

O. P. DORMAN.
Shirt-Collars.

No. 137,537.

Patented April 8, 1873.

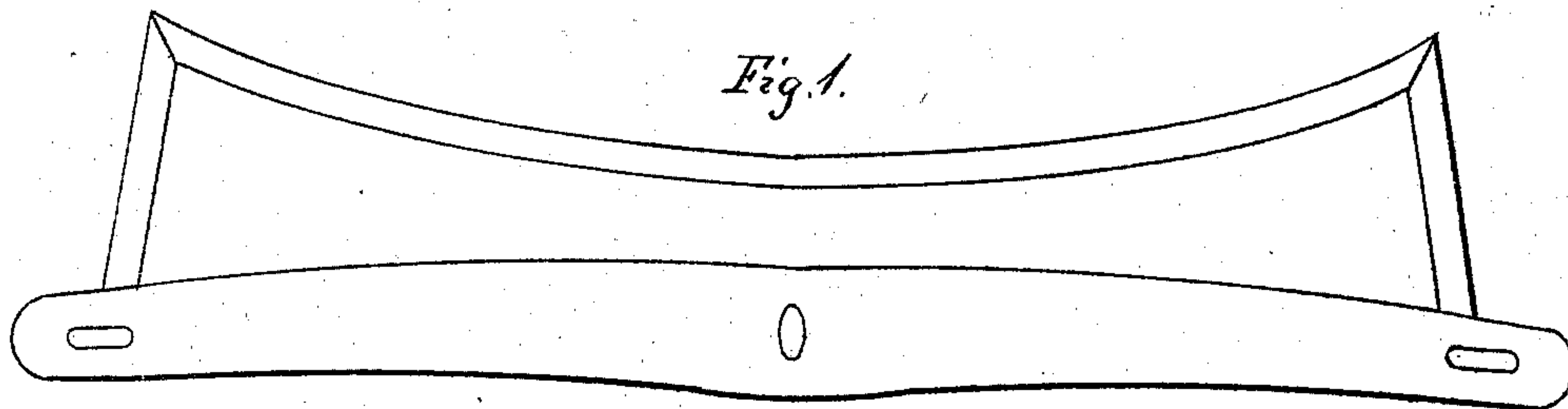


Fig. 2.



Witnesses

Alex. Mahon
Jno. Williams

Inventor

O. P. Dorman
by A. L. Smith
Attorney

UNITED STATES PATENT OFFICE.

ORLANDO P. DORMAN, OF NEW YORK, N. Y.

IMPROVEMENT IN SHIRT-COLLARS.

Specification forming part of Letters Patent No. **137,537**, dated April 8, 1873; application filed January 11, 1873.

To all whom it may concern:

Be it known that I, ORLANDO P. DORMAN, of New York, county of New York, State of New York, have invented a new and useful Improvement in Shirt-Collars, of which the following is a full, clear, and exact description.

In the accompanying drawing, Figure 1 represents a plan or face view of a collar; and Fig. 2 represents a section through the collar, showing the patched button-hole.

Collars have hitherto been made of a kind of paper now known in the market as collar-paper. They have also been made of that kind of paper faced with muslin, the muslin forming the whole of the outer surface of the collar. The latter are known as "cloth-faced" collars. Collars made of ordinary collar-paper have also been strengthened at the button-holes by patches of cloth pasted or glued around the orifice intended for the button. These collars are generally known as "patch-button"-hole collars.

The object of this invention is to produce an article which will supersede the cloth-faced and patch-button-hole collars above mentioned, which shall be superior in finish, strength, and durability to either or any paper collar now known, as well as more agreeable to the wearer. This object is attained by facing a collar made of ordinary collar-paper with a kind of paper of the sort known as parchment-paper, but a variety of the same particularly adapted to the intended purpose, and invented by O. P. DORMAN, also by patching the button-holes of a collar composed of collar-paper with the same variety of parchment-paper.

The manner of working is to unite two sheets or rolls of paper, one of ordinary collar-paper, the other of the parchment-paper referred to. The latter is made with the object of securing a paper which shall have, in combination, great toughness, pliability, white color of the shade of linen, and be, at the same time, thin enough not to make the whole collar too stiff when

united to the backing of collar-paper. This is accomplished by giving the stuff extra time in the engine, and by forming the stock, by preference, of these ingredients: New silk, new linen, flax, and hemp, in suitable proportions.

The exact proportions of the ingredients it would be impossible to give in every instance. Due regard being had to the strength required and the object for which the paper is used, a skilled workman will vary the proportions to suit the particular object in view; otherwise the paper is made as ordinary parchment-paper, but as thin as possible compatible with the strength required. The sheets are united by paste or glue, or the paper may be made in rolls, and a roll of collar-paper and of the parchment-paper united. The compound fabric is calendered and polished in the ordinary way, and the collars are cut from it. These collars may be threaded, enameled or unenameled linen or cotton, threaded or smooth; in any case they make the most perfect paper collar for beauty and strength ever produced.

The patch-button-hole collar is made by strengthening the button-hole by pasting a patch of the parchment-paper referred to around the button-hole. This makes a great improvement upon cloth-patches, the button-hole being nearly twice as strong as when patched with cloth, as well as presenting a much better appearance; at the same time it is not too rigid for practical use.

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

As a new article of manufacture, the herein-described collar composed of collar-paper and parchment-paper, substantially as described.

In testimony whereof I have hereunto set my hand this 7th day of January, A. D. 1873.

ORLANDO P. DORMAN.

Witnesses:

SIMON H. STERN,
HENRY H. ROOT.