

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM424722

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	RELEASE OF SECURITY INTEREST		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>	<b>Formerly</b>	<b>Execution Date</b>	<b>Entity Type</b>
SILICON VALLEY BANK, AS SUCCESSOR ADMINISTRATIVE AGENT		04/17/2017	National Banking Association: CALIFORNIA
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	IXIA		
<b>Street Address:</b>	26601 W. Agoura Road		
<b>City:</b>	Calabasas		
<b>State/Country:</b>	CALIFORNIA		
<b>Postal Code:</b>	91302		
<b>Entity Type:</b>	Corporation: CALIFORNIA		
<b>PROPERTY NUMBERS Total: 40</b>			
<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>	
<b>Serial Number:</b>	85778478	XCELLON-MULTIS	
<b>Serial Number:</b>	85756114	IXCLOUDPERF	
<b>Serial Number:</b>	85278307	IMPAIRNET	
<b>Serial Number:</b>	85226077	ENABLING A CONVERGED WORLD	
<b>Serial Number:</b>	85221806	XDENSITY	
<b>Serial Number:</b>	85183325	IXCATAPULT	
<b>Serial Number:</b>	85159355	XCELLON-LAVA	
<b>Serial Number:</b>	85145976	XCELLON	
<b>Serial Number:</b>	85145980	XCELLON-FLEX	
<b>Serial Number:</b>	85145982	XCELLON-ULTRA	
<b>Serial Number:</b>	77727708	TESTTALK	
<b>Serial Number:</b>	77028282	IXNETWORK	
<b>Serial Number:</b>	77028244	IXLOAD	
<b>Serial Number:</b>	77028237	IXIA	
<b>Serial Number:</b>	77028295	APTIXIA	
<b>Serial Number:</b>	77028268		
<b>Serial Number:</b>	78324583	IXCHARIOT	
<b>Serial Number:</b>	78152276	VERIWAVE	

CH \$1015.00 85778478

TRADEMARK

Property Type	Number	Word Mark
Serial Number:	78141014	REAL WORLD TRAFFIC
Serial Number:	76375974	IXPROFILE
Serial Number:	76375893	IXEDGE
Serial Number:	76109657	OPTIXIA
Serial Number:	76109658	IXIA
Serial Number:	75719516	QCHECK
Serial Number:	75670809	DCT2000
Serial Number:	75640369	MGTS
Serial Number:	75632232	IXEXPLORER
Serial Number:	75630135	
Serial Number:	75452426	CATAPULT COMMUNICATIONS
Serial Number:	73690283	CHAMELEON
Serial Number:	86415900	IXFLOW
Serial Number:	86059346	PERFECTSTORM
Serial Number:	86014475	STORM
Serial Number:	86014476	FIRESTORM
Serial Number:	85930701	IXIA
Serial Number:	85924976	RACKSIM
Serial Number:	86541553	NOVUS
Serial Number:	86536953	VELOCE
Serial Number:	78427201	N2X
Serial Number:	77558348	TESLA ALLIANCE

**CORRESPONDENCE DATA**

**Fax Number:** 3142592000

*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:** 3142592000

**Email:** bcipdocketing@bryancave.com

**Correspondent Name:** Bryan Cave LLP

**Address Line 1:** 211 North Broadway, Suite 3600

**Address Line 4:** St. Louis, MISSOURI 63102

<b>ATTORNEY DOCKET NUMBER:</b>	SVB Ixia 0379082
<b>NAME OF SUBMITTER:</b>	Harold R. Burroughs
<b>SIGNATURE:</b>	/Harold R. Burroughs/
<b>DATE SIGNED:</b>	04/24/2017

**Total Attachments: 11**

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## TRADEMARK RELEASE

THIS TRADEMARK RELEASE is made as of April 17, 2017 by Silicon Valley Bank, successor to Bank of America, N.A. in its capacity as administrative agent for the Secured Parties (in such capacity, the "Administrative Agent") pursuant to the Security and Pledge Agreement, dated as of December 21, 2012 among Ixia, the Grantors party thereto and the Administrative Agent for the Secured Parties referenced therein (as amended, amended and restated, supplemented or otherwise modified from time to time, the "Security Agreement"). Capitalized terms used but not defined herein shall have the same meanings assigned to such terms in the Security Agreement.

