

# UNITED STATES PATENT OFFICE.

DAVIS R. BOOGHER, OF ST. LOUIS, MISSOURI.

## INCRUSTATION-PREVENTIVE.

SPECIFICATION forming part of Letters Patent No. 411,320, dated September 17, 1889.

Application filed June 21, 1889. Serial No. 315,104. (No specimens.)

*To all whom it may concern:*

Be it known that I, DAVIS R. BOOGHER, of the city of St. Louis, in the State of Missouri, have invented a certain new and useful Improvement in Boiler Compounds, of which  
5 the following is a full, clear, and exact description.

My invention relates to an improved compound for the prevention and removal of  
10 scale in boilers; and my invention consists in a compound composed of the following parts, in or about the proportions named, viz: oak extract, four hundred and fifty pounds; gambia, one hundred pounds; sumac, one hundred  
15 pounds; wormwood, fifty pounds, and caustic soda, twenty-five pounds.

I do not confine myself to the above-named proportions of these parts, as they may be varied; but the proportions given form a compound which is effective in performing the  
20 functions for which it is intended.

I claim as my invention—

A boiler compound consisting of oak extract, gambia, sumac, wormwood, and caustic  
25 soda, mixed together in about the proportions named.

DAVIS R. BOOGHER.

Witnesses:

SAML. KNIGHT,  
BENJN. A. KNIGHT.