6.tif
source=TransUnion - 2L Trademark Security Agreement (Executed)#page7.tif
source=TransUnion - 2L Trademark Security Agreement (Executed)#page8.tif
source=TransUnion - 2L Trademark Security Agreement (Executed)#page9.tif
source=TransUnion - 2L Trademark Security Agreement (Executed)#page10.tif
source=TransUnion - 2L Trademark Security Agreement (Executed)#page11.tif
source=TransUnion - 2L Trademark Security Agreement (Executed)#page12.tif
source=TransUnion - 2L Trademark Security Agreement (Executed)#page13.tif
source=TransUnion - 2L Trademark Security Agreement (Executed)#page14.tif

**GRANT OF SECURITY INTEREST
IN UNITED STATES TRADEMARKS**

FOR GOOD AND VALUABLE CONSIDERATION, receipt and sufficiency of which are hereby acknowledged, **EBUREAU, LLC**, a Delaware limited liability company with principal offices at 555 West Adams Street, Chicago, Illinois 60661, **FACTORTRUST, INC.**, a Delaware corporation with principal offices at 555 SW Oak Street #300, Portland, Oregon 97204, **IOVATION, INC.**, a Delaware corporation with principal offices at 555 West Adams Street, Chicago, Illinois 60661, **SIGNAL DIGITAL, INC.**, a Delaware corporation with principal offices at 555 West Adams Street, Chicago, Illinois 60661, **TRANS UNION LLC**, a Delaware limited liability company with principal offices at 555 West Adams Street, Chicago, Illinois 60661, **TRANSUNION HEALTHCARE, INC.**, a Texas corporation with principal offices at 555 West Adams Street, Chicago, Illinois 60661, **TRANSUNION INTERACTIVE, INC.**, a Delaware corporation with principal offices at 555 West Adams Street, Chicago, Illinois 60661, **TRANSUNION RENTAL SCREENING SOLUTIONS, INC.**, a Delaware corporation with principal offices at 555 West Adams Street, Chicago, Illinois 60661, **TRANSUNION RISK AND ALTERNATIVE DATA SOLUTIONS, INC.**, a Delaware corporation with principal offices at 695 Mansell Rd #200, Roswell, Georgia 30076, **TRU OPTIK DATA CORP.**, a Delaware corporation with principal offices at 555 West Adams Street, Chicago, Illinois 60661, **NEUSTAR INFORMATION SERVICES, INC.**, a Delaware corporation with principal offices at 1906 Reston Metro Plaza, Suite 500, Reston, Virginia 20190, **NEUSTAR DATA SERVICES, INC.**, a Delaware corporation with principal offices at 1906 Reston Metro Plaza, Suite 500, Reston, Virginia 20190, **TRUSTID, INC.**, a Delaware corporation with principal offices at 1906 Reston Metro Plaza, Suite 500, Reston, Virginia 20190, **NEUSTAR, INC.**, a Delaware corporation with principal offices at 1906 Reston Metro Plaza, Suite 500, Reston, Virginia 20190, **NEUSTAR IP INTELLIGENCE, INC.**, a Delaware corporation with principal offices at 1906 Reston Metro Plaza, Suite 500, Reston, Virginia 20190, **MARKETSHARE PARTNERS, LLC**, a Delaware limited liability company with principal offices at 1906 Reston Metro Plaza, Suite 500, Reston, Virginia 20190, and **SONTIQ, INC.**, a Delaware corporation with principal offices at 9920 Franklin Square, Suite 250, Nottingham, Maryland 21236 (each, a “Grantor” and collectively, the “Grantors”), hereby grant to **JPMORGAN CHASE BANK, N.A.**, as Collateral Agent, with principal offices at 383 Madison Avenue New York, NY 10179 (the “Grantee”), a continuing security interest in (i) all of each such Grantor’s right, title and interest in, to and under to the United States trademarks, trademark registrations and trademark applications (the “Marks”) set forth on Schedule A attached hereto, (ii) all Proceeds (as such term is defined in the Security Agreement referred to below) and products of the Marks, (iii) the goodwill of the businesses with which the Marks are associated and (iv) 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.