### W I T N E S S E T H:

WHEREAS, Ixia, a California corporation (the "Grantor"), certain of its affiliates and Administrative Agent are parties to the Security Agreement;

WHEREAS, pursuant to the Security Agreement, the Grantor was required to execute and deliver a Notice of Grant of Security Interest in Trademarks (the "Trademark Security Agreement") and a supplemental Notice of Grant of Security Interest in Trademarks (the "Supplemental Trademark Security Agreement") to the Administrative Agent for purposes of filing with the United States Patent and Trademark Office (the "USPTO");

WHEREAS, pursuant to the Security Agreement, the Trademark Security Agreement and the Supplemental Trademark Security Agreement, the Grantor granted to the Administrative Agent, for the benefit of the Secured Parties, among other collateral as set forth therein, a continuing security interest in and lien on all of the Grantor's right, title and interest, including goodwill in the Trademark Collateral (as defined below)) as security for certain obligations owed by the Grantor to the Secured Parties;

WHEREAS, the Trademark Security Agreement was recorded by the USPTO on January 25, 2013, at Reel 4949, Frame 0058, and the Supplemental Trademark Security Agreement was recorded by the USPTO on March 3, 2015, at Reel 5470, Frame 0355; and

WHEREAS, the Grantor has requested that the Administrative Agent release its security interest in and lien on the Trademark Collateral.

NOW THEREFORE, for good and valuable consideration, receipt and sufficiency of which are hereby acknowledged:

1. The Administrative Agent, on behalf of the Secured Parties, hereby irrevocably releases, terminates, cancels and forever discharges, without recourse, undertaking, representation or warranty of any kind, all of its security interest in and lien on all Trademarks and trademark applications, including, without limitation, those referred to on Schedule 1 hereto, the goodwill associated with such Trademarks and the right to receive all Proceeds therefrom, in each case arising under the Security Agreement, the Trademark Security Agreement or the Supplemental Trademark Security Agreement (collectively, the "Trademark Collateral"), and

any and all other security interests or liens that the Administrative Agent or its predecessors, successors, assigns and transferees may have in or on the Trademark Collateral.

2. The Administrative Agent hereby authorizes and requests that the USPTO and any successor office or any similar office in any other country note and record the release hereby given and any other filings necessary to evidence the release and termination of the Administrative Agent's rights with respect to the Trademark Collateral.

3. The Administrative Agent agrees to take all further actions, and provide to the Grantor and its successors, assigns or other legal representatives, all such cooperation and assistance (including, without limitation, the execution and delivery of any and all documents or other instruments), reasonably requested by the Grantor, at the Grantor's sole cost and expense, to more fully and effectively effectuate the purposes of this release.

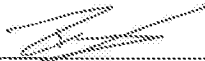
4. This release shall be governed and construed in accordance with the laws of the state of California.

5. This release shall be binding upon the Administrative Agent's successors, assigns, transferees and other legal representatives, and is made in favor of and for the benefit of the Grantor and its successors and assigns.

*[Signature Page Follows]*

IN WITNESS WHEREOF, the Administrative Agent, on behalf of the Secured Parties, has caused this Trademark Release to be executed as of the day and year first above written.

