

(No Model.)

D. HESTON.
GREASE PROOF PAPER.

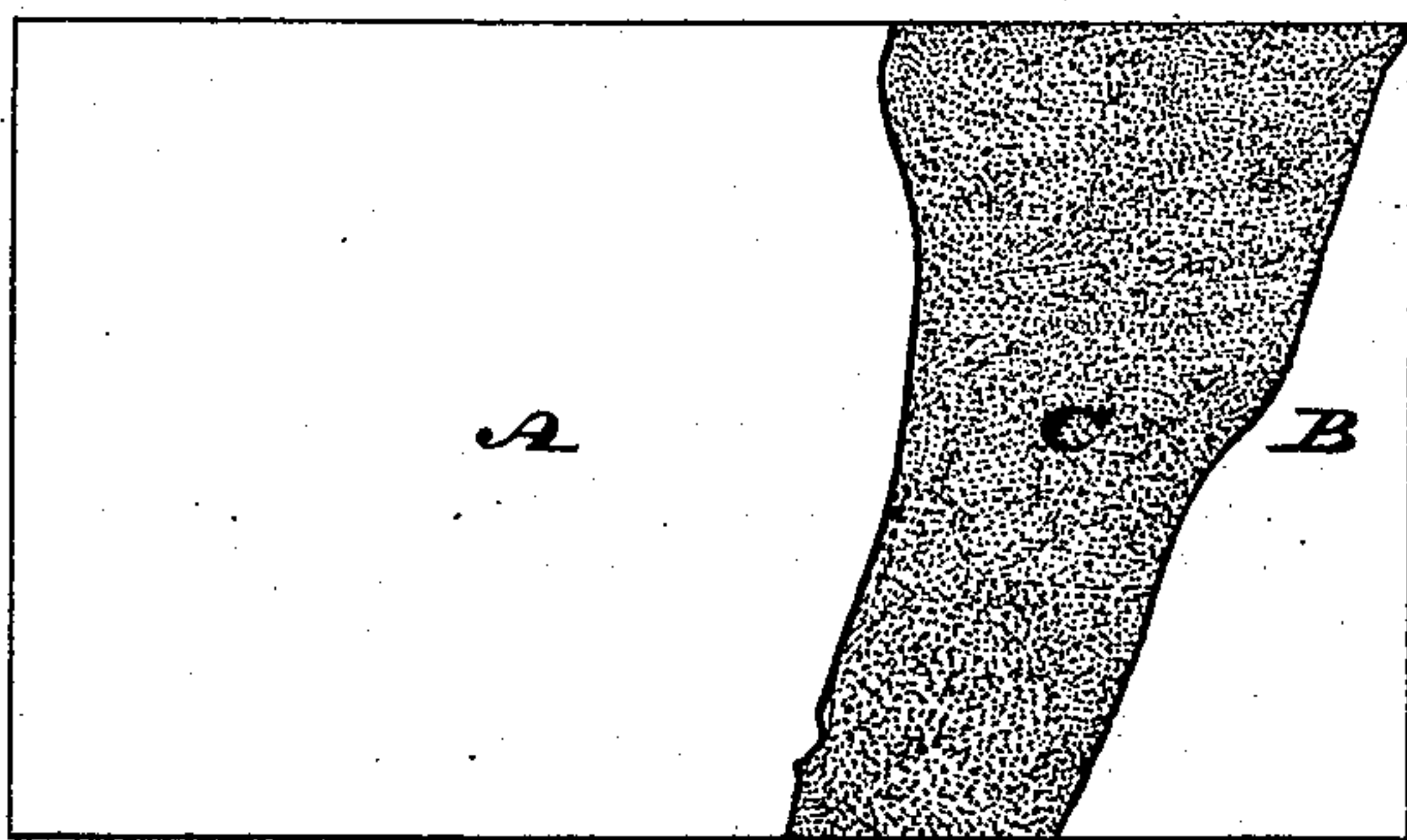
No. 337,155.

Patented Mar. 2, 1886.

Fig. 1.



Fig. 2.



WITNESSES:

W. P. Grant,
W. F. Kircher

INVENTOR:

David Heston
BY *John A. Wiedersheim*
ATTORNEY.

UNITED STATES PATENT OFFICE.

DAVID HESTON, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR TO BROWN,
HESTON & CO., OF SAME PLACE.

GREASE-PROOF PAPER.

SPECIFICATION forming part of Letters Patent No. 337,155, dated March 2, 1886.

Application filed November 9, 1885. Serial No. 182,291. (No model.)

To all whom it may concern:

Be it known that I, DAVID HESTON, a citizen of the United States, residing in the city and county of Philadelphia, State of Pennsylvania, have invented a new and useful Improvement in Grease-Proof Paper, which improvement is fully set forth in the following specification and accompanying drawings, in which—

10 Figure 1 represents a longitudinal section of a piece of grease-proof paper embodying my invention. Fig. 2 represents a face view thereof, the layers thereof being shown broken away.

15 Similar letters of reference indicate corresponding parts in the two figures.

My invention consists of a grease-proof paper formed of sheets of paper and silicate of soda or other alkaline equivalent.

20 In carrying out my invention, I take sheets A B of paper and interpose between the same a stratum, C, of silicate of soda or other alkaline equivalent, in a liquid condition, and roll the compound sheets of paper and alkali, or
25 subject the same to pressure, whereby the parts are firmly united as one.

In lieu of the above, I may take pulp, and, during the operation of forming the same into paper, introduce a layer or stratum of the alkali
30 into the pulp in such a manner that when the paper is produced it has a stratum of the alkali interposed between the outside sheets, the pa-

per in either case presenting the usual appearance of paper, admitting of being printed, cut, folded, &c.

When the paper is in use for boxes, wrappings, &c., should a material of greasy nature be placed against the same, the contiguous side of the paper may become greased; but the grease is prevented from passing through
40 the alkali; hence the opposite side of the paper or outside of the boxes, wrappings, &c., remains clean without the exhibition of grease.

In speaking of paper or paper-pulp from which the grease-proof paper is made, I include all kinds of paper or paper-stock, or
45 any combination of materials of which paper or board is or may be made.

Having thus described my invention, what I claim as new, and desire to secure by Letters
50 Patent, is—

1. Grease-proof paper formed of paper, and an inner stratum of silicate of soda or other alkaline equivalent, substantially as described.

2. A grease-proof paper formed of layers
55 of paper having between the same a stratum or layer of silicate of soda or other alkaline equivalent, all of said layers being so pressed together as to form a single sheet, substantially as described.

DAVID HESTON.

Witnesses:

JOHN A. WIEDERSHEIM,
A. P. GRANT.