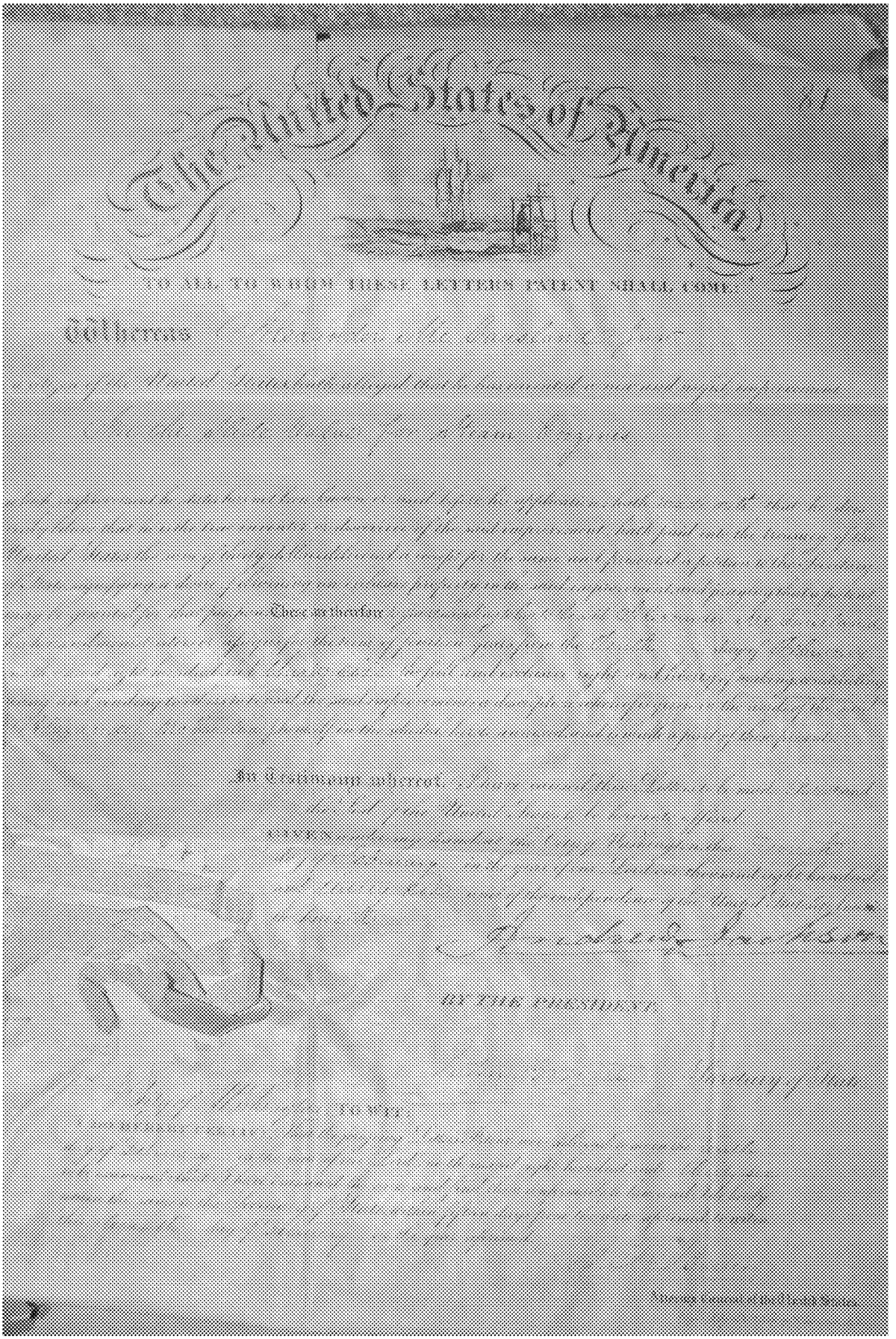
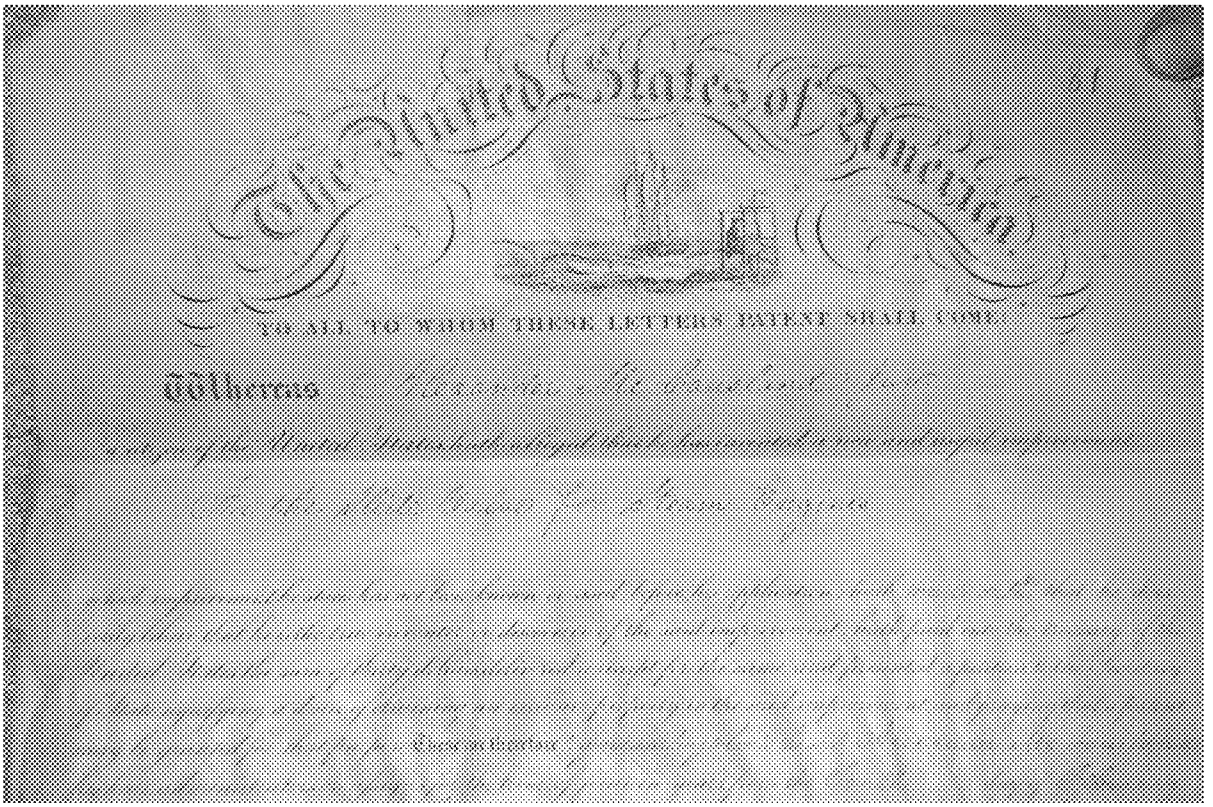
(12) **United States Patent**
McCausland, Jr.