Silicon Valley Bank,  
as Administrative Agent

By:   
Name: Raj Morey  
Title: Director

Acknowledged and Agreed

**Ixia,**  
as Grantor

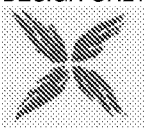
By: 

Name: Brent T. Novak



Title: Chief Financial Officer

## SCHEDULE 1

### TRADEMARKS

MARK	APP. NO./ APP. DATE	REG. NO./ REG. DATE	CURRENT OWNER	REEL/FRAME
XCELLON-MULTIS	85778478 13-NOV-2012	4580904 05-AUG-2014	IXIA	4949/58
IXCLOUDPERF	85756114 17-OCT-2012		IXIA	4949/58
IMPAIRNET	85278307 28-MAR-2011	4151381 29-MAY-2012	IXIA	4949/58
ENABLING A CONVERGED WORLD	85226077 25-JAN-2011	4085080 10-JAN-2012	IXIA	4949/58
XDENSITY	85221806 20-JAN-2011	4119489 27-MAR-2012	IXIA	4949/58
IXCATAPULT	85183325 23-NOV-2010	3966464 24-MAY-2011	IXIA	4949/58
XCELLON-LAVA	85159355 22-OCT-2010	4088854 17-JAN-2012	IXIA	4949/58
XCELLON	85145976 06-OCT-2010	4091962 24-JAN-2012	IXIA	4949/58
XCELLON-FLEX	85145980 06-OCT-2010	4088784 17-JAN-2012	IXIA	4949/58
XCELLON-ULTRA	85145982 06-OCT-2010	4088785 17-JAN-2012	IXIA	4949/58
TESTTALK (STYLIZED)	77727708 02-MAY-2009	3826165 27-JUL-2010	IXIA	4949/58
IXNETWORK	77028282 24-OCT-2006	3278962 14-AUG-2007	IXIA	4949/58
IXLOAD	77028244 24-OCT-2006	3354915 18-DEC-2007	IXIA	4949/58
IXIA	77028237 24-OCT-2006	3828628 03-AUG-2010	IXIA	4949/58
APTIXIA	77028295 24-OCT-2006	3397021 18-MAR-2008	IXIA	4949/58
DESIGN ONLY 	77028268 24-OCT-2006	3489272 19-AUG-2008	IXIA	4949/58
IXCHARIOT	78324583 07-NOV-2003	2974112 19-JUL-2005	IXIA	4949/58
VERIWAVE	78152276 08-AUG-2002	3068884 14-MAR-2006	IXIA	4949/58
REAL WORLD TRAFFIC	78141014 03-JUL-2002	3248026 29-MAY-2007	IXIA	4949/58
IXPROFILE	76375974 27-FEB-2002	3121098 25-JUL-2006	IXIA	4949/58



MARK	APP. NO. / APP. DATE	REG. NO. / REG. DATE	CURRENT OWNER	REEL/FRAME
IXEDGE <b>IXEDGE</b>	76375893 27-FEB-2002	3743521 02-FEB-2010	IXIA	4949/58
OPTIXIA	76109657 15-AUG-2000	2654846 26-NOV-2002	IXIA	4949/58
IXIA	76109658 15-AUG-2000	2616682 10-SEP-2002	IXIA	4949/58
QCHECK	75719516 02-JUN-1999	2594810 16-JUL-2002	IXIA	4949/58
DCT2000	75670809 29-MAR-1999	2571829 21-MAY-2002	IXIA	4949/58
MGTS	75640369 12-FEB-1999	2449799 08-MAY-2001	IXIA	4949/58
IXEXPLORER	75632232 02-FEB-1999	2392826 10-OCT-2000	IXIA	4949/58
DESIGN ONLY 	75630135 28-JAN-1999	2311797 25-JAN-2000	IXIA	4949/58
CATAPULT COMMUNICATIONS 	75452426 17-MAR-1998	2297537 07-DEC-1999	IXIA	4949/58
CHAMELEON	73690283 19-OCT-1987	1503690 13-SEP-1988	IXIA	4949/58
IXFLOW	86415900 06-OCT-2014	N/A	IXIA	5470/0355
PERFECTSTORM	86059346 09-SEP-2013	N/A	IXIA	5470/0355
STORM	86014475 18-JUL-2013	N/A	IXIA	5470/0355
FIRESTORM	86014476 18-JUL-2013	N/A	IXIA	5470/0355
IXIA <b>ixia</b>	85930701 13-MAY-2013	4469585 21-JAN-2014	IXIA	5470/0355
RACKSIM	85924976 07-MAY-2013	N/A	IXIA	5470/0355
NOVUS	86541553 20-FEB-2015	N/A	IXIA	5470/0355
VELOCE	86536953 17-FEB-2015	N/A	IXIA	5470/0355
N2X	1026016 20-OCT-2004	0126016 15-FEB-2007	IXIA	
CATAPULT COMMUNICATIONS AND DESIGN	1194796 27-OCT-2003	TMA 658258 7-FEB-2006	IXIA	
ENABLING A CONVERGED WORLD	1512621	N/A	IXIA	

