

State of Idaho

Department of State

CERTIFICATE OF AUTHORITY
OF
PPG BIOMEDICAL SYSTEMS, INC.

I, PETE T. CENARRUSA, Secretary of State of the State of Idaho, hereby certify that
duplicate originals of an Application of PPG BIOMEDICAL SYSTEMS, INC.

PPG BIOMEDICAL SYSTEMS, 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 PPG BIOMEDICAL SYSTEMS, INC.

to transact business in this State under the name PPG BIOMEDICAL SYSTEMS, INC.

PPG BIOMEDICAL SYSTEMS, INC. and attach hereto a duplicate original of the Application
for such Certificate.

Dated September 28, 1987



Pete T. Cenarrusa

SECRETARY OF STATE

Sandra Matthews

Corporation Clerk

APPLICATION FOR CERTIFICATE OF AUTHORITY

(Profit Corporation)

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 PPG Biomedical Systems, Inc.

2. The name which it shall use in Idaho is PPG Biomedical Systems, 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 Delaware

4. The date of its incorporation is September 19, 1986 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 1209 Orange Street, Wilmington, Delaware 19801

6. The address to which correspondence should be addressed, if different from that in item 5. 1209 Orange Street, Wilmington, Delaware 19801

7. The street address of its proposed registered office in Idaho is 300 North 6th Street
Boise, Idaho 83701, and the name of its proposed registered agent in Idaho at that address is CT CORPORATION SYSTEM

8. The purpose or purposes which it proposes to pursue in the transaction of business in Idaho are:
To engage in activities relating to the manufacture, use
and sale of electronic instruments.

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

| Name | Office | Address |
|----------------------------------|--------|---------|
| SEE ATTACHED EXHIBIT "A" AND "B" | | |
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(continued on reverse)

DIRECTORS OF PPG BIOMEDICAL SYSTEMS, INC.

| <u>Name</u> | <u>Residence Address</u> | <u>Term Expires</u> |
|---------------|---|---------------------|
| V. A. Sarni | 209 Thornberry Circle Pittsburgh, PA 15234 | May 2, 1988 |
| F. V. Breeze | 111 Grandview Avenue Pittsburgh, PA 15211 | May 2, 1988 |
| E. J. Slack | 2042 Menold Drive Allison Park, PA 15101 | May 2, 1988 |
| R. H. Mitchel | 212 Beall Drive Pittsburgh, PA 15236 | May 2, 1988 |

Exhibit "A"

OFFICERS OF PPG BIOMEDICAL SYSTEMS, INC.

V. A. Sarni - Chairman of the Board
209 Thornberry Circle
Pittsburgh, Pennsylvania 15234

F. V. Breeze - Vice Chairman of the Board
111 Grandview Avenue
Pittsburgh, Pennsylvania 15211

E. J. Slack - President
2042 Menold Drive
Allison Park, Pennsylvania 15101

R. H. Mitchel - Vice President, Finance
212 Beall Drive
Pittsburgh, Pennsylvania 15236

E. I. Sproull, Jr. - Vice President, Tax Administration
R. D. No. 3, Woodcock Drive
Sewickley, Pennsylvania 15143

E. F. Voboril - Vice President and General Manager
801 Blairmont Drive
Pittsburgh, Pennsylvania 15241

E. Mazeski, Jr. - Secretary
201 Glen Haven Lane
Pittsburgh, Pennsylvania 15238

H. K. Linge - Assistant Secretary
509 Osborne Lane
Sewickley, Pennsylvania 15143

L. M. Call - Treasurer
488 Woodland Road
Pittsburgh, Pennsylvania 15237

T. F. Hudak - Controller
1458 Stoltz Road
Bethel Park, Pennsylvania 15102

All of the officers' terms expire May 2, 1988

Exhibit "B"

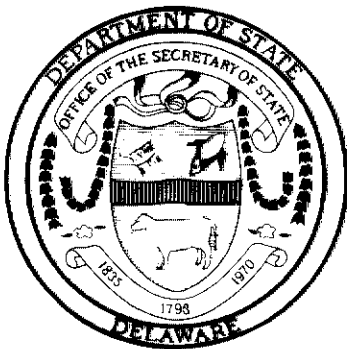


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Office of Secretary of State

I, MICHAEL HARKINS, SECRETARY OF STATE OF THE STATE OF DELAWARE DO HEREBY CERTIFY PPG BIOMEDICAL SYSTEMS, INC. IS DULY INCORPORATED UNDER THE LAWS OF THE STATE OF DELAWARE AND IS IN GOOD STANDING AND HAS A LEGAL CORPORATE EXISTENCE SO FAR AS THE RECORDS OF THIS OFFICE SHOW, AS OF THE DATE SHOWN BELOW.

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Michael Harkins
Michael Harkins, Secretary of State

AUTHENTICATION: 11393706
DATE: 09/10/1987