

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM447870

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT OF THE ENTIRE INTEREST AND THE GOODWILL		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
Ixia		09/26/2017	Corporation: CALIFORNIA
RECEIVING PARTY DATA			
Name:	Keysight Technologies, Inc.		
Street Address:	1400 Fountaingrove Parkway		
City:	Santa Rosa		
State/Country:	CALIFORNIA		
Postal Code:	95403		
Entity Type:	Corporation: DELAWARE		
PROPERTY NUMBERS Total: 52			
Property Type	Number	Word Mark	
Registration Number:	3397021	APTIXIA	
Registration Number:	2630027	BRIGHT IDEAS BUILT FOR SPEED	
Registration Number:	2297537	CATAPULT COMMUNICATIONS	
Registration Number:	1503690	CHAMELEON	
Serial Number:	87029404	CLOUDLENS	
Serial Number:	87470471	CLOUDLENS	
Serial Number:	87234836	CLOUDSTORM	
Serial Number:	87178649	CLOUDTAP	
Registration Number:	2571829	DCT2000	
Serial Number:	87031627	ELASTICVISION	
Registration Number:	4085080	ENABLING A CONVERGED WORLD	
Registration Number:	4760859	FIRESTORM	
Serial Number:	86888593	HAWKEYE	
Serial Number:	87268959	IBYPASS	
Registration Number:	4151381	IMPAIRNET	
Registration Number:	3370247	ITAP	
Registration Number:	3966464	IXCATAPULT	
Registration Number:	2974112	IXCHARIOT	
Registration Number:	2392826	IXEXPLORER	

OP \$1315.00 3397021

Property Type	Number	Word Mark
Serial Number:	86415900	IXFLOW
Registration Number:	2616682	IXIA
Registration Number:	3828628	IXIA
Registration Number:	4469585	IXIA
Registration Number:	3354915	IXLOAD
Registration Number:	3278962	IXNETWORK
Registration Number:	5035810	IXVERIWAVE
Registration Number:	2449799	MGTS
Registration Number:	2311797	
Registration Number:	3489272	
Registration Number:	2619669	NETOPTICS
Registration Number:	2616594	NETOPTICS
Serial Number:	86885426	NOVUS
Registration Number:	2654846	OPTIXIA
Registration Number:	4672648	PERFECTSTORM
Registration Number:	2594810	QCHECK
Registration Number:	4700429	RACKSIM
Registration Number:	3248026	REAL WORLD TRAFFIC
Registration Number:	3522436	REGENERATION TAP
Serial Number:	86972499	SECURITY FABRIC
Registration Number:	2619668	TAP INTO YOUR NETWORK
Registration Number:	5092125	THREATARMOR
Serial Number:	86783720	THREATARMOR
Registration Number:	5257513	TRAFFICREWIND
Serial Number:	87477651	VISION
Serial Number:	86903143	VISION EDGE
Serial Number:	86903147	VISION ONE
Registration Number:	4091962	XCELLON
Registration Number:	4088784	XCELLON-FLEX
Registration Number:	4088854	XCELLON-LAVA
Registration Number:	4580904	XCELLON-MULTIS
Registration Number:	4088785	XCELLON-ULTRA
Registration Number:	4119489	XDENSITY

CORRESPONDENCE DATA

Fax Number: 3034732720

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: (303) 473-2710

Email: docket@hollandhart.com
Correspondent Name: Scott Havlick
Address Line 1: Holland & Hart LLP
Address Line 2: P.O. Box 8749
Address Line 4: Denver, COLORADO 80201

NAME OF SUBMITTER: Scott Havlick

SIGNATURE: /SCOTT HAVLICK/

DATE SIGNED: 10/19/2017

Total Attachments: 13

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TRADEMARK ASSIGNMENT

This assignment of trademark, trade name and service mark rights ("Trademark Assignment"), effective October 1, 2017 (the "Effective Date"), by and between Ixia, a corporation duly organized and existing under the laws of the State of California having a business address at 26601 W. Agoura Road, Calabasas, California 91302, United States of America ("Assignor") and Keysight Technologies, Inc., a corporation duly organized and existing under the laws of the State of Delaware having a business address at 1400 Fountaingrove Parkway, Santa Rosa, California 95403, United States of America ("Assignee").

