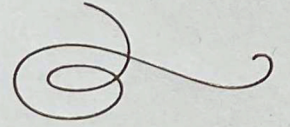
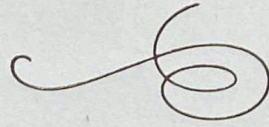


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The Director

of the United States Patent and Trademark Office has received an application for a patent for a new and useful invention. The title and description of the invention are enclosed. The requirements of law have been complied with, and it has been determined that a patent on the invention shall be granted under the law.

Therefore, this United States

Patent

grants to the person(s) having title to this patent the right to exclude others from making, using, offering for sale, or selling the invention throughout the United States of America or importing the invention into the United States of America, and if the invention is a process, of the right to exclude others from using, offering for sale or selling throughout the United States of America, products made by that process, for the term set forth in 35 U.S.C. 154(a)(2) or (c)(1), subject to the payment of maintenance fees as provided by 35 U.S.C. 41(b). See the Maintenance Fee Notice on the inside of the cover.

Katherine Kelly Vidal

DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE



(12) **United States Patent**
Moseley

(10) **Patent No.:** **US 11,441,076 B2**

(45) **Date of Patent:** **Sep. 13, 2022**

(54) **FIRE RETARDANT FORMULA AND METHOD OF USE**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 329 days.

(21) Appl. No.: **16/825,930**

(22) Filed: **Mar. 20, 2020**

(65) **Prior Publication Data**

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Related U.S. Application Data

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(51) **Int. Cl.**
C09K 21/04 (2006.01)
C09K 21/08 (2006.01)
C09K 21/14 (2006.01)

(52) **U.S. Cl.**
CPC **C09K 21/04** (2013.01); **C09K 21/08** (2013.01); **C09K 21/14** (2013.01)

(58) **Field of Classification Search**
CPC **C09K 21/02**; **C09K 21/08**; **C09K 21/14**
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

2016/0222225 A1* 8/2016 Moseley C09D 7/61
* cited by examiner

Primary Examiner — Peter F Godenschwager
(74) *Attorney, Agent, or Firm* — Procopio, Cory, Hargreaves & Savitch LLP

(57) **ABSTRACT**

A fire prevention coating formula is applied to surfaces in order to reduce and prevent the spread of fires across the applied surfaces. The homogeneous coating mixture is applied to surfaces through spraying or painting means. When heated, the fire prevention coating formula forms a thick, stable, passivating oxide layer protecting the surface from further reaction.

10 Claims, No Drawings