

I. BROOKS.

CLOTH SHEARING MACHINE.

No. 183,897.

Patented Oct. 31, 1876.

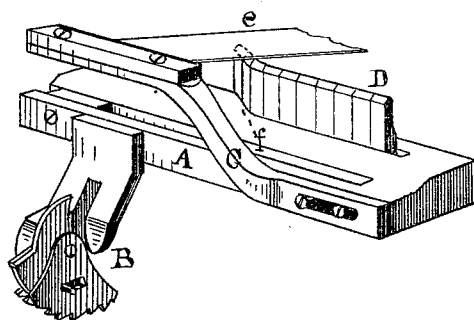


Fig. 1.

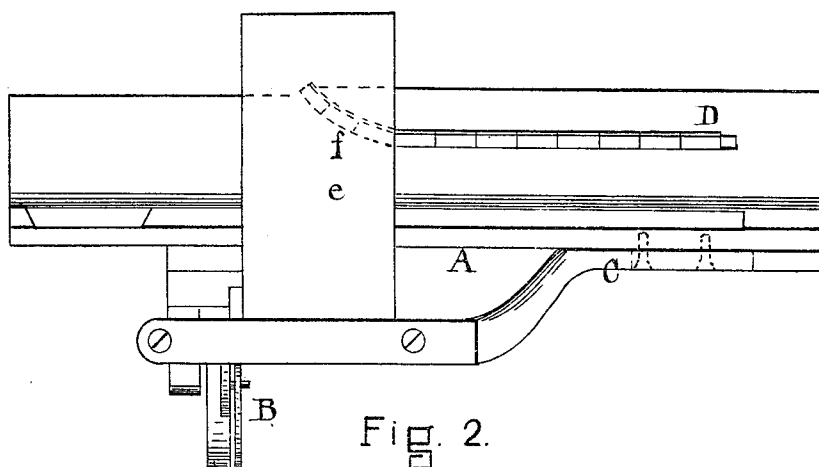


Fig. 2.

WITNESSES

Frank G. Parker
Frederic Raymond

Isaac Brooks
INVENTOR
by Fred. W. Latta
Latta

UNITED STATES PATENT OFFICE.

ISAAC BROOKS, OF DOVER, NEW HAMPSHIRE.

IMPROVEMENT IN CLOTH-SHEARING MACHINES.

Specification forming part of Letters Patent No. **183,897**, dated October 31, 1876; application filed August 5, 1876.

To all whom it may concern:

Be it known that I, ISAAC BROOKS, of Dover, New Hampshire, have invented an Improvement in Cloth-Shearing Machine, of which the following is a specification:

This invention relates to an attachment for cloth-shearing machines to protect the selvage from the action of the shearing-knife.

It is here described as applied to the cloth-shearing machines of Woolson, patented August 16, 1864.

In the drawing, Figure 1 is an illustration, in perspective, of the gage-bar, feelers, and rest with this attachment applied.

A is the gage-bar. B represents the feelers, and D is the movable rest, upon which the cloth is sheared. At *f* is the angle over which the selvage runs. All these parts are similar to the parts in the Woolson machine.

In shearing cloth with a long-fibered selvage, the fibers are very apt to be cut, and my invention is to attach to the gage-bar A a bracket, C, carrying a strip of paper, thin smooth cloth, or other suitable fabric, *e*, which covers the selvage in the operation of shearing, and protects the fibers from destruction.

I claim—

In combination with the rest D of a cloth-shearing machine, the strip of thin smooth fabric *e*, extended over the selvage of the cloth at the angle of the rest, and protecting the fibers of the selvage in the operation of shearing, substantially as described.

ISAAC BROOKS.

Witnesses:

C. H. FOSS,

CHARLES H. SAWYER.