WHEREAS, Assignor is the owner of the trademark applications and registrations listed on the attached Schedule A ("Trademarks");

WHEREAS, Assignee seeks to acquire the entire right, title and interest in and to the Trademarks, together with the goodwill of the business associated with and symbolized by the Trademarks;

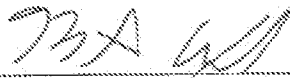
NOW, THEREFORE, for and in consideration of the above Recitals, One Hundred U.S. Dollar (\$100.00 USD), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor hereby sells, assigns and transfers to Assignee, its successors and assigns, all of the present and future right, title and interest to the Trademarks, both registered and unregistered, together with the goodwill of the business associated with and symbolized by the Trademarks, and together with the right to sue for past infringement and to collect all damages or profits for past infringement, dilution, unfair competition and counterfeiting of the Trademarks for its own use and benefits, except for an assignment to a successor to the business of the applicant, or portion thereof, to which the mark pertains, if that

business is ongoing and existing. Assignor further transfers, assigns, and sets over unto Assignee, its successors and assigns, all of Assignor's right, title and interest in, to and under all existing license agreements between Assignor and third parties related to the Trademarks.

IN WITNESS WHEREOF, the Assignor and the Assignee have caused this Assignment to be executed by their authorized representatives.

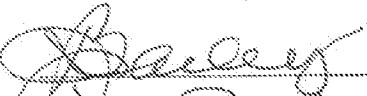
Ixia

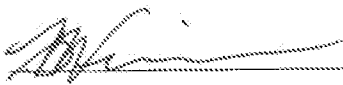
Dated: 26 Sep 2017

Signed: 

Name: Matthew S. Alexander
Title: Senior Vice President, General Counsel, and
Corporate Secretary

WITNESSES:

1. 
Name: Dan Bailey
Address: 90 Ixia
26601 Agoura Rd
Calabasas, CA USA

2. 
Name: Viv Weinman
Address: 90 Ixia
26601 Agoura Rd.
Calabasas, CA
USA

STATE OF _____ :

_____ :

COUNTY OF _____ :

On _____, 2017, before me, _____, Notary Public, personally appeared _____, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of _____ that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Notary Public

Sealed Instrument
Acknowledged

ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of Los Angeles)

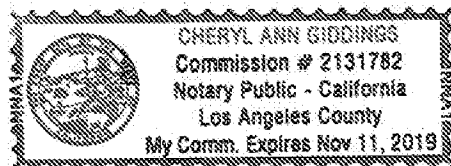
On September 26, 2017 before me, Cheryl Ann Giddings, Notary Public
(insert name and title of the officer)

personally appeared Matthew S. Alexander
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

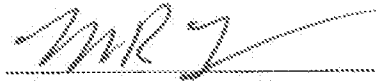
Signature Cheryl Ann Giddings (Seal)



ACCEPTED AND ACKNOWLEDGED:

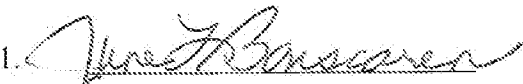
Keysight Technologies, Inc.

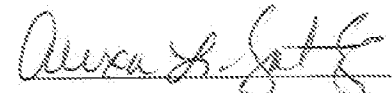
Dated: 28 Sep 2017

Signed: 

Name: Marc R. Mayer
Title: Director of Intellectual Property

WITNESSES:

1. 
Name: June L. Boscareo
Op Keysight Technologies
Address: 900 South Taft Ave
Loveland, CO 80537

2. 
Name: Alexa L. Goltz
Op Keysight Technologies
Address: 900 South Taft Ave.
Loveland, CO 80537

STATE OF Colorado :


:

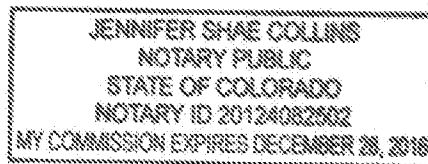
COUNTY OF Larimer :

On September 28, 2017, before me, Jennifer Shae Collins, Notary Public, personally appeared Marc R Mayer, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of Colorado that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.


