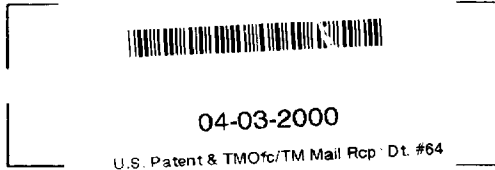


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04-10-2000

FORM PTO-1618A
Expires 06/30/99
OMB 0651-0027



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**RECORDATION FORM COVER SHEET
TRADEMARKS ONLY**

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

- New
- Resubmission (Non-Recordation)
Document ID #
- Correction of PTO Error
Reel # Frame #
- Corrective Document
Reel # Frame #

Conveyance Type

- Assignment
 - License
 - Security Agreement
 - Nunc Pro Tunc Assignment
 - Merger
 - Change of Name
 - Other
- Effective Date:

Conveying Party

Mark if additional names of conveying parties attached

Name Execution Date

Formerly

Individual General Partnership Limited Partnership Corporation Association

Other

Citizenship/State of Incorporation/Organization

Receiving Party

Mark if additional names of receiving parties attached

Name

DBA/AKA/TA

Composed of

Address (line 1)

Address (line 2)

Address (line 3)

City State/Country Zip Code

Individual General Partnership Limited Partnership If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative should be attached. (Designation must be a separate document attached. from Assignment.)

Corporation Association

Other

Citizenship/State of Incorporation/Organization

FOR OFFICE USE ONLY

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027).

Mail documents to be recorded with required cover sheet(s) information to:
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

REEL: 002048 FRAME: 0833

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

Correspondent Name and Address

Area Code and Telephone Number

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

Pages Enter the total number of pages of the attached conveyance document including any attachments.

#

Trademark Application Number(s) or Registration Number(s)

Mark if additional numbers attached

Enter either the Trademark Application Number or the Registration Number (DO NOT ENTER BOTH numbers for the same property).

Trademark Application Number(s)

Registration Number(s)

Number of Properties

Enter the total number of properties involved.

#

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41):

\$

Method of Payment:

Enclosed

Deposit Account

Deposit Account

Also enclosed: Check for Expedited Assignment Recordal:

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

#

Authorization to charge additional fees:

Yes

No

Statement 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. Charges to deposit account are authorized, as indicated herein.

Heather E. Balmat

Heather E. Balmat

March 30, 2000

Name of Person Signing

Signature

Date Signed

Office of the Secretary of State

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "ABSOLUTE VIDEO, INC.", CHANGING ITS NAME FROM "ABSOLUTE VIDEO, INC." TO "BIGBAND NETWORKS, INC.", FILED IN THIS OFFICE ON THE TWELFTH DAY OF JANUARY, A.D. 2000, AT 12:30 O'CLOCK P.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.



Edward J. Freel

Edward J. Freel, Secretary of State

2970737 8100

001017799

AUTHENTICATION: 0195406

DATE: 01-12-00

TRADEMARK
REEL: 002048 FRAME: 0835

**CERTIFICATE OF AMENDMENT
OF
CERTIFICATE OF INCORPORATION
OF
ABSOLUTE VIDEO, INC.**

Absolute Video, Inc. (the "Corporation"), a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware (the "Delaware Law"), DOES HEREBY CERTIFY:

FIRST. The Board of Directors of the Corporation duly adopted a resolution setting forth and declaring advisable the amendment of Article First of the Certificate of Incorporation of the Corporation, so that, as amended, said Article shall read as follows:

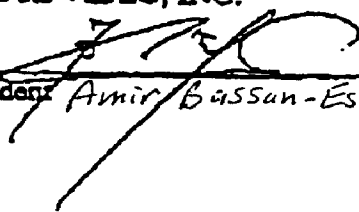
FIRST: The name of the corporation (the "Corporation") is BigBand Networks, Inc.

SECOND. The foregoing Amendment of the Certificate of Incorporation has been duly adopted by the written consent of stockholders in accordance with the provisions of Sections 228 and 242 of the Delaware Law. In addition, written notice of the adoption of the foregoing Amendment of the Certificate of Incorporation has been given to those stockholders who did not consent in writing in accordance with Section 228 of the Delaware Law.

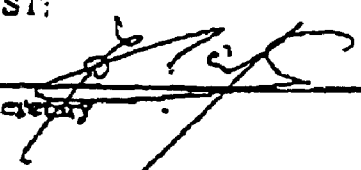
IN WITNESS WHEREOF, the Corporation has caused this Certificate to be signed by its President and attested by its Secretary, this 11 day of ~~December~~, 1999.

January 1, 2000

ABSOLUTE VIDEO, INC.

By: 
President Amir Bassan-Eskenz

ATTEST:

By: 
Secretary

CLARIMBO242/1.197874-1