Notwithstanding the foregoing, no grant of any Lien or security interest shall be deemed granted hereunder in any “intent to use” trademark application for which a statement of use has not been filed and accepted with the U.S. Patent and Trademark Office.

THIS GRANT is made to secure the payment of all the Secured Obligations of the Grantor, as such term is defined in the Second Lien Security Agreement among the Grantors, the other grantors from time to time party thereto and the Grantee, dated as of December 1, 2021 (as amended, modified, restated and/or supplemented from time to time, the “Security Agreement”). Upon the occurrence of the Termination Date (as defined in the Security Agreement), the Grantee shall execute, acknowledge, and deliver to the Grantor an instrument in writing releasing the security interest in the Marks acquired under this Grant.

This Grant has been granted in conjunction with the security interest granted to the Grantee under the Security Agreement. The rights and remedies of the Grantee with respect to the security interest

granted herein are as set forth in the Security Agreement, all terms and provisions of which are incorporated herein by reference. In the event that any provisions of this Grant are deemed to conflict with the Security Agreement, the provisions of the Security Agreement shall govern in all respects.

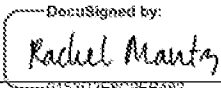
This Agreement may be executed in any number of counterparts and by the different parties hereto on separate counterparts, each of which when so executed and delivered shall be an original, but all of which shall together constitute one and the same instrument. A set of counterparts executed by all the parties hereto shall be lodged with the Borrower and the Collateral Agent. Delivery of an executed counterpart of this Agreement by facsimile or electronic mail shall be equally effective as delivery of an original executed counterpart.

THIS AGREEMENT AND THE RIGHTS AND OBLIGATIONS OF THE PARTIES HEREUNDER SHALL BE CONSTRUED IN ACCORDANCE WITH AND BE GOVERNED BY THE LAW OF THE STATE OF NEW YORK. ANY LEGAL ACTION OR PROCEEDING ARISING HEREUNDER OR IN ANY WAY CONNECTED WITH OR RELATED OR INCIDENTAL TO THE DEALINGS OF THE PARTIES HERETO, IN EACH CASE WHETHER NOW EXISTING OR HEREAFTER ARISING MAY BE BROUGHT IN THE COURTS OF THE STATE OF NEW YORK SITTING IN NEW YORK CITY OR OF THE UNITED STATES FOR THE SOUTHERN DISTRICT OF NEW YORK, AND, BY EXECUTION AND DELIVERY OF THIS AGREEMENT, EACH GRANTOR, EACH LENDER AND THE COLLATERAL AGENT HEREBY CONSENTS FOR ITSELF AND IN RESPECT OF ITS PROPERTY, TO THE NON-EXCLUSIVE JURISDICTION OF THE AFORESAID COURTS. EACH GRANTOR, EACH LENDER AND THE COLLATERAL AGENT IRREVOCABLY WAIVES, TO THE EXTENT PERMITTED BY APPLICABLE LAW, ANY OBJECTION, INCLUDING ANY OBJECTION TO THE LAYING OF VENUE OR BASED ON THE GROUNDS OF FORUM NON CONVENIENS, WHICH IT MAY NOW OR HEREAFTER HAVE TO THE BRINGING OF ANY ACTION OR PROCEEDING IN SUCH JURISDICTION IN RESPECT OF ANY LOAN DOCUMENT OR OTHER DOCUMENT RELATED THERETO. EACH PARTY HERETO IRREVOCABLY CONSENTS TO SERVICE OF PROCESS IN ANY ACTION OR PROCEEDING ARISING OUT OF OR RELATING TO ANY LOAN DOCUMENTS IN THE MANNER PROVIDED FOR NOTICES (OTHER THAN TELECOPIER) IN SECTION 10.02 OF THE CREDIT AGREEMENT. NOTHING IN THIS AGREEMENT OR ANY OTHER LOAN DOCUMENT WILL AFFECT THE RIGHT OF ANY PARTY HERETO TO SERVE PROCESS IN ANY OTHER MANNER PERMITTED BY APPLICABLE LAW.