Notary Public



SCHEDULE A TO TRADEMARK ASSIGNMENT

INTERNATIONAL TRADEMARKS				
Country	Mark	Application No.	Registration No.	Class
Australia	NET OPTICS	1388410	1388410	9
Canada	CATAPULT COMMUNICATIONS and Design	1194796	TMA658258	9
Canada	HAWKEYE	1765268		9
Canada	IMPAIRNET	1521088	TMA896118	9
Canada	IXCATAPULT	1505023	TMA831560	9
Canada	IXFLOW	1696941	TMA918078	9
Canada	IXIA	1325422	TMA797802	9, 41, 42
Canada	IXIA (Stylized)	1626610	TMA929621	9, 38, 42
Canada	IXVERIWAVE	1765019		9
Canada	Flower Design (Ixia Logo)	1325454	TMA710728	9, 41, 42
Canada	N2X	1235445	TMA713823	9
Canada	NOVUS	1716315		9
Canada	PERFECTSTORM	1642804	TMA933873	9
Canada	THREAT ARMOR	1730833		9
Canada	THREATARMOR	1745497		9
Canada	THREATARMOR	1745498		9
Canada	THREATARMOR & Design (stacked)	1750288		9
Canada	THREATARMOR & Design (horizontal)	1750289		9
Canada	VISION EDGE	1767236		9
Canada	VISION ONE	1767237		9
Canada	XCELLON	1498710	TMA862717	
Canada	XDENSITY	1511985	TMA910389	9
China	APTIXA	5742491	5742491	9
China	ENABLING A CONVERGED WORLD	9096136	9096136	9
China	HAWKEYE	19041732		9
China	IMPAIRNET	9277712	9277712	9
China	IXCATAPULT	8838238	8838238	9
China	IXCHARIOT	5742413	5742413	9
China	IXCLOUDPERF	11619746	11619746	9
China	IXEXPLORER	8183509	8183509	9
China	IXFLOW	15715845	15715845	9
China	IXIA	5742412	5742412	9
China	IXIA	5742493	5742493	42
China	IXIA (Stylized)	12585149	12585149	9
China	IXIA (Stylized)	12585150	12585150	42
China	IXIA NOVUS	20239478		9
China	IXLOAD	5742494	5742494	9

INTERNATIONAL TRADEMARKS				
Country	Mark	Application No.	Registration No.	Class
China	IXN2X	8183506	8183506	9
China	IXNETWORK	5742455	5742455	9
China	IXVERIWAVE	18999834	18999834	9
China	Flower Design (Ixia Logo)	5742415	5742415	9
China	Flower Design (Ixia Logo)	5742492	5742492	42
China	N2X	4363918	4363918	9
China	NET OPTICS (Stylized)	9116914	9116914	9
China	NOVUS	16417685		9
China	OPTIXIA	5742414	5742414	9
China	PERFECTSTORM	13215738	13215738	9
China	RACKSIM	12544722	12544722	9
China	SECURITY FABRIC	19612577	19612577	9
China	THREAT ARMOR	17108895	17108895	9
China	THREATARMOR	17766526	17766526	9
China	THREATARMOR	17766525	17766525	9
China	THREATARMOR & Design (horizontal)	18041945		9
China	THREATARMOR & Design (stacked)	18041944		9
China	VISION EDGE	19106997	19106997	9
China	XCELLON	8732267	8732267	9
China	XDENSITY	9077525	9077525	9
European Union	CLOUDLENS	015417082	015417082	9
European Union	ELASTICVISION	015421621	015421621	9
European Union	ENABLING A CONVERGED WORLD	009687741	009687741	9
European Union	HAWKEYE	015051361	015051361	9
European Union	IMPAIRNET	009846627	009846627	9
European Union	ITAP	004608865	004608865	9
European Union	IXCATAPULT	009516899	009516899	9
European Union	IXCHARIOT	005426655	005426655	9
European Union	IXCLOUDPERF	011274693	011274693	9
European Union	IXFLOW	013340294	013340294	9
European Union	IXIA	1861855	1861855	9
European Union	IXIA	005426382	005426382	41,42
European Union	IXIA (Stylized)	011816535	011816535	9, 42
European Union	IXIA IXNETWORK	005869854	005869854	9
European Union	IXLOAD	005426671	005426671	9
European Union	IXVERIWAVE	015051311	015051311	9
European Union	Flower Design (Ixia Logo)	002538726	002538726	9
European Union	NET OPTICS and Design	011153764	011153764	9
European Union	NOVUS	013762265	013762265	9
European Union	OPTIXIA	002045987	002045987	9
European Union	PERFECTSTORM	012127874	012127874	9
European Union	RACKISM	011801974	011801974	9

