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State of Idaho

Department of State

CERTIFICATE OF AUTHORITY OF

PULSE TECHNOLOGY, INC.

I, PETE T. CENARRUSA, Secretary of State of the State of Idaho, hereby certify that duplicate originals of an Application of PULSE TECHNOLOGY, INC. for a Certificate of Authority to transact business in this State, 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 Authority to PULSE TECHNOLOGY, INC. to transact business in this State under the name PULSE TECHNOLOGY, INC. and attach hereto a duplicate original of the Application for such Certificate.

Dated: May 4, 1992



Pete T. Cenarrusa

SECRETARY OF STATE

By

George Hoken

APPLICATION FOR CERTIFICATE OF AUTHORITY

(Profit Corporation)

RECEIVED
SEC. OF STATE

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To the Secretary of State of Idaho

Pursuant to Section 30-1-110, Idaho Code, the undersigned Corporation hereby applies for a Certificate of Authority to transact business in your State, and for that purpose submits the following statement:

1. The name of the corporation is Pulse Technology, Inc.

2. The name which it shall use in Idaho is Pulse Technology, Inc.

(To be used only when required to avoid a conflict with a name already on file. Must be accompanied by a Board of Directors resolution adopting assumed name in Idaho.)

3. It is incorporated under the laws of the State of Utah.

4. The date of its incorporation is June 27, 1985 and the period of its duration is perpetual.

5. The address of its principal office in the state or country under the laws of which it is incorporated is 1354 South 1000 West, Salt Lake City, Utah 84104

6. The address to which correspondence should be addressed, if different from that in item 5. N. 6282 Government Way Coeur d'Alene, ID 83814

7. The street address of its proposed registered office in Idaho is N. 6282 Government Way Coeur d'Alene, ID 83814, and the name of its proposed registered agent in Idaho at that address is S. Shumway Poole

8. The purpose or purposes which it is proposed to pursue in the transaction of business in Idaho are: Development of medical equipment.

(Continued on reverse)

Submit application and certificate of status to:

Office of the Secretary of State
Division of Corporations
Statehouse, Room 203
Boise, Idaho 83720

Secretary of State use only

9. The names and respective addresses of its directors and officers are:

Name	Office	Address
Johnny O. Jones, Jr.	Director, CEO, Chairman of the Board and President	N. 6282 Government Way Coeur d'Alene, ID 83814
Charles C. White, Jr.	Director	N. 6282 Government Way Coeur d'Alene, ID 83814
Charles C. White, Jr.	Treasurer	N. 6282 Government Way Coeur d'Alene, ID 83814
S. Shumway Poole	Director	N. 6282 Government Way Coeur d'Alene, ID 83814
S. Shumway Poole	Secretary	N. 6282 Government Way Coeur d'Alene, ID 83814
Carrolee Barlow, M.D.	Director	N. 6282 Government Way Coeur d'Alene, ID 83814
Johnny O. Jones, M.D.	Director	N. 6282 Government Way Coeur d'Alene, ID 83814

10. The corporation accepts and shall comply with the provisions of the Constitution and the laws of the State of Idaho.

11. This application is accompanied by a Certificate of Corporate Status or Existence, duly authenticated by the proper officer of the state or country under the laws of which it is incorporated.

Dated: 4-24-92

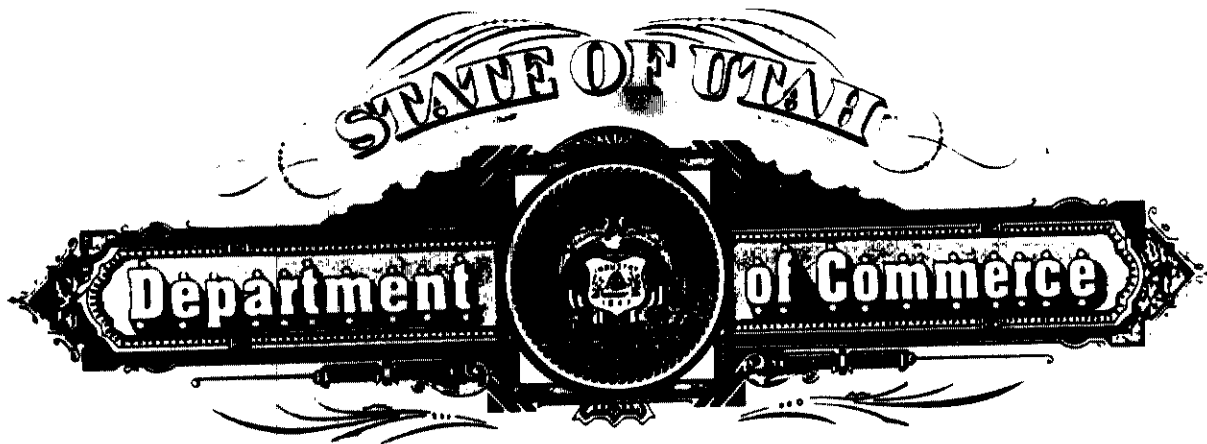
Pulse Technology, Inc.
(Corporation name)
By [Signature] PRESIDENT
President/Vice President (please specify)
and [Signature] 75812
Its Secretary/Assistant Secretary (please specify)

STATE OF IDAHO)
COUNTY OF KOOTENAI) ss:

I, RICHARD D. MURRAY, a notary public, do hereby certify that on
this 24th day of April, 19 92, personally appeared before
me JOHN O. JONES and S. Shumway Poole, who being by me first duly sworn, declared that (s)he
is the PRESIDENT and Secretary of Pulse Technology, Inc.

that (s)he signed the foregoing documents as PRESIDENT and Secretary of the corporation and that
the statements therein contained are true.

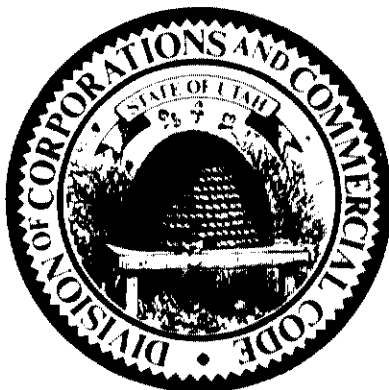
[Signature]
Commission Expires 1-19-93 Notary Public



CERTIFICATION OF GOOD STANDING

THE UTAH DIVISION OF CORPORATIONS AND COMMERCIAL CODE HEREBY CERTIFIES THAT
PULSE TECHNOLOGY, INC.
IS A UTAH CORPORATION AND IS QUALIFIED TO TRANSACT BUSINESS IN THE STATE
OF UTAH. A CERTIFICATE OF INCORPORATION WAS ISSUED FROM THIS OFFICE ON
06-27-1985 AND SAID CORPORATION IS IN GOOD STANDING, AS APPEARS OF RECORD
IN THE OFFICES OF THE DIVISION.

FILE NUMBER: 115835



Dated this 29TH day
of APRIL, 19 92.

RECEIVED
SEC. OF STATE
92 MAY 4 AM 10 20

Peter Van Alstyne
Peter Van Alstyne
Director, Division of
Corporations and Commercial Code