

(No Model.)

J. SCHUMACHER.

PATTERN SHEET.

No. 353,508.

Patented Nov. 30, 1886.

FIG. 1.

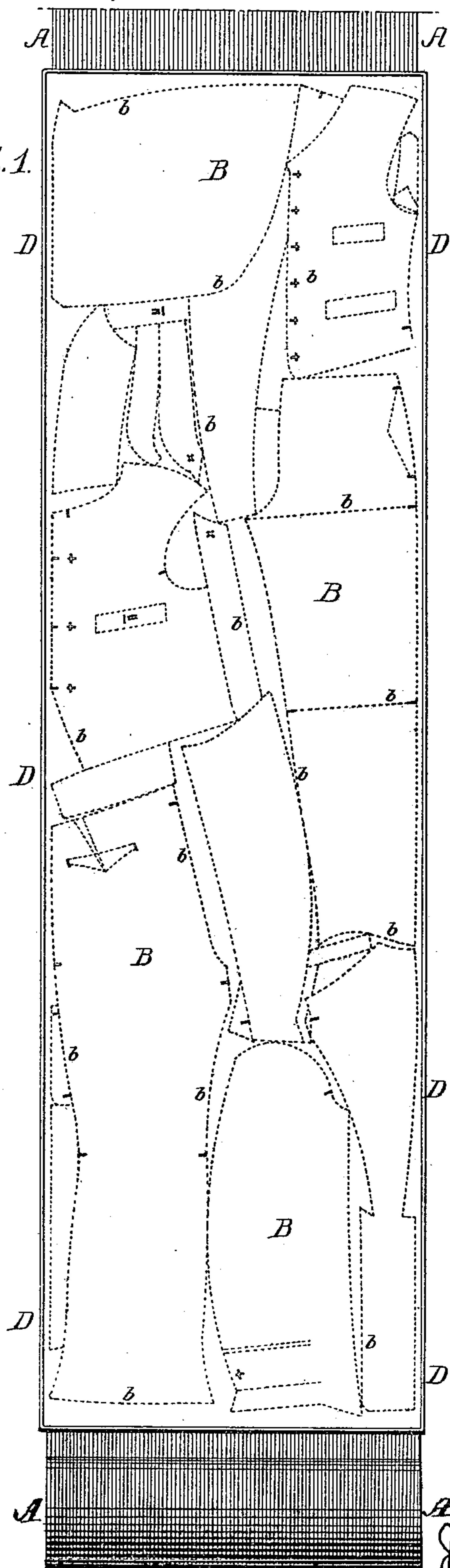
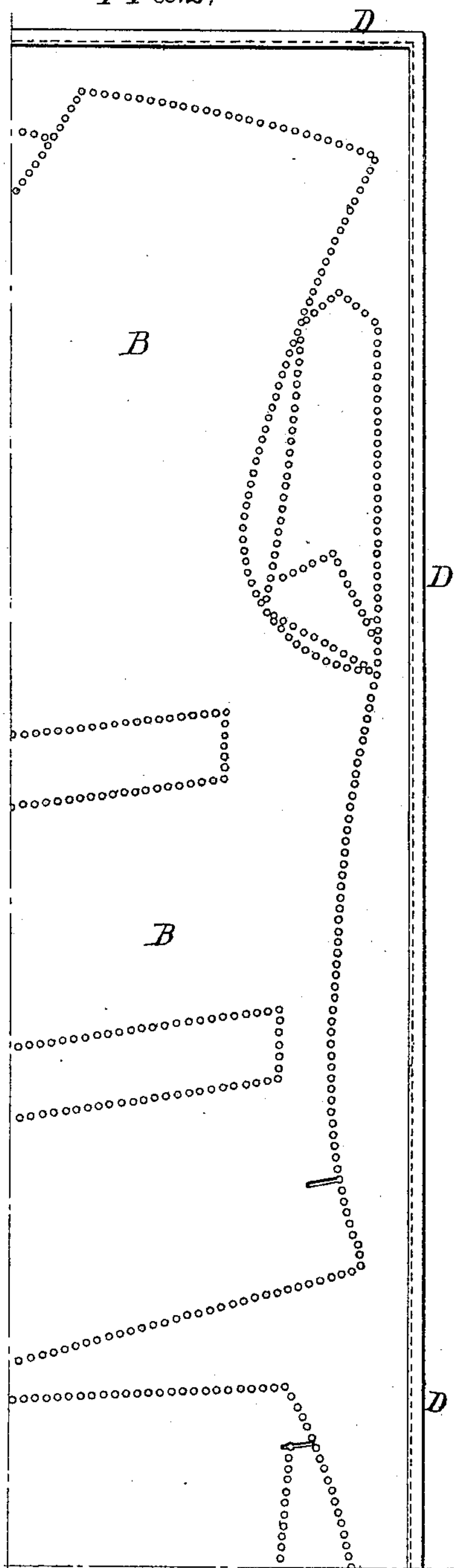


FIG. 2.