INTERNATIONAL TRADEMARKS				
Country	Mark	Application No.	Registration No.	Class
European Union	SECURITY FABRIC	015330848	015330848	9
European Union	THREAT ARMOR	014191936	014191936	9
European Union	THREATARMOR & Design (horizontal)	014658298	014658298	9
European Union	TRAFFICREWIND	015455488	015455488	9
European Union	TRUSYNC	012048633	012048633	9
European Union	VISION EDGE	015096209	015096209	9
European Union	VISION ONE	015096233	015096233	9
European Union	XCELLON	009428566	009428566	9
European Union	XDENSITY	009674508	009674508	9
European Union	ZERO DELAY	004467999	004467999	9
India	ENABLING A CONVERGED WORLD	2091363		9
India	HAWKEYE	3175733	3175733	9
India	IMPAIRNET	2124438		9
India	IXCATAPULT	2053779	2053779	9
India	IXCHARIOT	1503034	1503034	9
India	IXFLOW	2825585		9
India	IXIA	1503020	1503020	42
India	IXIA	1503031	1503031	9
India	IXIA (Stylized)	2535202	2535202	9, 42
India	IXLOAD	1503023	1503023	9
India	IXNETWORK	1503024		9
India	IXVERIWAVE	3172311	3172311	9
India	PERFECTSTORM	2596107		9
India	THREAT ARMOR	2981965		9
India	THREATARMOR & Design (stacked)	3084306		9
India	XCELLON	2036118	2036118	9
India	XDENSITY	2089788	2089788	9
Israel	ENABLING A CONVERGED WORLD	235315	235315	9
Israel	HAWKEYE	282316	282316	9
Israel	IMPAIRNET	236711	236711	9
Israel	IXCATAPULT	233632	233632	9
Israel	IXCLOUDPERF	250182	250182	9
Israel	IXFLOW	268723	268723	9
Israel	IXIA	194881	194881	42
Israel	IXIA	194879	194879	9
Israel	IXIA (Stylized)	255779	255779	9, 42
Israel	IXVERIWAVE	282317		9
Israel	NET OPTICS	233807	233807	9
Israel	NOVUS	272540		9
Israel	PERFECTSTORM	258898	258898	9
Israel	THREAT ARMOR	275113	275113	9
Israel	THREATARMOR & Design	278792	278792	9

INTERNATIONAL TRADEMARKS				
Country	Mark	Application No.	Registration No.	Class
	(stacked)			
Israel	VISION EDGE	282624		9
Israel	VISION ONE	282625		9
Israel	XCELLON	232925	232925	9
Israel	XDENSITY	235142	235142	9
Japan	ENABLING A CONVERGED WORLD	2011-004637	5420993	9
Japan	IMPAIRNET	2011-021791	5434724	9
Japan	IXCATAPULT	2010-088143	5431419	9
Japan	IXCHARIOT	2006-100324	5066666	9
Japan	IXCLOUDPERF	2012-084176	5568154	9
Japan	IXFLOW	2014-084353	5737359	9
Japan	IXIA	2006-100795	5140191	9, 42
Japan	IXIA (Stylized)	2013-036280	5663274	9, 37, 42
Japan	IXIA HAWKEYE	2016-011166	5864986	9
Japan	IXIA NOVUS	2015-067128	5810915	9
Japan	IXLOAD	2006-100325	5070312	9
Japan	IXNETWORK	2006-100326	5231205	9
Japan	IXVERIWAVE	2016-007784	5857436	9
Japan	Flower Design (Ixia Logo)	2006-100796	5092279	9, 42
Japan	OPTIXIA	2006-100797	5092280	9
Japan	PERFECTSTORM	2013-070473	5642462	9
Japan	SECURITY FABRIC	2016-042203	5890662	9
Japan	THREAT ARMOR	2015-052042	5807714	9
Japan	THREATARMOR & Design (horizontal)	2015-098869	5830024	9
Japan	TRUSYNC	2013-061527	5643550	9
Japan	VISION EDGE	2016-015204	5863213	9
Japan	VISION ONE	2016-015205	5863214	9
Japan	XCELLON	2010-078744	5439081	9
Japan	XDENSITY	2011-003468	5422336	9
Japan	ZERO DELAY	2005-050110	4898885	9
Singapore	NET OPTICS	T1013701A	T1013701A	9
South Korea	ENABLING A CONVERGED WORLD	40-2011-4442	40-911186	9
South Korea	HAWKEYE	40-2016-7110	40-1205396	9
South Korea	IMPAIRNET	40-2011-16036	40-909555	9
South Korea	IXCATAPULT	40-2010-58114	40-906100	9
South Korea	IXCLOUDPERF	40-2012-64814	40-1014226	9
South Korea	IXFLOW	40-2014-67103	40-1105415	9
South Korea	IXIA	45-2006-4015	45-28026	9, 38, 42
South Korea	IXIA (Stylized)	45-2013-2755	45-51741	9
South Korea	IXVERIWAVE	40-2016-6306	40-1205393	9
South Korea	Flower Design (Ixia Logo)	45-2006-4016	45-23010	9, 41, 42
South Korea	NOVUS	40-2015-13394	40-1134002	9
South Korea	PERFECTSTORM	40-2013-60861	40-1047496	9
South Korea	THREAT ARMOR	40-2015-40608	40-1150564	9