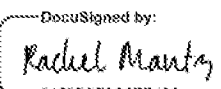
[Remainder of this page intentionally left blank; signature page follows]

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

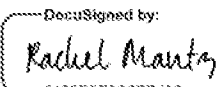
TRANS UNION LLC

By: 
Name: Rachel Mantz
Title: Senior Vice President, Deputy
General Counsel and Corporate
Secretary

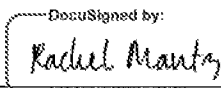
TRANSUNION INTERACTIVE, INC.

By: 
Name: Rachel Mantz
Title: Vice President, Secretary

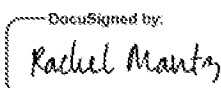
**TRANSUNION RENTAL SCREENING
SOLUTIONS, INC.**

By: 
Name: Rachel Mantz
Title: Vice President, Secretary

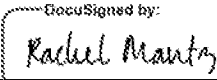
TRANSUNION HEALTHCARE, INC.

By: 
Name: Rachel Mantz
Title: Vice President, Secretary

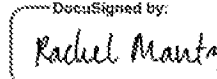
**TRANSUNION RISK AND ALTERNATIVE
DATA SOLUTIONS, INC.**

By: 
Name: Rachel Mantz
Title: Vice President, Secretary

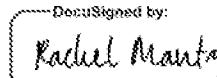
SIGNAL DIGITAL, INC.

By: 
Name: Rachel Mantz
Title: Vice President, Secretary

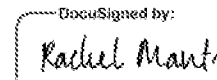
IOVATION INC.

By: 
Name: Rachel Mantz
Title: Vice President, Secretary

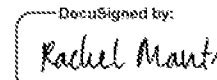
eBUREAU, LLC

By: 
Name: Rachel Mantz
Title: Vice President, Secretary

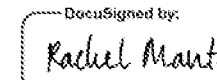
FACTORTRUST, INC.

By: 
Name: Rachel Mantz
Title: Vice President, Secretary

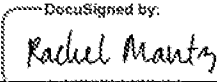
TRU OPTIK DATA CORP.

By: 
Name: Rachel Mantz
Title: Vice President, Secretary

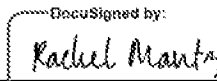
**NEUSTAR INFORMATION SERVICES,
INC.**

By: 
Name: Rachel Mantz
Title: Senior Vice President, Secretary

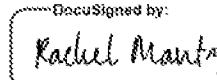
NEUSTAR DATA SERVICES, INC.

By: 
Name: Rachel Mantz
Title: Senior Vice President, Secretary

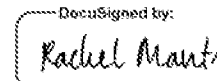
TRUSTID, INC.

By: 
Name: Rachel Mantz
Title: Senior Vice President, Secretary

NEUSTAR, INC.

By: 
Name: Rachel Mantz
Title: Senior Vice President, Secretary

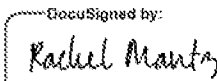
NEUSTAR IP INTELLIGENCE, INC.

By: 
Name: Rachel Mantz
Title: Senior Vice President, Secretary

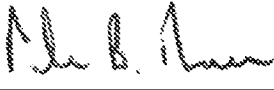
MARKETSHARE PARTNERS, LLC

By: 
Name: Rachel Mantz
Title: Senior Vice President, Secretary

SONTIQ, INC.

