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DOCUMENT DESCRIPTION: 1970 Memo to Armand McMillan regarding patentability of mono-kote plaster compositions

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by WRC Patent

W. R. GRACE & CO.

PATENT DEPARTMENT
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AM

PATENT DEPT.
SEP 2 1970
Case _____

PLEASE REPLY TO:
W. R. GRACE & CO.
CLARKSVILLE, MD. 21029

TO: Armand McMillan
DATE: August 31, 1970
FROM: Andrea M. Giardini
SUBJECT: Patentability Search #3126 - Mono-Kote Plaster Compositions

A novelty search has been completed in the U. S. Patent Office on the following composition:

- 1) Gypsum (CaSO_4)
- 2) and/or a lightweight aggregate (vermiculite or perlite)
- 3) and a cellulosic substance (wood pulp fiber, methyl cellulose or chemically modified nonfibrous cellulose)

The class searched was 106/115 (Inorganic settable ingredient containing cellulose or derivative).

The following patents were developed:

1,423,569	3,057,742
1,954,378	3,153,596*
2,142,164	3,215,549*
2,322,194	3,219,112*
2,853,394	3,376,147

USP 3,153,596 appears to be the most pertinent reference in regard to novelty. The claimed plaster composition consists of a mixture of calcium sulfate, exfoliated vermiculite and methyl cellulose.

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PLAINTIFF'S
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Armand McMillan
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USP 3,219,112 discusses a gypsum hydraulic cement composition mixed with diatomaceous earth and an alkali metal carboxymethyl hydroxyethyl cellulose.

USP 3,215,549 discloses similar binding or setting compositions.

USP 3,376,147 and 2,853,394 relate to improved fire resistant gypsum wallboards consisting of gypsum, unexpanded vermiculite and glass fiber.

USP 1,423,569 shows that as far back as 1922 "shredded wood fibers" were used in fireproof wallboard compositions.

USP 1,954,378 discloses a set gypsum mass having distributed throughout filaments of a water soluble cellulose derivative.

In view of the above cited patents, the composition in question does not appear to be patentable.

LXG

AMG:pc
PD 0-21 G

cc: C. L. Warness

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