

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3991218

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	MERGER
<b>EFFECTIVE DATE:</b>	05/03/2000

**CONVEYING PARTY DATA**

Name	Execution Date
C-CUBE MICROSYSTEMS, INC.	05/03/2000

**RECEIVING PARTY DATA**

<b>Name:</b>	HARMONIC, INC.
<b>Street Address:</b>	549 BALTIC WAY
<b>City:</b>	SUNNYVALE
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94089

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Patent Number:	6674796

**CORRESPONDENCE DATA****Fax Number:**

*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:** 408-402-5189  
**Email:** chris@brokawpatentlaw.com, amaloney@brokawpatentlaw.com  
**Correspondent Name:** BROKAW PATENT LAW PC  
**Address Line 1:** 101 CHURCH STREET  
**Address Line 2:** SUITE 50  
**Address Line 4:** LOS GATOS, CALIFORNIA 95030

<b>ATTORNEY DOCKET NUMBER:</b>	HRMC.P907
<b>NAME OF SUBMITTER:</b>	CHRISTOPHER J. BROKAW
<b>SIGNATURE:</b>	/ChristopherJBrokaw#45620/
<b>DATE SIGNED:</b>	08/03/2016

**Total Attachments: 3**

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State of Delaware  
Office of the Secretary of State

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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 MERGER, WHICH MERGES:

"C-CUBE MICROSYSTEMS INC.", A DELAWARE CORPORATION,  
WITH AND INTO "HARMONIC INC." UNDER THE NAME OF "HARMONIC INC.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE THIRD DAY OF MAY, A.D. 2000, AT 7:30 O'CLOCK A.M.



A handwritten signature in cursive script, reading "Edward J. Freel".

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Edward J. Freel, Secretary of State

2493974 8100M

001285644

AUTHENTICATION: 0503705

DATE: 06-16-00

PATENT  
REEL: 039333 FRAME: 0533

**CERTIFICATE OF MERGER**  
**OF**  
**C-CUBE MICROSYSTEMS INC.**  
**(a Delaware corporation)**  
**WITH**  
**HARMONIC INC.**  
**(a Delaware corporation)**

PURSUANT TO SECTION 251 OF THE DELAWARE GENERAL CORPORATION LAW

The undersigned corporation hereby certifies that:

FIRST: The names and states of incorporation of the constituent corporations are as follows:

<u>Name</u>	<u>State of Incorporation</u>
C-Cube Microsystems Inc.	Delaware
Harmonic Inc.	Delaware

SECOND: An Agreement and Plan of Merger and Reorganization has been approved, adopted, certified, executed and acknowledged by each of the constituent corporations in accordance with the requirements of Section 251 of the General Corporation Law of the State of Delaware.

THIRD: The name of the surviving corporation of the merger is Harmonic Inc., a Delaware corporation.

FOURTH: Article IV of the Restated Certificate of Incorporation of the surviving corporation shall be amended as attached hereto in Schedule A.

FIFTH: The executed Agreement and Plan of Merger and Reorganization is on file at the office of the surviving corporation. The address of said office is Harmonic Inc., 549 Baltic Way, Sunnyvale, California 94089.

SIXTH: A copy of the Agreement and Plan of Merger and Reorganization will be furnished by the surviving corporation, on request and without cost, to any stockholder of any constituent corporation.

IN WITNESS WHEREOF, the undersigned has executed and subscribed to this Certificate of Merger on behalf of the Surviving Corporation as its authorized officer and hereby affirms, under penalty of perjury, that this Certificate of Merger is the act and deed of such corporation and that the facts stated herein are true.

Dated: May 3, 2000.

HARMONIC INC.,  
a Delaware corporation  
By: /s/Anthony J. Ley  
Anthony J. Ley, President and  
Chief Executive Officer

## SCHEDULE A

The Restated Certificate of Incorporation of the Corporation is hereby amended by striking out the first paragraph of Article IV thereof and substituting in lieu of said paragraph the following new paragraph:

"The Corporation is authorized to issue two classes of stock to be designated, respectively, Preferred Stock, par value \$0.001 per share ("Preferred Stock"), and Common Stock, par value \$0.001 per share ("Common Stock"). The total number of shares of Preferred Stock that the Corporation shall have authority to issue is 5,000,000. The total number of shares of Common Stock that the Corporation shall have authority to issue is 75,000,000."