By: 
Name: Rachel Mantz
Title: Senior Vice President, Secretary

JPMORGAN CHASE BANK, N.A., as Collateral
Agent and Grantee

By 
Name: Peter B. Thauer
Title: Managing Director

SCHEDULE A**Trademarks**


<u>Grantor</u>	<u>Serial / Registration Number</u>	<u>Trademark</u>
eBureau, LLC	3705724	EBUREAU
FactorTrust, Inc.	5861620	FLEX FORMAT
FactorTrust, Inc.	5770166	FLEXFORMAT
FactorTrust, Inc.	5331053	FactorTrust Logo
FactorTrust, Inc.	4897384	LENDPROTECT
FactorTrust, Inc.	4797875	FACTORTRUST
FactorTrust, Inc.	5398287	CREDITLIFECYCLE
FactorTrust, Inc.	5414777	CRA GATEWAY
iovation Inc.	3475890	Keyhole Design Logo
iovation Inc.	3699640	REPUTATIONMANAGER
iovation Inc.	3476248	REPUTATION IS EVERYTHING
iovation Inc.	4492288	LAUNCHKEY
iovation Inc.	3313470	IOVATION
iovation Inc.	5017161	IOVATION
iovation Inc.	5061265	GLOBAL DEVICE INTELLIGENCE PLATFORM
iovation Inc.	3224474	FRAUDFORCE
iovation Inc.	3224475	FRAUDFACTOR
iovation Inc.	4106350	DEVICEPRINT
iovation Inc.	3705979	DEVICE REPUTATION AUTHORITY
Signal Digital, Inc.	4719634	SIGNAL TAG
Signal Digital, Inc.	4712209	SIGNAL FUSE
Signal Digital, Inc.	4702677	SIGNAL
Signal Digital, Inc.	4072847	SIGNAL








Signal Digital, Inc.	4320873	SIGNAL
Signal Digital, Inc.	5228568	AUDIENCE TRUST
Signal Digital, Inc.	4716403	SIGNAL ENGAGE
Trans Union LLC	97031505	TRULOOKUP
Trans Union LLC	90840396	TRUEMPOWER
Trans Union LLC	90840390	TRUIQ
Trans Union LLC	90840369	TRUVISION
Trans Union LLC	90567369	TRUAUDIENCE
Trans Union LLC	90522526	TRUVALIDATE
Trans Union LLC	5629760	RESIDENTSCORE
Trans Union LLC	4833827	TRANSUNION TU (surrounded partial circle to right and above word)
Trans Union LLC	4833826	TU (SURROUNDED BY A PARTIAL CIRCLE)
Trans Union LLC	4372195	TRANSUNION TRUERISK
Trans Union LLC	4710394	TRANSUNION MORTGAGE RISK METRICS
Trans Union LLC	3572992	TRANSUNION DIRECT
Trans Union LLC	4836125	TRANSUNION DECISIONEDGE
Trans Union LLC	2719079	TRANSUNION
Trans Union LLC	3017029	TRANSUNION
Trans Union LLC	2816209	TRANSUNION
Trans Union LLC	2816208	TRANSUNION
Trans Union LLC	2748248	TOTAL ID
Trans Union LLC	4003723	INTELLIGENCE IN AN INSTANT
Trans Union LLC	5709952	INFORMATION FOR GOOD
Trans Union LLC	3350475	IDENTITY MANAGER VERIFICATION
Trans Union LLC	4235193	CREDITVISION
Trans Union LLC	5481740	IDVISION