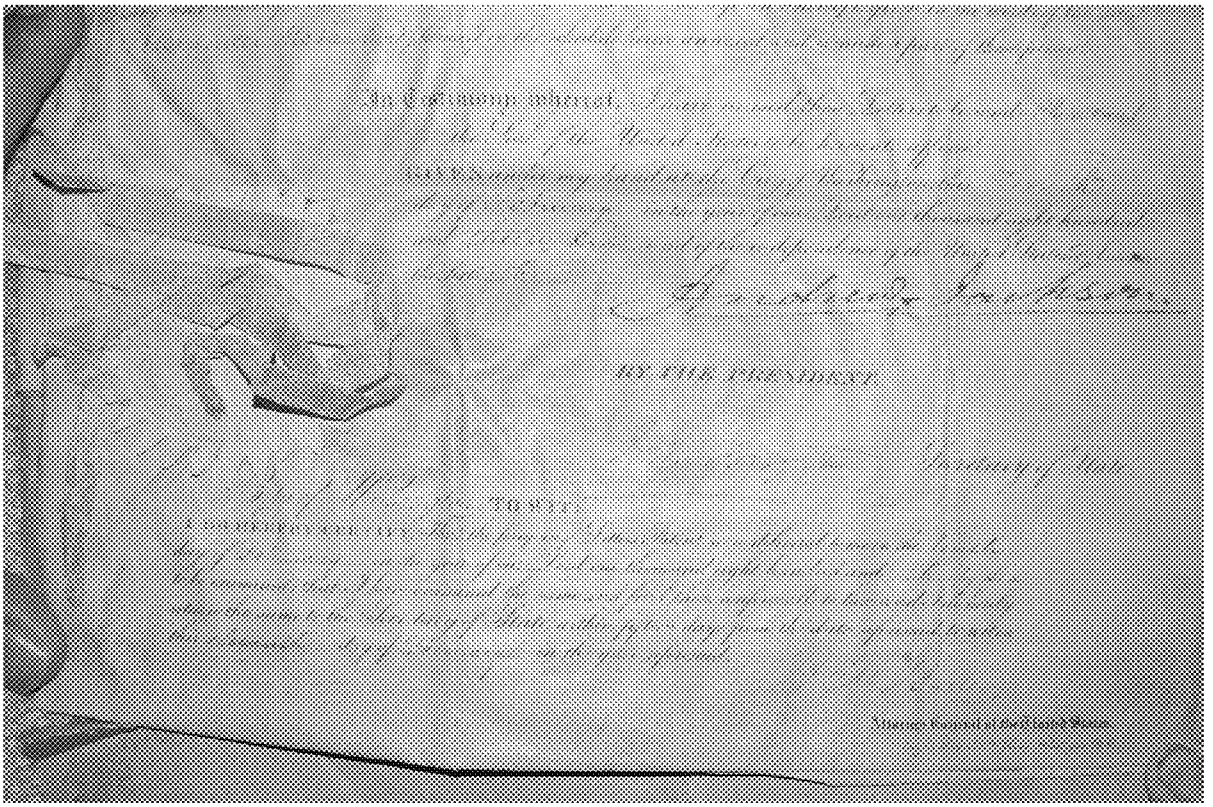
(10) **Patent No.: X9377**
(45) **Date of Patent: Feb. 10, 1836**

