FORM PTO-1594

MRD 12.27.99 1-31-92

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

To the Honorable Commissioner of Patents and T. 101252	122 ents or copy thereof.				
Name of conveying party(ies):	2. Name and address of receiving party(ies):				
C-Cor Royalty Corporation	Name: Broadband Royalty Corporation				
☐ Individual(s) ☐ Association ☐ General Partnership ☐ Limited Partnership ☐ Corporation-Delaware ☐ Other ☐	Address: 1105 North Market Street, Suite 1300 P.O. Box 8985 Wilmington, Delaware 19899				
Additional name(s) of conveying party(ies) attached? □ Yes ■ No	☐ Individual(s) citizenship				
3. Nature of Conveyance: □ Assignment □ Security Agreement □ Other □ Execution Date: July 28, 1999	□ Association □ General Partnership □ Limited Partnership ■ Corporation-Delaware □ 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)	B. Trademark registration No.(s)				
75/424,978 75/141,870 75/369,439 75/141,869	798,053 1,833,131 1,884,750 2,121,998 2,178,899 2,145,079				
Additional numbers attached? □ Yes ■ No					
 Name and address of party to whom correspondence concerning document should be mailed: David J. Kera OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C. Attorneys at Law 	6. Total number of applications and registrations involved: 10 7. Total fee (37 CFR 3.41): \$ _265.00 ■ Enclosed				
Fourth Floor 1755 Jefferson Davis Highway Arlington, Virginia 22202	☐ Authorized to be charged to deposit account				
OSMMN Ref: 2884-000-21	Deposit account number:15-0030 (Attach duplicate copy of this page if paying by deposit account)				
DO NOT USE	THIS SPACE				
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is a original document.	true and correct and any attached copy is a true copy of the				
David J. Kera	December 27, 1999				
Name of Person Signing Signature	Date				
Total number of pages including cover sheet, attachments, and document: 9					
OMB No. 0651-0011 (exp. 4/94)					
Do not detach this portion					

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

01/28/2000 DCDATES 00000077 75424978

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

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Office of the Secretary of State

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF
DELAWARE, DO HEREBY CERTIFY THE ATTACHED ARE TRUE AND CORRECT
COPIES OF ALL DOCUMENTS ON FILE OF "BROADBAND ROYALTY
CORPORATION" AS RECEIVED AND FILED IN THIS OFFICE.

THE FOLLOWING DOCUMENTS HAVE BEEN CERTIFIED:

CERTIFICATE OF INCORPORATION, FILED THE THIRTEENTH DAY OF SEPTEMBER, A.D. 1988, AT 10 O'CLOCK A.M.

CERTIFICATE OF CHANGE OF REGISTERED AGENT, FILED THE TWENTY-SIXTH DAY OF JULY, A.D. 1993, AT 9 O'CLOCK A.M.

CERTIFICATE OF AMENDMENT, FILED THE FIRST DAY OF JULY, A.D. 1994, AT 9 O'CLOCK A.M.

CERTIFICATE OF AMENDMENT, CHANGING ITS NAME FROM "C-COR ROYALTY CORPORATION" TO "BROADBAND ROYALTY CORPORATION", FILED THE TWENTY-EIGHTH DAY OF JULY, A.D. 1999, AT 4:30 O'CLOCK P.M.

A CONTRACTOR OF THE PARTY OF TH

Edward J. Freel, Secretary of State

2172323 8100H

AUTHENTICATION:

0013340

991423014

DATE:

10-07-99 **TRADEMARK**

REEL: 002012 FRAME: 0777

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CERTIFICATE OF INCORPORATION

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C-COR ROYALTY CORPORATION

* * * * *

 $\label{eq:corporation} \textbf{1.} \quad \textbf{The name of the corporation is C-COR ROYALTY} \\ \textbf{CORPORATION.}$

- 2. The address of its registered office in the State of Delaware is Corporation Trust Center, 1209 Orange Street, in the City of Wilmington, County of New Castle. The name of its registered agent at such address is The Corporation Trust Company.
- 3. The nature of the business or purposes to be conducted or promoted is:

To engage in any lawful act or activity for which corporations may be organized under the General Corporation Law of Delaware.

4. The total number of shares of stock which the corporation shall have authority to issue is One Hundred (100) and the par value of each of such shares is One Bollar (\$1.00° amounting in the aggregate to One Hundred Dollars (\$100.00).

5A. The name and mailing address of each incorporator is as follows:

NAME

MAILING ADDRESS

D. A. Hampton

Corporation Trust Center

1209 Orange Street

Wilmington, Delaware 19801

S. J. Queppet

Corporation Trust Center

1209 Orange Street

Wilmington, Delaware 19801

K. L. Husfelt

Corporation Trust Center

1209 Orange Street

Wilmington, Delaware 19801

58. The name and mailing address of each person, who is to serve as a director until the first annual meeting of the stockholders or until a successor is elected and qualified, is as follows:

NAME

MAILING ADDRESS

Richard Perry

60 Decibel Road

State College, PA 16801

Jack Andrews

60 Decibel Road

State College, PA 16801

James Wonn

60 Decibel Road

State College, PA 16801

- 6. The corporation is to have perpetual existence.
- 7. In furtherance and not in limitation of the powers conferred by statute, the board of directors is expressly authorized:

 To make, alter or repeal the by-laws of the corporation.
- 8. Elections of directors need not be by written ballot unless the by-laws of the corporation shall so provide.

