

Mr. H. F. Lloyd - Bound Brook

June 19, 1942

Messrs. Calkins and Dittenhoefer

PLAINTIFF'S
EXHIBIT
GF-2415

CALSILITE

I call your attention to two U. S. patents which have just come to issue having a bearing on your activities in connection with developing a suitable high-temperature heat-insulation material, i.e., Calsilite.

No. 2,284,400 - May 26, 1942 - F. T. Llewellyn and E. S. Painter

This patent relates to a composition composed of foamed slag (bubble slag) and asbestos bound together with a mixture of sodium silicate and zinc oxide.

- - - - -

No. 2,284,439 - May 26, 1942 - R. A. MacArthur and H. E. Greider
(Carey Co.)

This patent relates to a form of precision molding high-temperature insulation which is fabricated somewhat along the lines of the Plant process. However, I call your attention specifically to the following excerpt from page 4, second column, lines 51 to 63:

"Another example of a high temperature heat insulation material which is adapted to be set by heating consists principally of a mixture of calcium oxide and calcined diatomaceous earth. For example, a material containing about 30% of calcium oxide, about 65% of calcined diatomaceous earth, about 5% of asbestos fiber may be molded in the form of a semi-plastic slurry. Upon heating the mold under steam pressure in a closed chamber the lime reacts with the diatomaceous earth to form calcium silicate, which acts as a bonding agent for the insulation material."

President

H.F.L.

01-0213923

GAF 22747