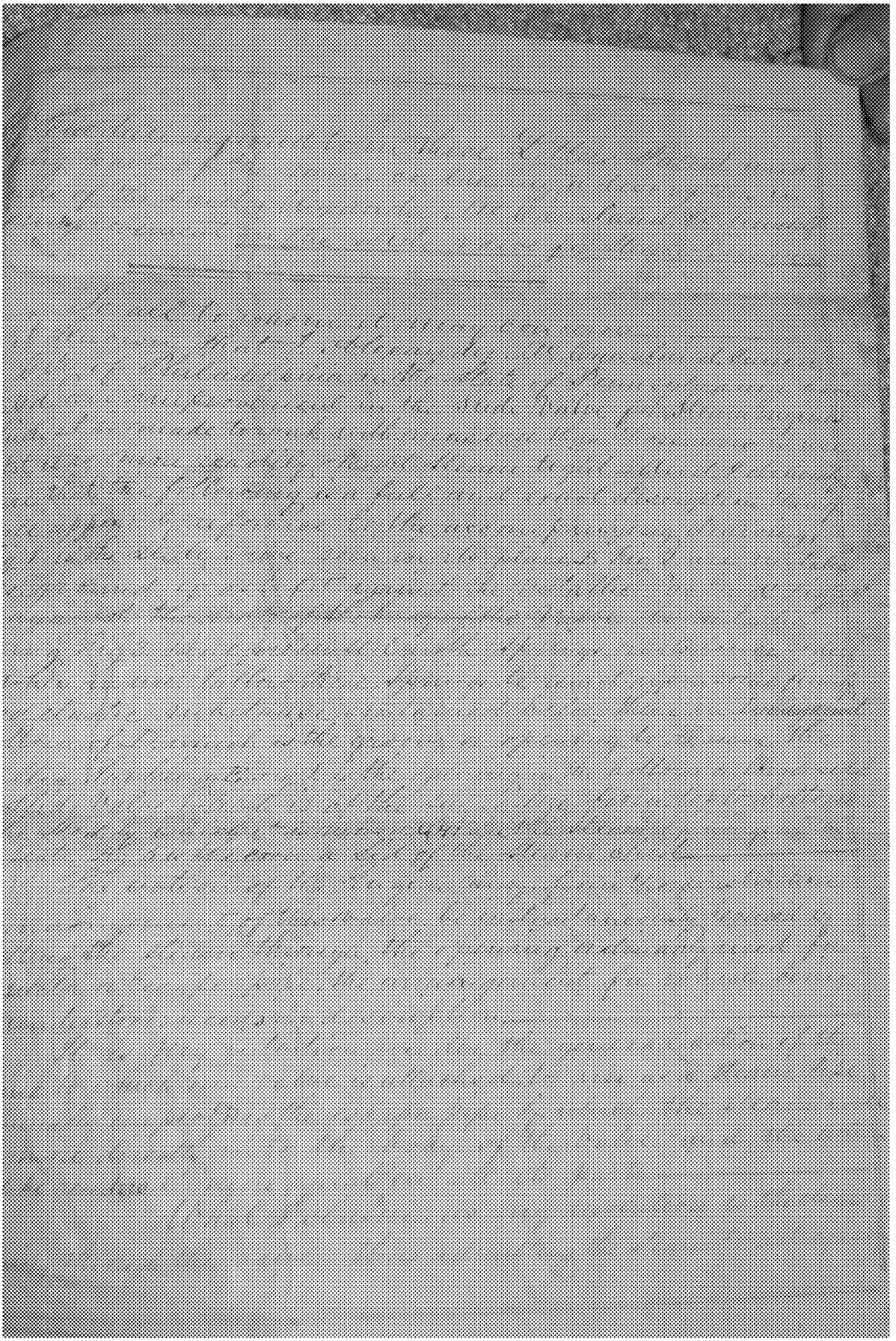
(54) **IMPROVEMENT IN THE SLIDE VALVE OF STEAM ENGINES**

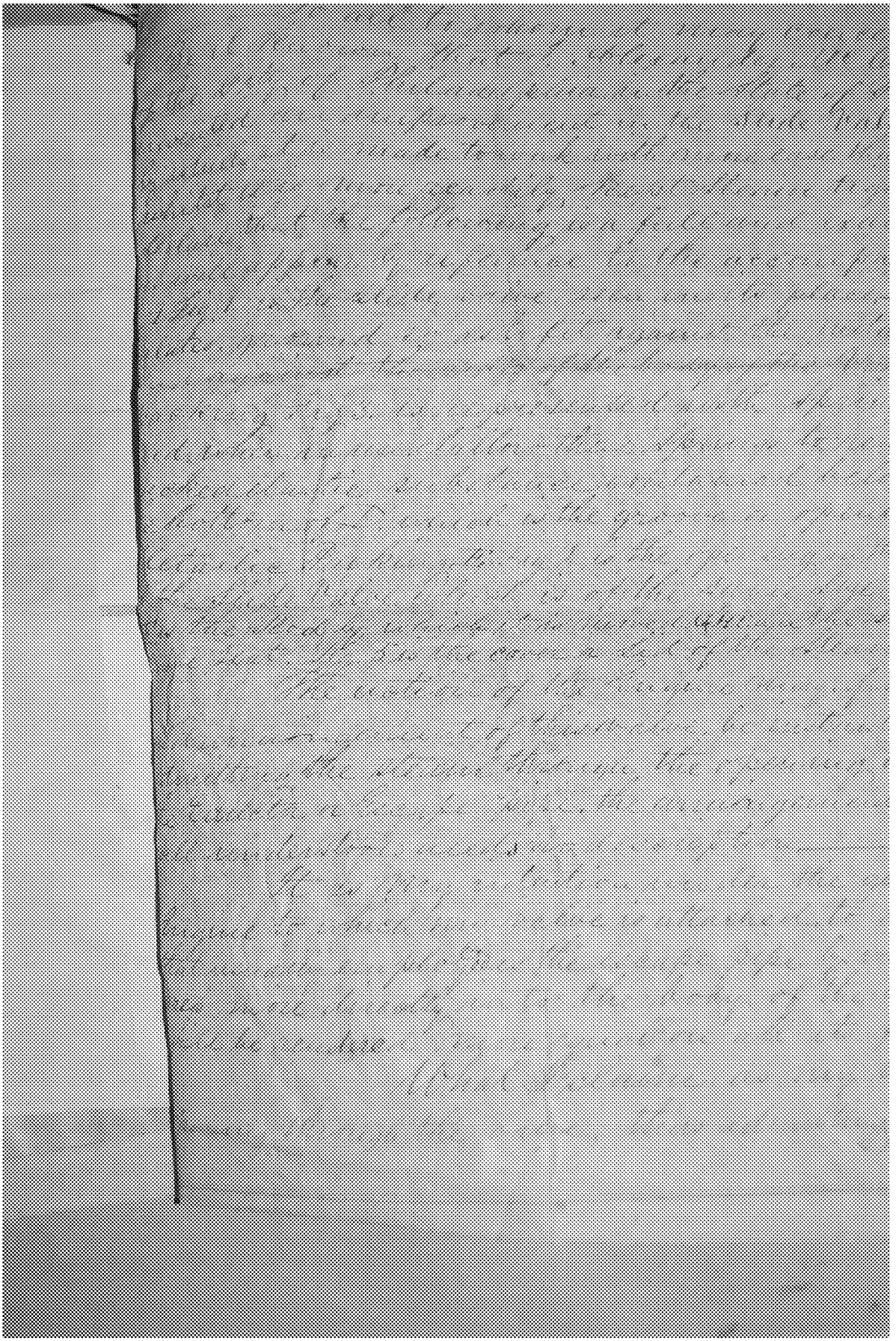
(76) Inventor: **Alexander McCausland, Jr.**

