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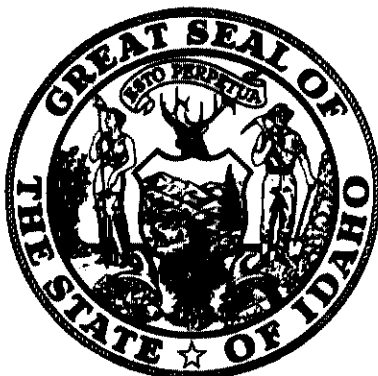
**CERTIFICATE OF INCORPORATION
OF**

NORTHERN ELECTRONIC RESEARCH AND DEVELOPMENT, INC.

I, PETE T. CENARRUSA, Secretary of State of the State of Idaho, hereby certify that duplicate originals of Articles of Incorporation for the incorporation of the above named corporation, duly signed 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 Incorporation and attach hereto a duplicate original of the Articles of Incorporation.

Dated: May 09, 1990



Pete T. Cenarrusa

SECRETARY OF STATE

by: *Elizabeth M. Zesale*

ARTICLES OF INCORPORATION

OF

NORTHERN ELECTRONIC RESEARCH AND DEVELOPMENT, INC.

RECEIVED
SEC. OF STATE

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1. The name of the corporation is Northern Electronic Research and Development, Inc.

2. The period of its duration is perpetual.

3. Its purpose is to transact the business of Manufacturing, marketing and distribution and all other business not forbidden by law.

4. It shall have authority to issue one million (1,000,000) shares, all of one class, no par value.

5. The address of its initial registered office is HC 12 Box 461, Coeur d'Alene, Idaho 83814. The name of its initial registered agent at such address is James V. Ratliff.

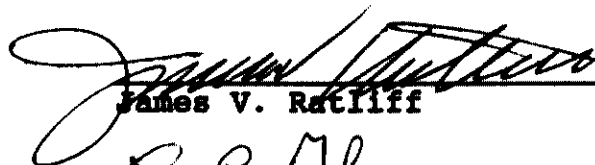
6. The number of directors constituting its initial board of directors is four, whose names and addresses are:


James V. Ratliff, HC 12 Box 461, Coeur d'Alene, ID 83814;
C.E. Thompson, M.D., 821 1st Avenue, Post Falls, ID 83854; Walter
P. Nicholson, 1543 Hayden View Drive, Hayden Lake, ID 83835; Jean
M. Nicholson, 1543 Hayden View Drive, Hayden Lake, ID 83835.

7. The name and address of each incorporator is:

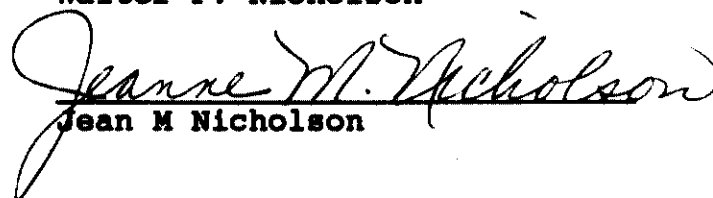
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M. Nicholson, 1543 Hayden View Drive, Hayden Lake, ID 83835.

Dated this 30 day of April, 1990.


James V. Ratliff


C. E. Thompson, M.D.


Walter P. Nicholson


Jean M Nicholson