INTERNATIONAL TRADEMARKS				
Country	Mark	Application No.	Registration No.	Class
South Korea	THREATARMOR & Design (horizontal)	40-2015-75032	40-1181028	9
South Korea	THREATARMOR & Design (stacked)	40-2015-75033	40-1181029	9
South Korea	TRUSYNC	40-2013-53238	40-1048203	9
South Korea	VISION EDGE	40-2016-10344	40-1212968	9
South Korea	VISION ONE	40-2016-10345	40-1212969	9
South Korea	XDENSITY	40-2011-3646	40-906643	9
Switzerland	NET OPTICS	62503/2010	612377	9
Taiwan	IXCLOUDPERF	101060106	1596368	9
Taiwan	IXFLOW	103058053	1709600	9
Taiwan	IXIA	101062531	1614496	9
Taiwan	IXIA (Stylized)	102025499	1672054	9, 42
Taiwan	IXIA NOVUS	105037970	1818554	9
Taiwan	IXVERIWAVE	105005218	1791212	9
Taiwan	Flower Design (Ixia Logo)	101062535	1614497	9
Taiwan	PERFECTSTORM	102050651	1642669	9
Taiwan	SECURITY FABRIC	105020277	1803412	9
Taiwan	THREAT ARMOR	104031360	1743725	9
Taiwan	THREATARMOR	104052051	1769205	9
Taiwan	THREATARMOR	104052049	1769204	9
Taiwan	THREATARMOR & Design (stacked inverted)	104060359	1774194	9
Taiwan	THREATARMOR & Design (horizontal inverted)	104060360	1774195	9
Taiwan	TRUSYNC	102043379	1634312	9
Taiwan	VISION EDGE	105008050	1791233	9
Taiwan	VISION ONE	105008051	1791234	9

U.S. TRADEMARKS				
Mark	Application No.	Registration No.	Class	
APTIXIA	77/028,295	3397021	9	
BRIGHT IDEAS BUILT FOR SPEED	76/085,659	2630027	9	
CATAPULT COMMUNICATIONS and Design	75/452,426	2297537	9, 41	
CHAMELEON	73/690,283	1503690	9	
CLOUDLENS	87/029,404		9	
CLOUDLENS	87/470,471		42	
CLOUDSTORM	87/234,836		9	
CLOUDTAP	87/178,649		9	
DCT2000	75/670,809	2571829	9	
ELASTICVISION	87/031,627		9	
ENABLING A CONVERGED WORLD	85/226,077	4085080	9	

U.S. TRADEMARKS			
Mark	Application No.	Registration No.	Class
FIRESTORM	86/014,476	4760859	9, 42
HAWKEYE	86/888,593		9
IBYPASS	87/268,959		9
IMPAIRNET	85/278,307	4151381	9
ITAP	78/579,781	3370247	9
IXCATAPULT	85/183,325	3966464	9
IXCHARIOT	78/324,583	2974112	9
IEXPLORER	75/632,232	2392826	9
IXFLOW	86/415,900		9
IXIA	76/109,658	2616682	9
IXIA	77/028,237	3828628	41, 42
IXIA (Stylized)	85/930,701	4469585	9, 42
IXLOAD	77/028,244	3354915	9
IXNETWORK	77/028,282	3278962	9
IXVERIWAVE	86/886,554	5035810	9
MGTS	75/640,369	2449799	9
Flower Design (Ixia Logo)	75/630,135	2311797	9
Flower Design (Ixia Logo)	77/028,268	3489272	41, 42
NET OPTICS and Design	76/085,660	2619669	9
NETOPTICS	76/085,922	2616594	9
NOVUS	86/885,426		9
OPTIXIA	76/109,657	2654846	9
PERFECTSTORM	86/059,346	4672648	9
QCHECK	75/719,516	2594810	9
RACKSIM	85/924,976	4700429	9
REAL WORLD TRAFFIC	78/141,014	3248026	9
REGENERATION TAP	78/529,184	3,522,436	9
SECURITY FABRIC	86/972,499		9
TAP INTO YOUR NETWORK	76/085,658	2619668	9
THREATARMOR	86/647,735	5092125	9
THREATARMOR & Design (stacked)	86/783,720		9
TRAFFICREWIND	87/041,318	5257513	9
VISION	87/477,651		9
VISION EDGE	86/903,143		9
VISION ONE	86/903,147		9
XCELLON	85/145,976	4091962	9
XCELLON-FLEX	85/145,980	4088784	9
XCELLON-LAVA	85/159,355	4088854	9
XCELLON-MULTIS	85/778,478	4580904	9
XCELLON-ULTRA	85/145,982	4088785	9
XDENSITY	85/221,806	4119489	9

