

State of Idaho

Department of State

CERTIFICATE OF AMENDMENT OF

VIROGEN, INC.

I PETE T. CENARRUSA, Secretary of State of the State of Idaho hereby, certify that duplicate originals of Articles of Amendment to the Articles of Incorporation of _____
VIROGEN, INC.

duly signed and verified pursuant to the provisions of the Idaho Business Corporation Act, have been received in this office and are found to conform to law.

ACCORDINGLY and by virtue of the authority vested in me by law, I issue this Certificate of Amendment to the Articles of Incorporation and attach hereto a duplicate original of the Articles of Amendment.

Dated _____ March 22, 19 88



Pete T. Cenarrusa
SECRETARY OF STATE

Lucy J. Cook
Corporation Clerk

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TO THE
ARTICLES OF INCORPORATION
OF
VIROGEN, INC.

KNOW ALL MEN BY THESE PRESENTS: That Conni Spencer, President and James Forbes, Secretary of Component Housing Systems USA, Inc., an Idaho corporation, do hereby present these Articles of Amendment to the Articles of Incorporation pursuant to the provisions of the Idaho Code, adopted by the shareholders of the Corporation on January 4, 1988, at a Special Meeting of Shareholders:

Article I shall be amended to read as follows:

"ARTICLE I

The Name of this Corporation shall be Virogen, Inc."

Article IV shall be amended by adding an additional clause at the end thereof to read as follows:

ARTICLE IV

"To transact any or all lawful business for which corporations may be organized under the Idaho Business Corporation Act."

Article V shall be amended to read as follows:

"ARTICLE V

Capital Stock. The authorized capital stock of this Corporation shall be 100,000,000 shares of Common Stock having a par value of \$.001 per share. Each share of the capital stock of this Corporation issued and outstanding immediately prior to the effective time of this Article V shall be converted into two shares of Common Stock having a par value of \$.001 per share."

The above stated amendment shall effectively cause a reduction in the authorized capital of the Company from \$5,000,000 to \$100,000 and a decrease in the stated capital from \$260,000 to \$10,400.

The Articles of Incorporation of the Corporation shall be amended by adding an additional Article thereto, designated as Article VI, which Article shall read as follows:

"ARTICLE VI

Preemptive Rights. The shareholders of this Corporation shall have no preemptive rights to acquire unissued or treasury shares or securities convertible into such shares or carrying a right to subscribe to or acquire shares of stock of this Corporation."

The Articles of Incorporation of the Corporation shall be amended by adding an additional Article thereto, designated as Article VII, which shall read as follows:

"ARTICLE VII

Cumulative Voting. The shareholders of this Corporation shall not have the right, as otherwise provided by Section 30-1-33 of the Idaho Code, to cumulate their votes at elections for directors."

Article II of the Articles of Incorporation of the Corporation shall be amended to read as follows:

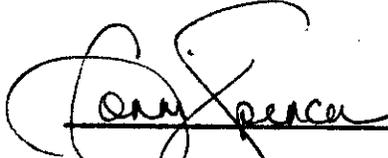
"ARTICLE II

The period of existence and the duration of this Corporation shall be perpetual."

The number of shares of the Corporation outstanding at the time of said adoption of the above amendments was 5,200,000, and the number of shares entitled to vote thereon was 5,200,000. The number of shares voted for such amendments, and each of them in person and by Proxy, was 3,600,000, and the number of shares voting against such amendments was -0-.

The effective date hereof shall be the date of said shareholders' meeting, January 4, 1988.

DATED the 4th day of January, 1988.



CONNIE SPENCER



JAMES FORBES

ACKNOWLEDGEMENT

State of Utah)

:SS

County of Salt Lake)

The undersigned, President and Secretary respectively of Component Housing Systems USA, Inc., a corporation organized and existing under the laws of the State of Idaho, do hereby certify that at a Special Meeting of the Shareholders of said Corporation, properly called on January 4, 1988, the foregoing amendments to the Articles of Incorporation of said Corporation were adopted and authorized by more than Fifty Percent (50%) of the outstanding and issued shares of said Corporation, which shares were properly represented at said meeting; that said meeting was held pursuant to a resolution by the Board of Directors of the Corporation setting forth the Amendments and directing that they be submitted to a vote at a special meeting of shareholders; that written notice of said Special Meeting, which notice set forth the proposed amendments, was given to each shareholder of record entitled to vote thereon more than ten (10) days prior to the holding of said meeting by first-class mail; the undersigned further certify that the foregoing amendments to the Articles of Incorporation of said Corporation correctly set forth the amendments adopted by the shareholders and correctly states the date of adoption thereof, the number of shares outstanding, the number of shares voting for and against such amendments.

DATED this 4th day of January, 1988.



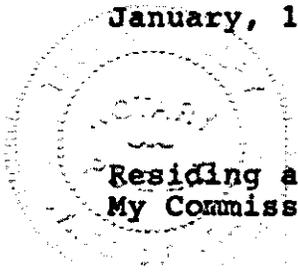
CONNIE SPENCER


JAMES FORBES

Subscribed and sworn to before me this 4th day of January, 1988.



Tina A. Pulley
Notary Public



Residing at: Salt Lake City, Utah
My Commission Expires: 11-10-90