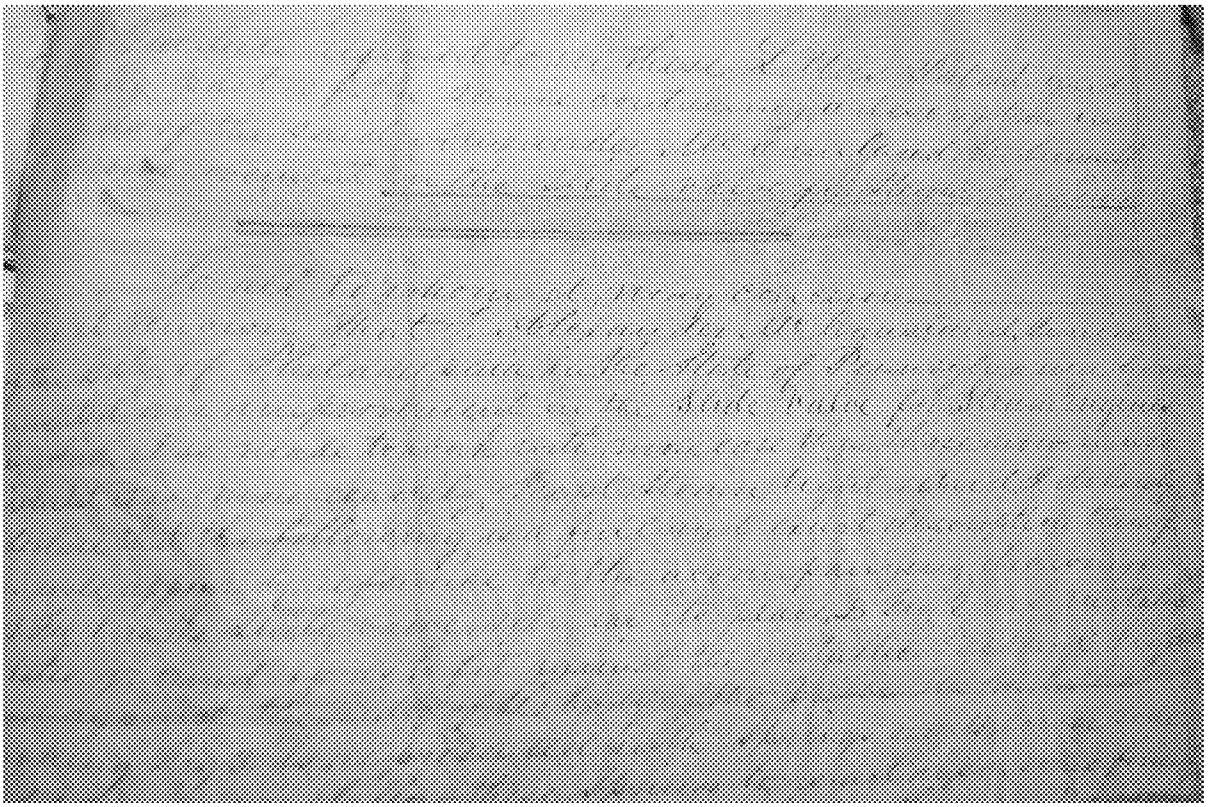


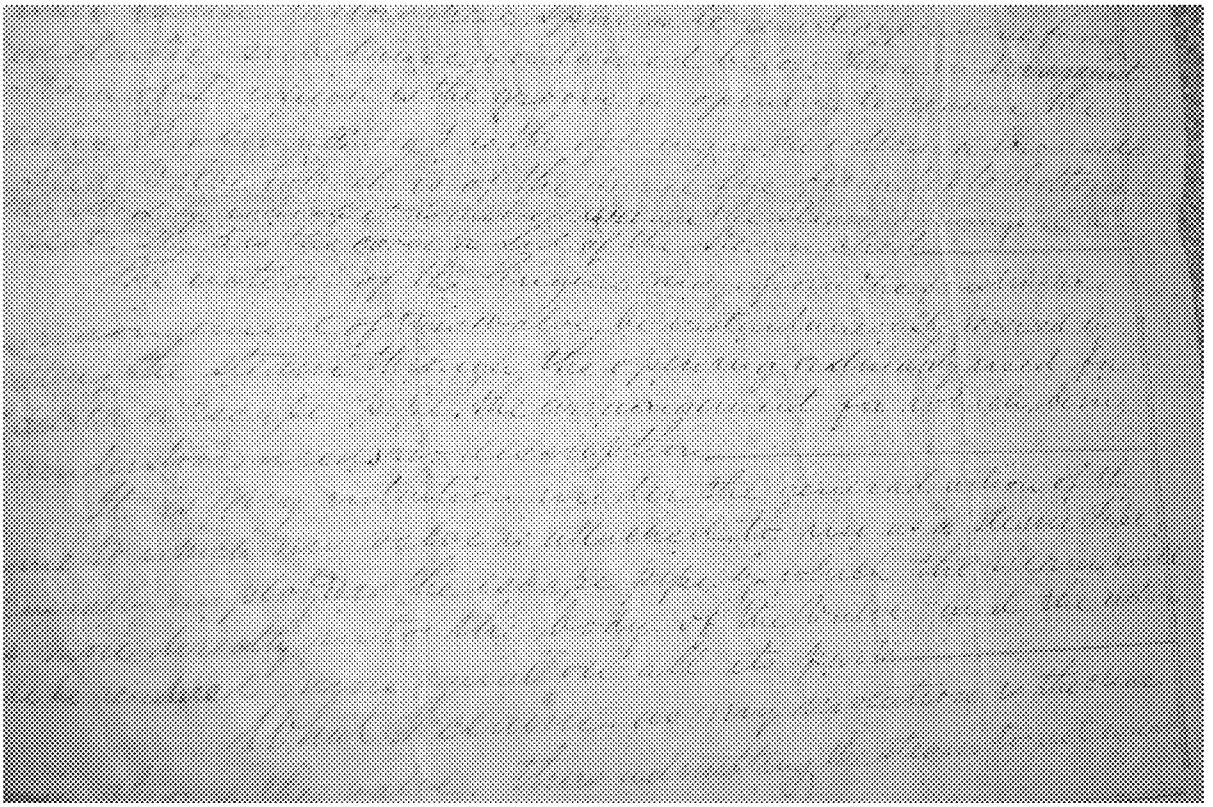

