

MINUTES OF MEETING
OF THE EXECUTIVE COMMITTEE
OF THE GLIDDEN COMPANY

Minutes of meeting of the Executive Committee of The Glidden Company held at the office of the Company, 1396 Union Commerce Building, Cleveland, Ohio on Friday, June 27, 1952 at 3:00 P.M.

The following members of the Committee were present:

Adrian D. Joyce
Dwight P. Joyce
P. E. Sprague
J. A. Peters
B. W. Maxey

Mr. J. P. Ruth was not present at the meeting.

Mr. Adrian D. Joyce, Chairman, presided and Mr. R. D. Horner, Secretary, recorded the minutes.

Mr. P. E. Sprague presented the recommendations of the Patent Committee for the filing of the following Applications for United States Letters Patent which were, upon motion duly made and seconded, unanimously approved by the Committee.

1. I-217: Resolution of Racemic Menthol with Hydronopic Acid -

This development, said Mr. Sprague, related to the use of hydronopic acid, a product developed, manufactured, and patented by the Naval Stores Division, in resolving the levo and dextro forms of menthol.

2. I-223: Introduction of Oxygen into Ring C of Naked Sterols -

The importance of this application, said Mr. Sprague, lay in the synthesis of cortisone and related hormones from naked sterols. The new procedure promised to overcome objections to prior art methods based upon low yields and the necessity for using hazardous chemicals.

3. I-224: Lead Silicate Pigment - A disclosure sheet forming the basis of this application, said Mr. Sprague, had been submitted by Mr. E. D. Turnbull, Chemical Engineer for the Company's Euston Lead Division, and related to a process for preparing lead silicate pigment by reacting silicate with a basic lead acetate solution. Mr. Turnbull's discovery, it was pointed out, marked the culmination of a long developmental and experimental program. Manufacture of lead silicate pigment, said Mr. Sprague, which, under Mr. Turnbull's process, could be made without additional expensive equipment, should provide the Company with a product capable of competing with National Lead Company's Pigment 45-X. The Chairman requested that Mr. A. R. Knight, Scranton Division Manager, investigate the market for such lead silicate pigments and submit to him a report on the results of this investigation.

4. I-225 and I-226: Hydrometallurgical Cuprous Oxide Processes - Mr. Sprague explained that prior art permitted the manufacture of cuprous oxide with satisfactory color and purity only through use of electrolytic processes. Hydrometallurgical processes discovered by Mr. J. E. Drapeau, Technical Director at Hammond, he said, would permit the manufacture of a satisfactory product from a mixture of metallic copper and cuprous oxide using ammonium persulfate or ammonia as a catalyst.

Mr. P. E. Sprague submitted a proposal for the construction of a one-story, masonry construction extension to the Company's Soya Products and Feed Mill Divisions offices at Indianapolis. Preliminary estimates, said Mr. Sprague, indicated total cost of construction of approximately between \$55,000 and \$60,000 which would include provisions for future installation of air conditioning. Preliminary drawings and floor layouts were presented by Mr. Sprague. The

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Committee, following careful consideration and upon motion duly made and seconded, unanimously adopted Mr. Sprague's recommendation that the Indianapolis Divisions be authorized to obtain a precise estimate of the cost of the office project to the Company. Messrs. B. W. Maxey, Comptroller and J. C. Rankin, Division Manager, were authorized to secure all necessary data and obtain final approval of the project by the Executive Committee or the Board of Directors in Mr. Sprague's absence.

There being no further business to come before the Committee, the meeting was, upon motion duly made and seconded, unanimously adjourned.

A handwritten signature, likely of R. W. Maxey, is written over a horizontal line. The signature is in cursive and appears to be "R. W. Maxey".

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