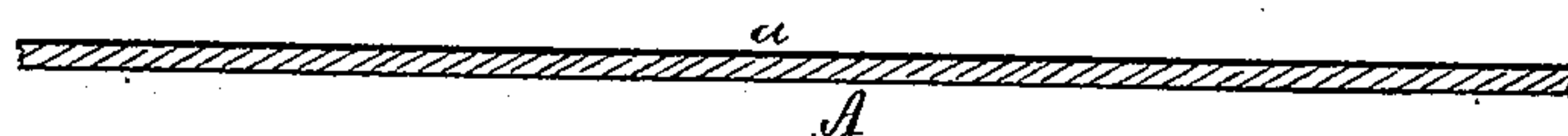


(Specimens.)

C. S. MURCH.  
MANUFACTURE OF BLOTTING PAPER.

No. 333,146.

Patented Dec. 29, 1885.



Witnesses.

L. N. Piper  
Ernest R. Pratt.

Inventor.

Charles S. Murch.  
by R. H. Eddy atty.

# UNITED STATES PATENT OFFICE.

CHARLES SUMNER MURCH, OF BOSTON, MASSACHUSETTS.

## MANUFACTURE OF BLOTTING-PAPER.

SPECIFICATION forming part of Letters Patent No. 333,146, dated December 29, 1885.

Application filed May 18, 1885. Serial No. 165,842. (Specimens.)

*To all whom it may concern:*

Be it known that I, CHARLES SUMNER MURCH, of Boston, in the county of Suffolk, of the Commonwealth of Massachusetts, have  
5 invented a new and useful Improvement in the Manufacture of Blotting-Paper; and I do hereby declare the same to be described in the following specification and represented in the accompanying drawing, which is a transverse  
10 section of a sheet of blotting-paper of my improved kind.

This improved manufacture of blotting-paper is capable on one side only of it of absorbing writing-ink, the other side of the sheet  
15 being covered with a lining layer or composition, such as will not only render it very smooth, but impervious to such ink, though capable of receiving printer's ink, or such as will dry on it without penetrating it.

20 Sheets of thick blotting-paper as usually made are absorbent of writing-ink when applied to either face of each of such sheets, and consequently when such a sheet has printing or an advertisement printed on one face of it  
25 parties using it are very apt to apply the printed face to the ink to be absorbed. As a consequence, the printing becomes soon covered more or less with the ink, so as to be wholly or partly illegible. By having the  
30 printed face a non-absorbent of writing-ink all such difficulty is avoided.

In carrying out my invention I cover one side of the sheet A of bibulous card-board or paper with a water-proof facing or lining or  
35 composition, a, such as when applied to a surface having upon it writing-ink in a liquid

state will not absorb such, such facing, lining, or composition being smooth and of a character to allow of printing with printer's ink being done upon it. A coating of a solution of  
40 starch may first be used for such lining, a coating of an alcoholic solution of shellac being subsequently applied to the starch coating after the latter may have become dry, the coating being spread upon the bibulous card-  
45 board by a brush or other suitable means; or the coating or lining may be a sheet of paper rendered water-proof or resisting by any proper way. After the facing, lining, or composition has been spread on the bibulous sheet,  
50 I usually calender such facing, lining, or composition by passing the sheet between rollers adapted to smooth the water-proofed or resisting surface only.

I claim as a new or improved manufacture— 55

1. A sheet or card of blotting-paper having one side or surface absorbent of writing-ink and the opposite side or surface covered with a water proof or resisting facing, lining, or composition, all being substantially as set  
60 forth.

2. A sheet or card of blotting-paper having one side or surface readily absorbent of writing-ink and the opposite side or surface covered with a calendered water-proof or resist-  
65 ing lining or composition, all being substantially as set forth.

CHARLES SUMNER MURCH.

Witnesses:

R. H. EDDY,  
ERNEST B. PRATT.