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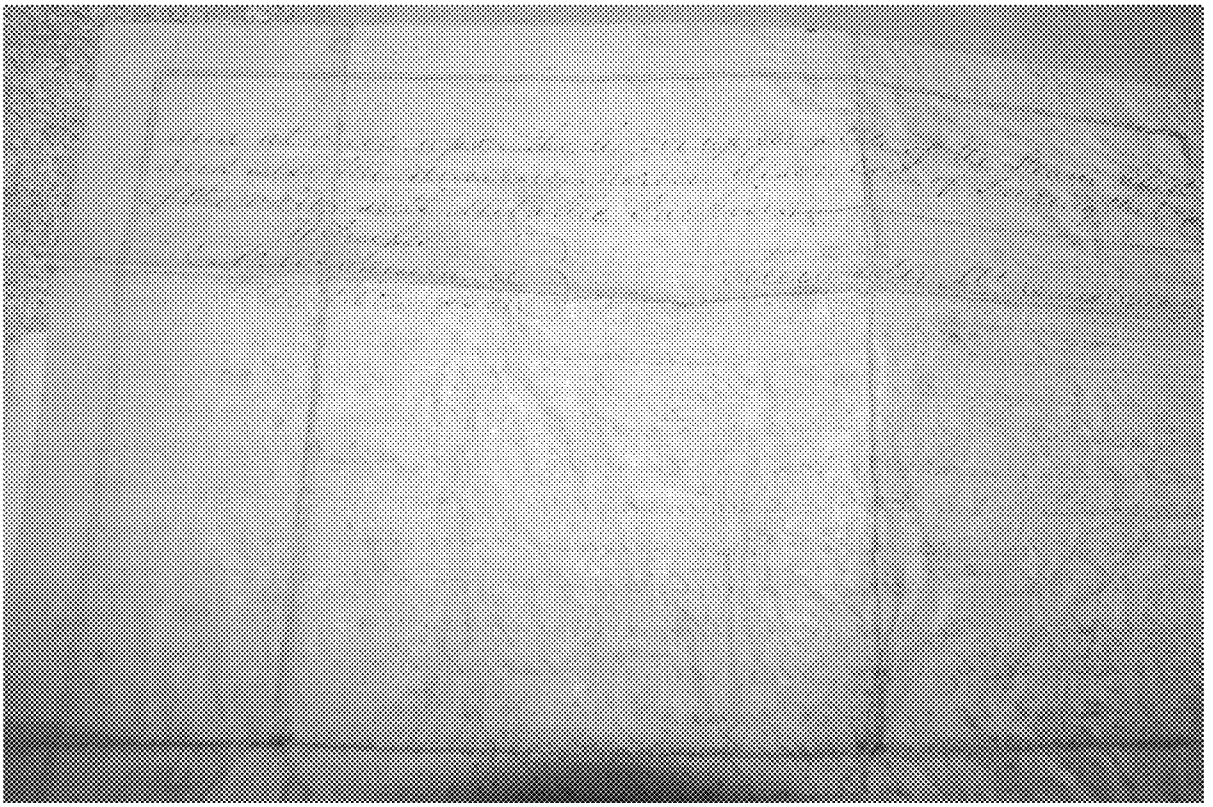