MARK	APP. NO. / APP. DATE	REG. NO. / REG. DATE	CURRENT OWNER	REEL/FRAME
	26-JAN-2011			
IMPAIRNET	1521088 29-MAR-2011	N/A	IXIA	
IXCATAPULT	1505023 23-NOV-2010	TMA 831560 10-SEP-2012	IXIA	
IXCLOUDPERF	1598604 17-OCT-2012	N/A	IXIA	
IXIA	1325422 23-NOV-2006	TMA 797802 17-MAY-2011	IXIA	
MISCELLANEOUS FLOWER DESIGN (IXIA LOGO)	1325454 23-NOV-2006	TMA 710728 2-APR-2008	IXIA	
N2X	1235445 20-OCT-2004	TMA 713823 7-MAY-2008	IXIA	
XCELLON	1498710 6-OCT-2010	N/A	IXIA	
XDENSITY	1511985 20-JAN-2011	N/A	IXIA	
APTIXIA	5742491 23-NOV-2006	5742491 14-SEP-2009	IXIA	
ENABLING A CONVERGED WORLD	9096136 27-JAN-2011	N/A	IXIA	
IMPAIRNET	9277712 30-MAR-2011	9277712 7-APR-2012	IXIA	
IXCATAPULT	8838238 12-NOV-2010	8838238 28-NOV-2011	IXIA	
IXCHARIOT	5742413 23-NOV-2006	5742413 14-SEP-2009	IXIA	
IXCLOUDPERF	11619746 18-OCT-2012	N/A	IXIA	
IXEXPLORER	8183509 7-APR-2010	8183509 7-APR-2011	IXIA	
IXIA	5742412 23-NOV-2006	5742412 14-SEP-2009	IXIA	
IXIA	5742493 23-NOV-2006	5742493 21-JUN-2011	IXIA	
IXLOAD	5742494 23-NOV-2006	5742494 14-SEP-2009	IXIA	
IXN2X	8183506 7-APR-2010	8183506 21-JUN-2011	IXIA	
IXNETWORK	5742455 23-NOV-2006	5742455 14-SEP-2009	IXIA	
MISCELLANEOUS FLOWER DESIGN (IXIA LOGO)	5742415 23-NOV-2006	5742415 14-SEP-2009	IXIA	
MISCELLANEOUS FLOWER DESIGN (IXIA LOGO)	5742492 23-NOV-2006	5742492 28-NOV-2009	IXIA	
N2X	4363918 16-NOV-2004	4363918 28-AUG-2007	IXIA	
OPTIXIA	5742414 23-NOV-2006	5742414 14-SEP-2009	IXIA	