Witnesses  
Jno. E. Parker Jacob Schumacher  
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# UNITED STATES PATENT OFFICE.

JACOB SCHUMACHER, OF CAMDEN, NEW JERSEY.

## PATTERN-SHEET.

SPECIFICATION forming part of Letters Patent No. 353,508, dated November 30, 1886.

Application filed August 28, 1885. Serial No. 175,556. (No model.)

*To all whom it may concern:*

Be it known that I, JACOB SCHUMACHER, a citizen of the United States, residing in Camden, New Jersey, have invented certain Improved Pattern-Sheets, of which the following is a specification.

My invention consists of an improved pattern-sheet for tailors' use for marking out at one operation all the different parts of complete garments or suits of clothes directly upon the goods to be cut, as fully described herein-after.

In the accompanying drawings, Figure 1 is a view of my improved pattern-sheet for a suit of clothes, shown as laid on the goods to be marked and cut; and Fig. 2 is an enlarged view of a part of my improved pattern-sheet.

My invention is designed more particularly for use in large wholesale houses where numbers of suits are cut out of the cloth; and the object of my invention is to greatly lessen the time taken up in marking out the cloth to be cut, and to dispense with the skilled labor necessary for the tedious and troublesome task of arranging the different parts of the ordinary patterns, so that the cloth may be cut with the least possible waste.

In ordinary cases the patterns for the different pieces are separate outlines of paper or other material, and are laid on the cloth to be cut by the operator, one after the other, and marked out, so that it is a very tedious operation, and much valuable time is consumed, and skilled labor required in deciding which is the best arrangement of the parts for the most economical cutting of the cloth. To overcome these difficulties I make the pattern for all the different parts of a complete garment or an entire suit on one sheet of paper or other suitable material, and this pattern sheet I make of a width to fit the cloth or woven goods to be cut, so that it simply becomes necessary to lay it on the cloth and mark out through the lines of perforations of the pattern-sheet the lines of the pieces for the complete garment or complete suit without any fitting of the different parts of the pattern, and on the removal of the pattern-sheet the cloth is ready for the cutter.

In carrying out my invention I make use of the system of perforating the pattern-sheet and stenciling or dusting a suitable marking-

powder through the lines of perforations onto the cloth.

In Fig. 1 A represents the roll of woven goods from which the suit is to be cut, the material being unrolled to a length sufficient for the suit; and B is one of my improved pattern-sheets, which is shown as laid on the top of the unrolled portion of the goods ready for the application of the marking-powder through the lines of perforations *b*. This drawing shows my improved pattern-sheet with lines of perforations for all the different parts of a complete suit, no one pattern overlapping another, and in this case the sheet is intended to be applied to double-width goods, so that all the parts are duplicated in the cutting.

In using my invention in wholesale clothing-houses it will be simply necessary to have a number of these pattern-sheets to cut out the different average sizes usually made. When a suit is to be cut, the pattern-sheet B of the proper size is laid on a length, A, of the woven goods and the marking-powder dusted through the lines of perforations *b*, so that on removing the pattern-sheet again a complete suit is ready to be cut out, all the parts going to make up the suit being thus ready arranged for the most economical cutting of the cloth, since the entire pattern-sheet is of a width to fit the cloth to be cut, so that no skilled labor is required in arranging and marking the parts. Moreover, a great economy of time results from my invention.

Although I have said that my invention is mainly intended for wholesale clothing-houses, it may be used by tailors and others generally with good effect.

In practice I prefer to make the pattern-sheet of heavy paper, which can be rolled up, and in order to protect the edges I sew around the margins a binding-tape, D, as shown in Fig. 2.

I am aware that perforated pattern-sheets are not new, and that the fabrics themselves have had printed on them directly the outlines of the parts to be cut. But I believe it is new to make a perforated pattern-sheet of the width of the goods to be cut, and having all the parts of a complete garment marked out in lines of perforations which do not overlap.



I claim as my invention—

1. As a new article of manufacture, a pattern-sheet for marking clothing, said pattern-sheet having all the parts of a complete garment or complete suit marked out in lines of perforations which do not overlap, the said pattern-sheet being of a width to fit the woven goods to be cut.
2. As a new article of manufacture, the herein-described pattern-sheet, having the parts of a complete garment or suit marked

out in lines of perforations, and having its margins provided with a protective binding, substantially as set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JACOB SCHUMACHER.

Witnesses:

WILLIAM F. DAVIS,  
HUBERT HOWSON.