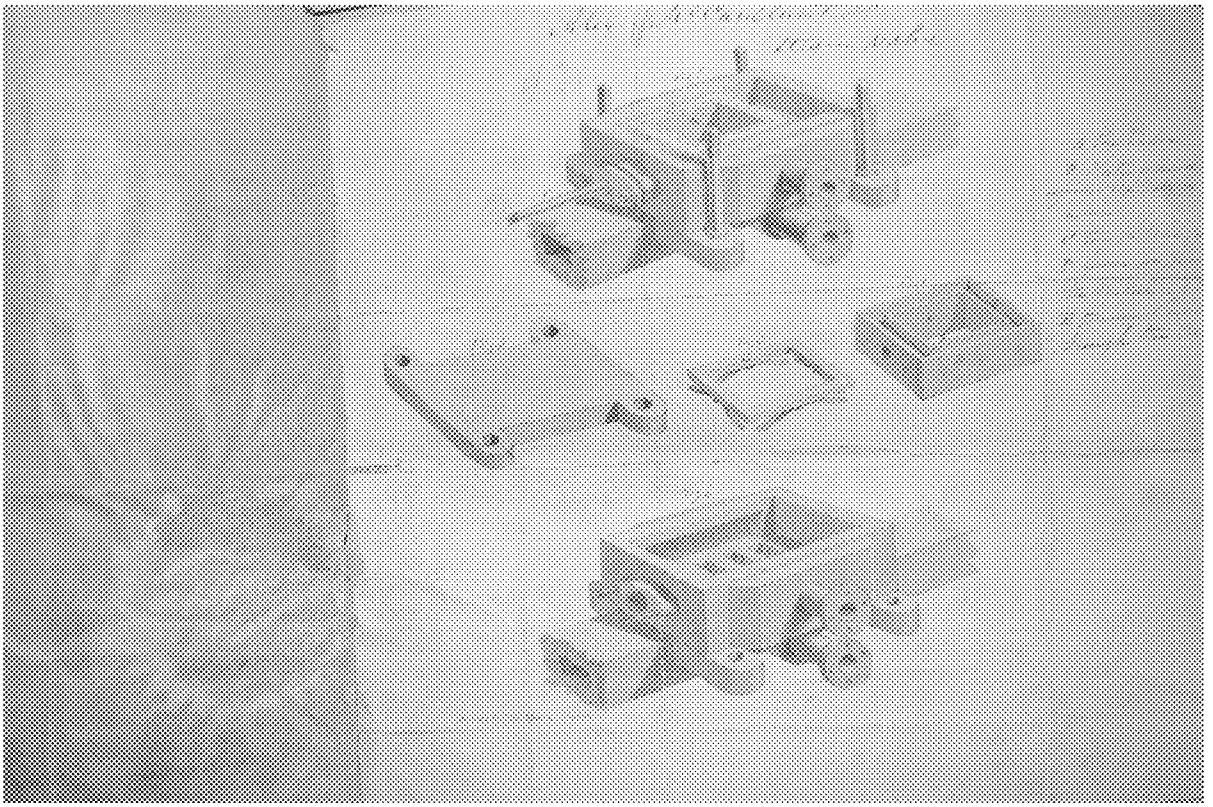


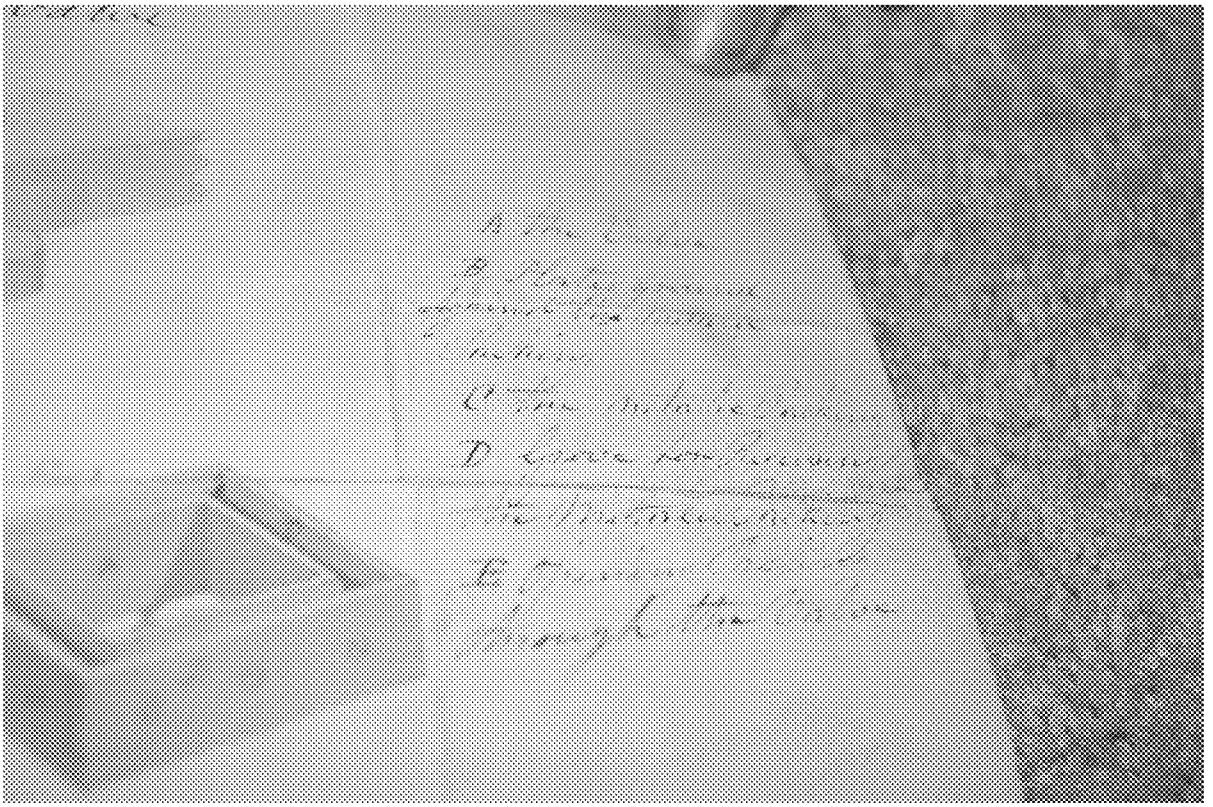


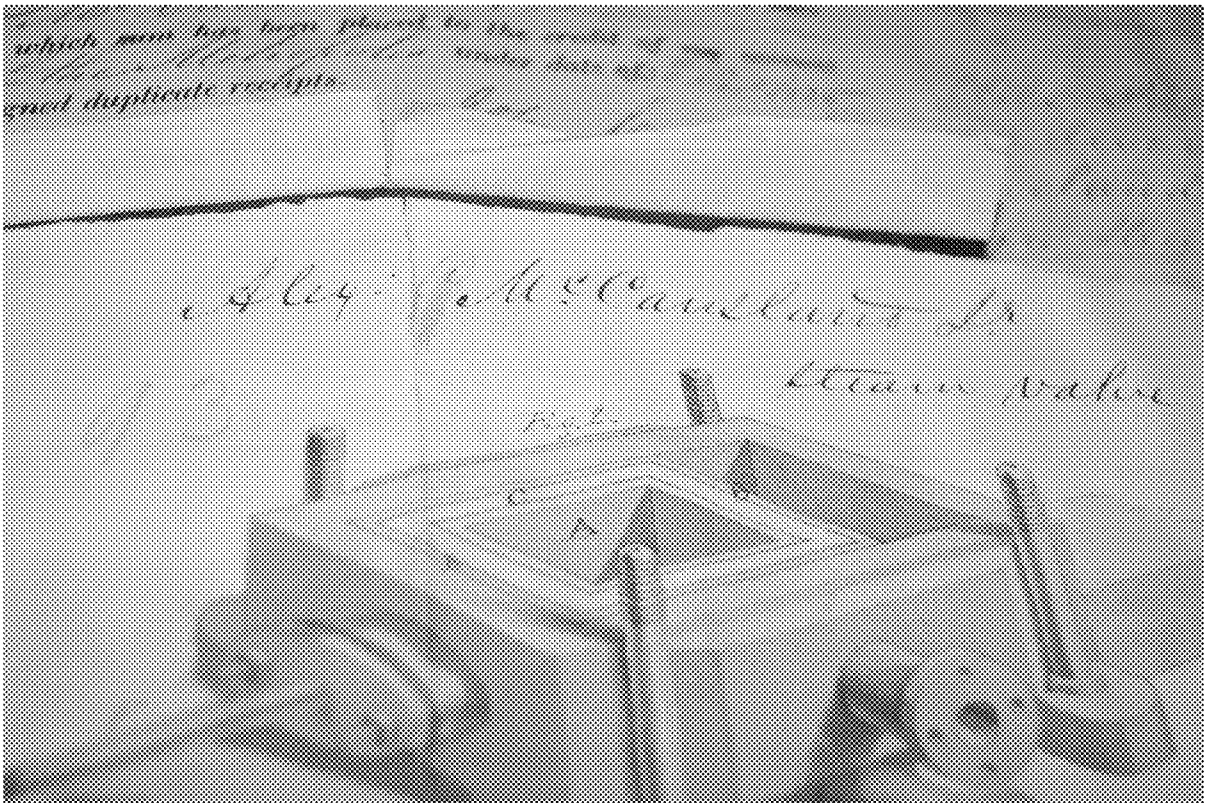


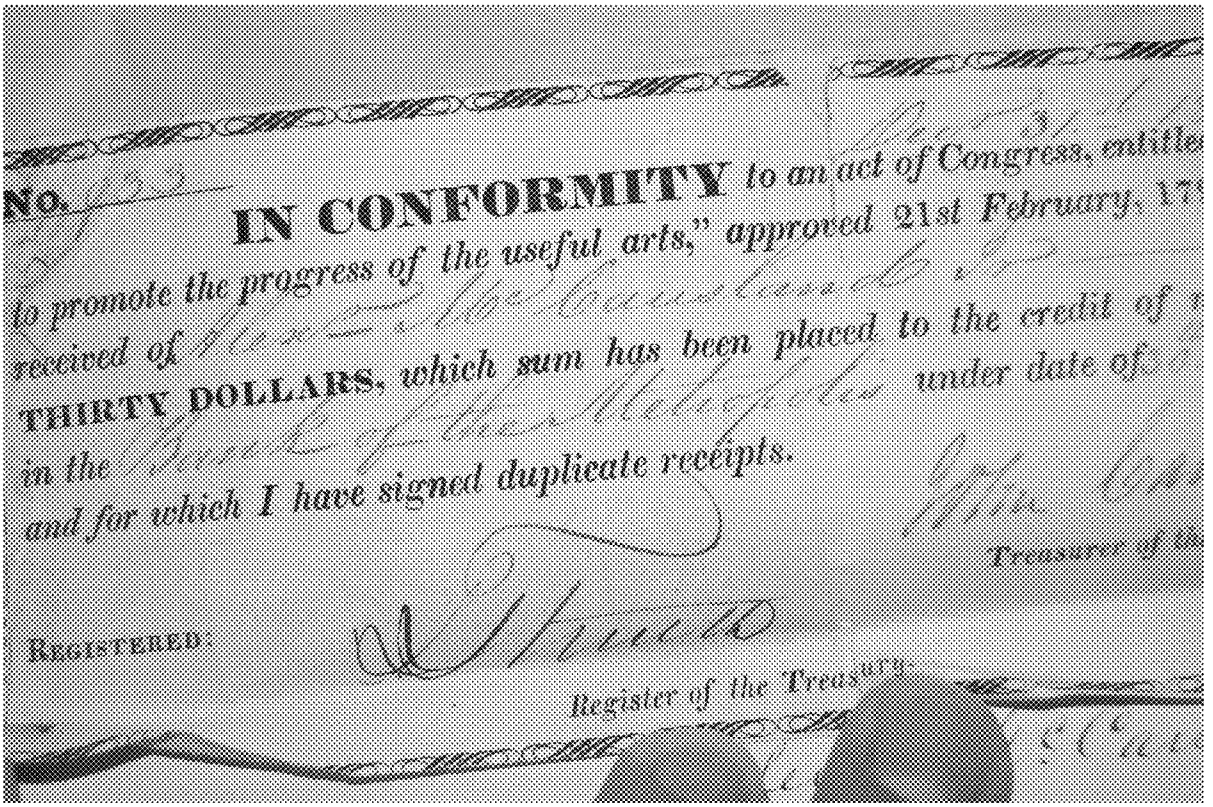











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and for which I have signed duplicate receipts.

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County of Orange)

I, Jami Rogers hereby swear (or affirm) that the attached reproduction of

The United States of America patent number 81 dated 1836 has the signature from President Andrew Jackson. It contains a seal and ribbon affixed to the document is white and the ribbon is yellow in color The document addresses one Alexander McCauslan of Junior. The document indicated that it is being awarded regarding "In the Slide valve for a steam engines."

Is a true correct and complete photocopy of a document in my possession.

(Signature of Custodian)

4081 Belvedere St., Irvine, Ca 92604 (address)

Subscribed and sworn to (or affirmed) before me on this 12 day of July, 2011

By Jami Rogers

who proved to me on the basis of satisfactory evidence to be the person(s) who appeared before me.

D. L. SMITH
Notary Public

D L Smith

Notary Signature

Seal

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ORANGE COUNTY
My Term Exp. Sept. 20, 2012