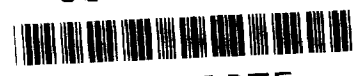


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05-02-2000



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Tab settings To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1 Name of conveying Party(ies):
Ixia Communications

Individual(s) Association
 General partnership Limited Partnership
 Corporation-State (California)
 Other

Additional Name(s) of conveying party(ies) attached? Yes No

3 Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: March 20, 2000

2. Name and address of receiving Party(ies)
Name: Ixia
Internal Address: Calabasas, California
Street Address: 4505 Las Virgenes Road
City: Calabasas State: CA ZIP: 91302

Individual(s) Citizenship
 Association
 General Partnership
 Limited Partnership
 Corporation-State California
 Other

If assignee is not domiciled in the United States, a domestic representative designation is attached. Yes No
(Designations must be a separate document from Assignment)
Additional name(s) & address(es) attached? Yes No

4 Application number(s) or registration number(s):
A. Trademark Application No.(s)
75/632,232
75/629,251

B. Trademark Registration No's
2,311,797
2,331,650

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Robin Kitzes Silk
Internal Address: Bryan Cave LLP
245 Park Avenue
New York, NY 10167-0034

Street Address:
245 Park Avenue

City: New York State: NY ZIP: 10167-0034

6. Total Number of applications and registrations involved:..... 4

7. Total fee (37 CFR 3.41):.....\$ 115.00

Enclosed
 Authorized to be charged to deposit account

8. Deposit Account number:
02-4467 - To be charged in the event of any deficiency in the fee presented herewith

(Attach) duplicate copy of this page if paying by deposit account

DO NOT USE THIS SPACE

9. State and signature
To the best of my knowledge and belief the foregoing information is true and correct and any attached copy is a true copy of the original document.

Robin Kitzes Silk R. Kitzes Silk April 1, 2000
Name of Person Signing Signature Date

Total number of pages including this cover sheet and any attachments: 7

CMB No. 0651-0011 (exp. 4/94) Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503.

TRADEMARK REEL: 002062 FRAME: 0761

State of California



SECRETARY OF STATE

I, *BILL JONES* Secretary of State of the State of California, hereby certify:

That the attached transcript of 3 page(s) has been compared with the record on file in this office, of which it purports to be a copy, and that it is full, true and correct.

IN WITNESS WHEREOF, I execute this certificate and affix the Great Seal of the State of California this day of

MAR 24 2000



Bill Jones

Secretary of State

**CERTIFICATE
OF
AMENDED AND RESTATED
ARTICLES OF INCORPORATION**

ENDORSED - FILED
in the office of the Secretary of State
of the State of California

MAR 21 2000

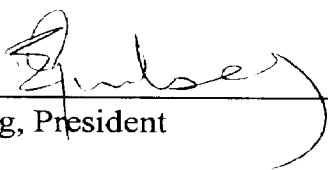
BILL JONES, Secretary of State

ERROL GINSBERG and RONALD W. BUCKLY certify that:

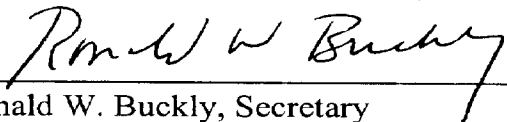
1. They are the president and secretary, respectively, of IXIA COMMUNICATIONS, a California corporation.
2. The articles of incorporation of this corporation are amended and restated in their entirety to read as is set forth in Exhibit A attached hereto.
3. The foregoing amendment and restatement of articles of incorporation has been duly approved by the Board of Directors.
4. The foregoing amendment of Article I of the articles of incorporation of this corporation has been duly approved by the required vote of shareholders in accordance with Section 902 of the California Corporations Code. The total number of shares outstanding and entitled to vote of the corporation was 15,252,716. The number of shares voting in favor of the amendment exceeded the vote required. The percentage vote required was more than 50%.
5. The foregoing amendment of Article III of the articles of incorporation of this corporation was one which may be adopted with approval by the Board of Directors alone in accordance with Section 902(c) of the California Corporations Code. The amendment to Article III effects only a stock split and there is presently only one class of shares outstanding.

We further declare under penalty of perjury under the laws of the State of California that the matters set forth in this certificate are true and correct of our own knowledge.

Date: March 20, 2000



 Errol Ginsberg, President



 Ronald W. Buckly, Secretary

EXHIBIT A

**AMENDED AND RESTATED
ARTICLES OF INCORPORATION
OF
IXIA**

I.

The name of this corporation is Ixia.

II.

The purpose of this corporation is to engage in any lawful act or activity for which a corporation may be organized under the General Corporation Law of California other than the banking business, the trust company business or the practice of a profession permitted to be incorporated by the California Corporations Code.

III.

A. This corporation is authorized to issue two classes of shares of stock designated as "Common Stock" and "Preferred Stock," respectively. The number of shares of Common Stock which this corporation is authorized to issue is Seventy Five Million (75,000,000), and the number of shares of Preferred Stock which this corporation is authorized to issue is One Million (1,000,000).

Upon amendment of this Article, each outstanding share of Common Stock is split up and converted into three (3) shares of Common Stock.

B. The Preferred Stock may be divided into such number of series as the board of directors may determine. The board of directors is authorized to determine and alter the rights, preferences, privileges and restrictions granted to or imposed upon any wholly unissued series of Preferred Stock, and to fix the number of shares of any series of Preferred Stock and the designation of any such series of Preferred Stock. The board of directors, within the limits and restrictions stated in any resolution or resolutions of the board of directors originally fixing the number of shares constituting any series, may increase or decrease (but not below the number of shares of such series then outstanding) the number of shares of any series subsequent to the issue of shares of that series.

IV.

A. Limitation of Directors' Liability. The liability of the directors of this corporation for monetary damages shall be eliminated to the fullest extent permissible under California law.

B. Indemnification of Corporate Agents. This corporation is authorized to provide indemnification of its agents (as defined in Section 317 of the General Corporation Law of California) for breach of duty to this corporation and its shareholders through bylaw provisions or through agreements with the agents, or both, in excess of the indemnification otherwise permitted by such Section 317, subject to the limits on such excess indemnification set forth in Section 204 of the General Corporation Law of California.

C. Repeal or Modification. Any repeal or modification of the foregoing provisions of this Article V by the shareholders of this corporation shall not adversely affect any right or protection of a director or agent of this corporation existing at the time of such repeal or modification.

* * *