Trans Union LLC	5201081	TRANSUNION DRIVER SEARCH
Trans Union LLC	5418685	PRAMA
Trans Union LLC	5176936	GREATER REACH. GREATER CERTAINTY
Trans Union LLC	924279	TRANS UNION
Trans Union LLC	5126032	RESIDENTID
Trans Union LLC	4788707	RESIDENTVISION
Trans Union LLC	4673297	RESIDENTCREDIT
Trans Union LLC	0917889	TRANS UNION
Trans Union LLC	0918250	CRONUS
Trans Union LLC	2785684	T
Trans Union LLC	2790484	T
Trans Union LLC	2818884	T
Trans Union LLC	2827011	T
Trans Union LLC	4933950	ADFUEL
Trans Union LLC	4948054	MAKE THE RIGHT IMPRESSION
Trans Union LLC	5027694	ADSURETY
TransUnion Healthcare, Inc.	5831229	ESCAN ANALYTICS
TransUnion Healthcare, Inc.	5581798	REVENUE PROTECTION
TransUnion Healthcare, Inc.	5434332	TRANSUNION PRIOR AUTH LIBRARY
TransUnion Healthcare, Inc.	4051939	ESCAN DATA SYSTEMS INC and Design
TransUnion Healthcare, Inc.	3908658	ESCAN
TransUnion Healthcare, Inc.	5607555	THE PATIENT IS THE NEW PAYER
TransUnion Healthcare, Inc.	5563383	SMARTQ
TransUnion Healthcare, Inc.	88070185	ACCELERATED DISCOVERY
TransUnion Interactive, Inc.	5940392	CREDITVIEW DASHBOARD
TransUnion Interactive, Inc.	5916137	MYTRANSUNION
TransUnion Interactive, Inc.	5636818	MYTRUEIDENTITY

TransUnion Interactive, Inc.	5746276	TRUEIDENTITY
TransUnion Interactive, Inc.	4985247	MORTGEDGE
TransUnion Interactive, Inc.	5740013	ON THE ROAD TO GREAT CREDIT
TransUnion Interactive, Inc.	3794587	ZENDOUGH
TransUnion Interactive, Inc.	2718984	TRUECREDIT (Stylized)
TransUnion Interactive, Inc.	2771771	TRUECREDIT
TransUnion Interactive, Inc.	2693156	MISCELLANEOUS DESIGN (SMILEY FACE)
TransUnion Interactive, Inc.	5496075	CREDIT LOCK PLUS POWERED BY MULTI-BUREAU LOCK
TransUnion Interactive, Inc.	5496074	CREDIT LOCK PLUS
TransUnion Interactive, Inc.	5445340	MULTI-BUREAU LOCK
TransUnion Interactive, Inc.	2498281	MANAGE YOUR CREDIT. MANAGE YOUR LIFE.
TransUnion Interactive, Inc.	6009068	CREDITCOMPASS
TransUnion Rental Screening Solutions, Inc.	2577391	CREDITRETRIEVER
TransUnion Rental Screening Solutions, Inc.	4948068	SMARTMOVE
TransUnion Rental Screening Solutions, Inc.	4907200	SMARTMOVE
TransUnion Rental Screening Solutions, Inc.	3715604	SMARTMOVE
TransUnion Rental Screening Solutions, Inc.	5060214	GREAT REPORTS. GREAT CONVENIENCE. GREAT TENANTS.
TransUnion Rental Screening Solutions, Inc.	6075361	SHAREABLE
Transunion Risk and Alternative Data Solutions, Inc.	6034173	IT'S GOING TO BE MUCH LESS SAFE TO BE DISHONEST
Transunion Risk and Alternative Data Solutions, Inc.	3977605	TLOxp
Tru Optik Data Corp.	4698560	TRU OPTIK
NeuStar Information Services, Inc.	4331304	ACCOUNTLINK
NeuStar Information Services, Inc.	3769527	ADADVISOR
NeuStar Data Services, Inc.	2729224	AMACAI
TrustID, Inc.	4298178	Circle Logo