Meetings of stockholders may be held within or without the State of Delaware, as the by-laws may provide. The books of the corporation may be kept (subject to any provision contained in the statutes) outside the State of Delaware at such place or places as may be designated from time to time by the board of directors or in the by-laws of the corporation.

9. The corporation reserves the right to amend, alter, change or repeal any provision contained in this certificate of incorporation, in the manner now or hereafter prescribed by statute, and all rights conferred upon stockholders herein are granted subject to this reservation.

WE, THE UNDERSIGNED, being each of the incorporators hereinbefore named, for the purpose of forming a corporation pursuant to the General Corporation Law of the State of Delaware, do make this certificate, hereby declaring and certifying that this is our act and deed and the facts herein stated are true, and accordingly have lereunto set our hands this 13th day of September, 1988.

D. A. Hampton

A) august

K. S. thugel

STATE OF DELAWARE SECRETARY OF STATE DIVISION OF CORPORATIONS FILED 09:00 AM 07/26/1993 932095053 - 2172323

The Board of Directors of	C-COR ROYAL	TY CORPORATION		·····
a Corporation of Delaware, on this.	eleventh	day of	May	A.D. !9_93
do hereby resolve and order that and the same hereby is			his Corporation with	hin this State be
in the City of WILMINGTON			Zip Code	
The name of the Registered Ages			om process against	this Corporation
may be served, is DELAW	ARE CORPORATE MANAGE	JEMENT, INC.		
C-COR ROYALTY CORPORATION	ı			
G-OOK ROZZIII-				,
a Corporation of Delaware, does	hereby certify that the	foregoing is a true	copy of a resolution	adopted by the
Board of Directors at a meeting he	ld as herein stated.			
IN WITNESS WHEREOF, said Corp	poration has caused this	certificate to be	signed by its Preside	ent and Attested
by its Secretary, the	1st	_day ofJu	ne A.D.	, 1993
	BY:	Ruhin	DE Ger	ya
) Bl	n dreu	0
	ATTES	-	Secretary	

CHANCE OF LOCATION Doc 20-05/80/11/04

STATE OF DELAWARE SECRETARY OF STATE DIVISION OF CORPORATIONS FILED 09:00 AM 07/01/1994* 944121819 - 2172323

CERTIFICATE OF AMENDMENT ACTION BY UNANIMOUS WRITTEN CONSENT OF SHAREHOLDER

The undersigned, being the sole shareholder of the outstanding shares of stock of C-COR Royalty Corporation, a Delaware corporation (the "Corporation"), pursuant to Section 228 of the Delaware Gameral Corporation Law, does hereby consent to and adopt the following resolutions;

> RESOLVED, that the Board of Directors of the Corporation has proposed that it is advisable that the Corporation's Certificate of Incorporation be amended by adding the following provision thereto as Article 10 in accordance with section 242 of Delaware General Corporation Law:

No director of the Corporation shall be personally liable to the Corporation or its stockholders except for (i) any breach of the director's duty of loyalty to the corporation or its stockholders, (ii) for acts or omissions not in good faith or which involve intentional misconduct or a knowing violation of law, (iii) under Section 174 of the Delaware General Corporation Law, or (iv) any transaction from which the director derived an improper personal benefit.

FURTHER RESOLVED, that the foregoing proposal is hereby approved.

FURTHER RESOLVED, that this Consent be filed with the Secretary of the Corporation.

IN WITNESS WHEREOF, the undersigned has executed this Consent the day and year written below.

C-COR Electronics, Inc.

Date: 160 12, 1993

Jack B. Andrews

Vice President-Pinance,

Secretary and Treasurer

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OT

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303TATE 7565ELAWARE2/03 SECRETARY OF STATE DIVISION OF CORPORATIONS FILED 04:30 PM 07/28/1999 991311498 - 2172323

CERTIFICATE OF AMENDMENT

OF

CERTIFICATE OF INCORPORATION

OF

♠ CrCOR Royalty Corporation

C-COR Royalty Corporation, a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware,

DOES HEREBY CERTIFY:

FIRST: That the Board of Directors of said Corporation, by the unanimous written consent of its members, filed with the minutes of the Board of Directors, adopted resolutions proposing and declaring advisable the following amendment to the Certificate of Incorporation of said Corporation:

RESOLVED, that the Certificate of Incorporation of C-COR Royalty

Corporation be amended by changing the First Article thereof so that, as amended,
said Article shall be and read as follows:

"The name of the Corporation is Broadband Royalty Corporation."

SECOND: That in lieu of a meeting and vote of the Shareholder, the Shareholder has given written consent to said amendment in accordance with the provisions of Section 228 of the General Corporation Law of the State of Delaware.

THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware.

REEL: 002012 FRAME: 0783

IN WITNESS WHEREOF, said Corporation has caused this certificate to be signed by GEORGE M. SAVERENO, its President and Treasurer, this 27th day of ________, 1999.

C-COR Royalty Corporation

By: Sauce M. Sauce GEORGE M. SAVERENO
President and Treasurer

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RECORDED: 12/27/1999