MARK	APP. NO. / APP. DATE	REG. NO. / REG. DATE	CURRENT OWNER	REEL/FRAME
XCELLON	8732267 12-OCT-2010	8732267 21-OCT-2011	IXIA	
XDENSITY	9077525 21-JAN-2011	9077525 28-JAN-2012	IXIA	
APTIXIA	005426622 30-OCT-2006	005426622 18-OCT-2007	IXIA	
ENABLING A CONVERGED WORLD	009687741 26-JAN-2011	009687741 5-JUL-2011	IXIA	
IMPAIRNET	009846627 28-MAR-2011	009846627 9-AUG-2011	IXIA	
IXCATAPULT	009516899 11-NOV-2010	009516899 2-MAY-2011	IXIA	
IXCHARIOT	005426655 30-OCT-2006	005426655 11-MAY-2007	IXIA	
IXCLOUDPERF	011274693 18-OCT-2012	N/A	IXIA	
IXIA	1861855 20-SEP-2000	1861855 20-SEP-2000	IXIA	
IXIA	005426382 30-OCT-2006	005426382 18-OCT-2007	IXIA	
IXIA IXNETWORK	005869854 2-MAY-2007	005869854 8-APR-2008	IXIA	
IXLOAD	005426671 30-OCT-2006	005426671 18-OCT-2007	IXIA	
MISCELLANEOUS FLOWER DESIGN (IXIA LOGO)	002538726 17-JAN-2002	002538726 17-JAN-2002	IXIA	
MISCELLANEOUS FLOWER DESIGN (IXIA LOGO)	005426598 30-OCT-2006	005426598 11-MAY-2007	IXIA	
N2X	004097441 4-NOV-2004	004097441 18-JAN-2006	IXIA	
OPTIXIA	002045987 17-JAN-2001	002045987 17-JAN-2001	IXIA	
XCELLON	009428566 6-OCT-2010	009428566 14-MAR-2011	IXIA	
XDENSITY	009674508 20-JAN-2011	009674508 27-JUN-2011	IXIA	
APTIXIA	1503022 10-NOV-2006	1503022 29-FEB-2012	IXIA	
ENABLING A CONVERGED WORLD	2091363 28-JAN-2011	N/A	IXIA	
IMPAIRNET	2124438 1-APR-2011	N/A	IXIA	
IXCATAPULT	2053779 15-NOV-2010	N/A	IXIA	
IXCHARIOT	1503034 10-NOV-2006	N/A	IXIA	
IXCLOUDPERF	0 22-OCT-2012	N/A	IXIA	
IXIA	1503020	1503020	IXIA	

MARK	APP. NO. / APP. DATE	REG. NO. / REG. DATE	CURRENT OWNER	REEL/FRAME
	10-NOV-2006	29-FEB-2012		
IXIA	1503031 10-NOV-2006	N/A	IXIA	
IXLOAD	1503023 10-NOV-2006	1503023 29-FEB-2012	IXIA	
IXNETWORK	1503024 10-NOV-2006	N/A	IXIA	
MISCELLANEOUS FLOWER DESIGN (IXIA LOGO)	1503021 10-NOV-2006	N/A	IXIA	
MISCELLANEOUS FLOWER DESIGN (IXIA LOGO)	1503032 10-NOV-2006	N/A	IXIA	
N2X	1317105 25-OCT-2004	1317105 3-DEC-2005	IXIA	
OPTIXIA	1503033 10-NOV-2006	N/A	IXIA	
XCELLON	2036118 11-OCT-2010	N/A	IXIA	
XDENSITY	2089788 25-JAN-2011	N/A	IXIA	
ENABLING A CONVERGED WORLD	235315 27-JAN-2011	235315 3-SEP-2012	IXIA	
IMPAIRNET	236711 29-MAR-2011	236711 3-SEP-2012	IXIA	
IXCATAPULT	233632 11-NOV-2010	233632 4-OCT-2011	IXIA	
IXCLOUDPERF	250182 18-OCT-2012	N/A	IXIA	
IXIA	194881 30-OCT-2006	194881 6-APR-2008	IXIA	
IXIA	194879 30-OCT-2006	194879 6-APR-2008	IXIA	
MISCELLANEOUS FLOWER DESIGN (IXIA LOGO)	194880 30-OCT-2006	194880 6-APR-2008	IXIA	
MISCELLANEOUS FLOWER DESIGN (IXIA LOGO)	194882 30-OCT-2006	194882 6-APR-2008	IXIA	
N2X	175686 20-OCT-2004	175686 5-JAN-2006	IXIA	
XCELLON	232925 7-OCT-2010	232925 4-OCT-2011	IXIA	
XDENSITY	235142 23-JAN-2011	235142 1-JAN-2012	IXIA	
APTIXIA	1003232006 27-OCT-2006	5070311 10-AUG-2007	IXIA	
ENABLING A CONVERGED WORLD	2011004637 26-JAN-2011	5420993 24-JUN-2011	IXIA	
IMPAIRNET	2011021791 29-MAR-2011	5434724 26-AUG-2011	IXIA	
IXCATAPULT	2010088143	5431419	IXIA	

