PLAINTIFF'S EXHIBIT
JM 1124

March 9, 1951
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Memorandum for File

Energy Absorbing Coating for Glass Fibers

Sid Speil disclosed to me an idea he had for imparting a light or energy absorbing coating to glass fibers by deposition of carbon black in situ on the fiber by incomplete combustion of methane or equivalent gas in contact with the fibers.

He is going to arrange to have this idea tested by a brother of Henry Palumbo, who has a business at Keyport, New Jersey, depositing carbon black in situ in porous brick to produce electrically conductive refractory elements.

Minnesota Mining and Manufacturing has a patented process for coating fibers or particles with metals to make them light reflecting.

K. I. White

K. I. White

KIW:em

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March 19, 1951

436 - RH-1

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Memorandum for File

Energy Absorbing Coating for Glass Fibres

A brief search has been made on this idea of Sid Spiel's relating to depositing an energy absorbing coating such as carbon black on glass fibres to improve the insulating characteristics thereof.

The search has been made through the Owens Corning prior art collection.

As a result of this search, the following patents have been uncovered:

A. - 2134009

B. - 2134340

C. - 2341219

Reference A. is the most pertinent, this patent disclosing the idea of coating the fibres of an insulating material with a material such as lamp black for rendering the fibres highly absorbent of radiant energy.

Reference B. covers the idea of using a comminuted loading material. The loading material being a substance which is transparent to the portion of the infra-red rays within the zone of greatest heat energy.

Reference C. is less pertinent, this reference disclosing the idea of incorporating electrically conductive substances such as graphite, comminuted metal, etc. in the insulating material to render the material semi-electrically conductive.

E. C. Walsh

E. C. Walsh

ECW/lat

c/c: Sid Spiel

MTC 017430