

## PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Gerald Pepper</td><td>11/06/2008</td></tr><tr><td>Manley Klassen</td><td>11/06/2008</td></tr></tbody></table>	Name	Execution Date	Gerald Pepper	11/06/2008	Manley Klassen	11/06/2008	
Name	Execution Date						
Gerald Pepper	11/06/2008						
Manley Klassen	11/06/2008						
RECEIVING PARTY DATA							
Name:	Ixia						
Street Address:	26601 W. Agoura Road						
City:	Calabasas						
State/Country:	CALIFORNIA						
Postal Code:	91302						
PROPERTY NUMBERS Total: 1							
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12267364</td></tr></tbody></table>	Property Type	Number	Application Number:	12267364			
Property Type	Number						
Application Number:	12267364						
CORRESPONDENCE DATA							
Fax Number:	(805)230-1355						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
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ATTORNEY DOCKET NUMBER:	I004-P08707US						
NAME OF SUBMITTER:	Terry Rozelle						
Total Attachments: 2 source=I004-P08707US signed Assignment#page1.tif source=I004-P08707US signed Assignment#page2.tif							

OP \$40.00 12267364

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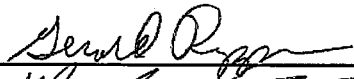
PATENT  
REEL: 021806 FRAME: 0641

# ASSIGNMENT

Names of Inventor: **(1) Gerald Pepper; (2) Manley Klassen**  
 Name of Assignee: **Ixia**  
 State of Incorporation of Assignee: **California**  
 Title of Application: **Memory Access Optimization**  
 Application No.: \_\_\_\_\_ Date of Filing of Application: \_\_\_\_\_

1. In consideration of the sum of \$1.00 and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned agree to sell, assign and transfer and do hereby sell, assign and transfer to the above-named Assignee, its successors and assigns, the entire and exclusive right, title and interest in and to the inventions claimed and described in the above-identified patent application in the United States and throughout the world, and in and to any applications for patent and patents which may be granted and issued thereon in any and all countries, and in and to any continuations, divisions, reissues and extensions of said applications and patents and all priority rights associated therewith. The undersigned agree to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.
2. Without cost to the undersigned, the undersigned agree to perform all affirmative acts which may be necessary to obtain a grant of original, reissue or reexamined patents on the invention. The undersigned agree to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate in every way possible in obtaining evidence and going forward with such interference.
3. The undersigned agree to execute all papers and documents and to perform any act necessary in connection with provisions of any and all international treaties regarding patents and industrial property.
4. The undersigned hereby authorize and request the Commissioner of Patents to issue any and all United States Patents resulting from the above referenced patent application and any continuations or divisions thereof to the Assignee, as Assignee of the entire interest.
5. The undersigned hereby covenant to having full right to convey the entire interest herein assigned. The undersigned hereby represent and warrant that no other assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment. This assignment stands on its own.

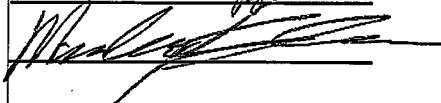
Signature of Inventor 1:



Date:

11/6/2008

Signature of Inventor 2:



Date:

11/6/08

State of \_\_\_\_\_ County of \_\_\_\_\_ On \_\_\_\_\_ before me, \_\_\_\_\_  
 (date) (Notary Public)  
 personally appeared \_\_\_\_\_

~~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.~~

WITNESS my hand and official seal.

SEE CALIFORNIA ALL PURPOSE ACKNOWLEDGMENT DATED  
 NOVEMBER 6, 2008 NOTARIZING THE SIGNATURES OF  
 GERALD PEPPER AND MANLEY KLASSEN

PATENT

REEL: 021806 FRAME: 0642

# CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of LOS ANGELES

On NOVEMBER 6, 2008 before me, SANDRA L. SOUZA NOTARY PUBLIC,  
Date Here Insert Name and Title of the Officer

personally appeared GERALD PEPPER AND  
Name(s) of Signer(s)

MANLEY KLASSEN

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) 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 Sandra L. Souza  
Signature of Notary Public

Place Notary Seal Above

## OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

### Description of Attached Document

Title or Type of Document: ASSIGNMENT

Document Date: NOVEMBER 6, 2008 Number of Pages: 1

Signer(s) Other Than Named Above: SLB

### Capacity(ies) Claimed by Signer(s)

Signer's Name: GERALD PEPPER

- ☒ Individual  
☐ Corporate Officer — Title(s): \_\_\_\_\_  
☐ Partner — ☐ Limited ☐ General  
☐ Attorney in Fact  
☐ Trustee  
☐ Guardian or Conservator  
☐ Other: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_

RIGHT THUMBPRINT  
OF SIGNER  
Top of thumb here



Signer's Name: MANLEY KLASSEN

- ☒ Individual  
☐ Corporate Officer — Title(s): \_\_\_\_\_  
☐ Partner — ☐ Limited ☐ General  
☐ Attorney in Fact  
☐ Trustee  
☐ Guardian or Conservator  
☐ Other: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_

RIGHT THUMBPRINT  
OF SIGNER  
Top of thumb here