MARK	APP. NO. / APP. DATE	REG. NO. / REG. DATE	CURRENT OWNER	REEL/FRAME
	12-NOV-2010	12-AUG-2011		
IXCHARIOT	1003242006 27-OCT-2006	5066666 27-JUL-2007	IXIA	
IXCLOUDPERF	2012084176 18-OCT-2012	N/A	IXIA	
IXIA	1007952006 30-OCT-2006	5140191 13-JUN-2008	IXIA	
IXLOAD	1003252006 27-OCT-2006	5070312 10-AUG-2007	IXIA	
IXNETWORK	1003262006 27-OCT-2006	5231205 15-MAY-2009	IXIA	
MISCELLANEOUS FLOWER DESIGN (IXIA LOGO)	1007962006 30-OCT-2006	5092279 16-NOV-2007	IXIA	
OPTIXIA	1007972006 30-OCT-2006	5092280 16-NOV-2007	IXIA	
XCELLON	2010-078744 8-OCT-2010	5439081 16-SEP-2011	IXIA	
XDENSITY	2011-003468 21-JAN-2011	542236 1-JUL-2011	IXIA	
N2X	93202 21-NOV-2004	93202 21-NOV-2004	IXIA	
N2X	T0417840B 20-OCT-2004	T0417840B 7-MAR-2005	IXIA	
N2X	200419204 25-OCT-2004	200419204 14-OCT-2008	IXIA	
CATAPULT COMMUNICATIONS AND DESIGN	20010003476 28-SEP-2001	456844 13-JAN-2003	IXIA	
ENABLING A CONVERGED WORLD	4020114442 26-JAN-2011	40911186 19-MAR-2012	IXIA	
IMPAIRNET	40201116036 29-MAR-2011	40909555 12-MAR-2012	IXIA	
IXCATAPULT	40201058114 11-NOV-2010	40906100 22-FEB-2012	IXIA	
IXCLOUDPERF	40201264814 18-OCT-2012	N/A	IXIA	
IXIA	4520060004015 6-NOV-2006	4528026 24-JUN-2008	IXIA	
MISCELLANEOUS FLOWER DESIGN (IXIA LOGO)	4520060004016 6-NOV-2006	23010 21-APR-2008	IXIA	
N2X	40200447791 22-OCT-2004	660604 2-MAY-2006	IXIA	
XDENSITY	4020113646 21-JAN-2011	40906643 24-FEB-2012	IXIA	
IXCLOUDPERF	101060106 23-OCT-2012	N/A	IXIA	
IXIA	101062531 2-NOV-2012	N/A	IXIA	

MARK	APP. NO. / APP. DATE	REG. NO. / REG. DATE	CURRENT OWNER	REEL/FRAME
MISCELLANEOUS FLOWER DESIGN (IXIA LOGO)	101062535 2-NOV-2012	N/A	IXIA	
N2X	93048935 22-OCT-2004	1168646 16-AUG-2005	IXIA	
N2X	78427201 28-MAY-2004	3319495 23-OCT-2007	IXIA	4949/58
TESLA ALLIANCE	77558348 28-AUG-2008		IXIA	4949/58