



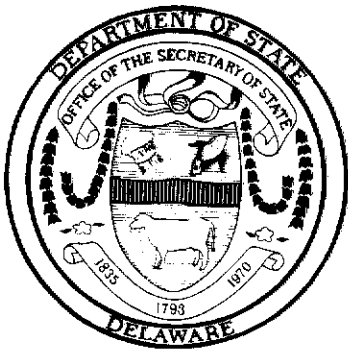
NOV 6, 1989
10 36 AM

Office of Secretary of State

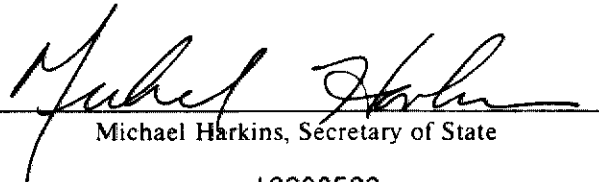
I, MICHAEL HARKINS, SECRETARY OF STATE OF THE STATE OF DELAWARE DO HEREBY CERTIFY THE CERTIFICATE OF OWNERSHIP OF PPG INDUSTRIES, INC., A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF PENNSYLVANIA, MERGING PPG BIOMEDICAL SYSTEMS, INC. A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, PURSUANT TO SECTION 253 OF THE GENERAL CORPORATION LAW OF THE STATE OF DELAWARE, WAS RECEIVED AND FILED IN THIS OFFICE THE TWENTY-NINTH DAY OF SEPTEMBER, A.D. 1989, AT 9 O'CLOCK A.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE AFORESAID CORPORATION SHALL BE GOVERNED BY THE LAWS OF THE STATE OF PENNSYLVANIA.

.....



899383125


 Michael Harkins, Secretary of State

AUTHENTICATION: 12398532

DATE: 10/30/1989