Neustar, Inc.	5375646	DECISION NAVIGATOR
NeuStar Information Services, Inc.	3547679	ELEMENTONE
Neustar, Inc.	90145200	FABRICK
Neustar, Inc.	90145258	FABRICK
Neustar, Inc.	90145281	FABRICK
Neustar, Inc.	90145302	FABRICK
Neustar, Inc.	5000299	FRAUD ID
Neustar, Inc.	4731740	NEUSENTRY
Neustar, Inc.	4773396	REAL INTELLIGENCE. BETTER DECISIONS.
Neustar IP Intelligence, Inc.	2802768	GEOPOINT
Neustar IP Intelligence, Inc.	6479975	ULTRAREPUTATION
Neustar IP Intelligence, Inc.	88889304	ULTRAGEOPOINT
NeuStar Information Services, Inc.	3541072	ITACT
NeuStar Information Services, Inc.	3996115	INFOZONE
NeuStar Data Services, Inc.	3331430	LOCALEZE
MarketShare Partners, LLC	4718797	MARKETSHARE
MarketShare Partners, LLC	4718798	MARKETSHARE & Design
MarketShare Partners, LLC	5188970	"MARKETSHARE DECISIONCLOUD & Design"
Neustar, Inc.	2525756	NEUSTAR
Neustar, Inc.	3343135	NEUSTAR
Neustar, Inc.	3035697	NEUSTAR
Neustar, Inc.	3773538	NEUSTAR
Neustar, Inc.	3872035	NEUSTAR (Stylized)
Neustar, Inc.	90145216	NEUSTAR FABRICK
Neustar, Inc.	90145271	NEUSTAR FABRICK
Neustar, Inc.	90145288	NEUSTAR FABRICK
Neustar, Inc.	90144758	NEUSTAR FABRICK

NeuStar Data Services, Inc.	3203185	NEW MOVERS ON DEMAND
Neustar, Inc.	2510765	NUMBERMANAGER
Neustar, Inc.	2673290	NUMERITRACK
NeuStar Information Services, Inc.	3578177	ON-DEMAND VERIFICATION
Neustar, Inc.	6309341	ONEID
Neustar, Inc.	2742250	ONEID
Neustar, Inc.	87427187	ONEID
NeuStar Information Services, Inc.	4293333	PAGEADVISOR
Neustar, Inc.	4761430	PLATFORMONE
Neustar, Inc.	4998708	PLATFORMONE
Neustar IP Intelligence, Inc.	2564337	QUOVA
Neustar, Inc.	3252515	SIP-IX
NeuStar Information Services, Inc.	2659443	TARGUSINFO
TrustID, Inc.	4231592	TELEPHONE FIREWALL
TrustID, Inc.	5668314	TRUSTED CALLER FLOW
Neustar, Inc.	2912308	TRUSTED TO BRING NETWORKS TOGETHER
TrustID, Inc.	5762337	TRUSTID
Neustar, Inc.	3179222	WEBMETRICS
Sontiq, Inc.	5215366	CYBERSCOUT
Sontiq, Inc.	4756999	NOTIFICATION NAVIGATOR
Sontiq, Inc.	4347916	FRAUDSCOUT
Sontiq, Inc.	4365738	DATARISKSTAGES
Sontiq, Inc.	4104155	LIFESTAGES
Sontiq, Inc.	2709171	EZ SHIELD CHECK FRAUD PROTECTION PROGRAM  EZShield Check Fraud Protection
Sontiq, Inc.	3780752	EZSHIELD
Sontiq, Inc.	4752314	END2END DEFENSE

Sontiq, Inc.	4530092	TRIPLE LAYER DEFENSE SYSTEM
Sontiq, Inc.	2774601	EZ 
Sontiq, Inc.	5985175	Breach Clarity
Sontiq, Inc.	6067426	
Sontiq, Inc.	6132077	Breach Clarity Score
Sontiq, Inc.	4967445	ID 
Sontiq, Inc.	4677388	IdentityForce.  IdentityForce.™
Sontiq, Inc.	5878337	IDENTITYFORCE
Sontiq, Inc.	6465389	
Sontiq, Inc.	6156169	EZSHIELD LOGO (BLACK AND WHITE) 
Sontiq, Inc.	90547880	REPIQ
Sontiq, Inc.	88670940	Breach Intelligence Network
Sontiq, Inc.	88670932	BreachedID
Sontiq, Inc.	90000658	
Sontiq, Inc.	88288758	SONTIQ
Sontiq, Inc.	88982685	SONTIQ

