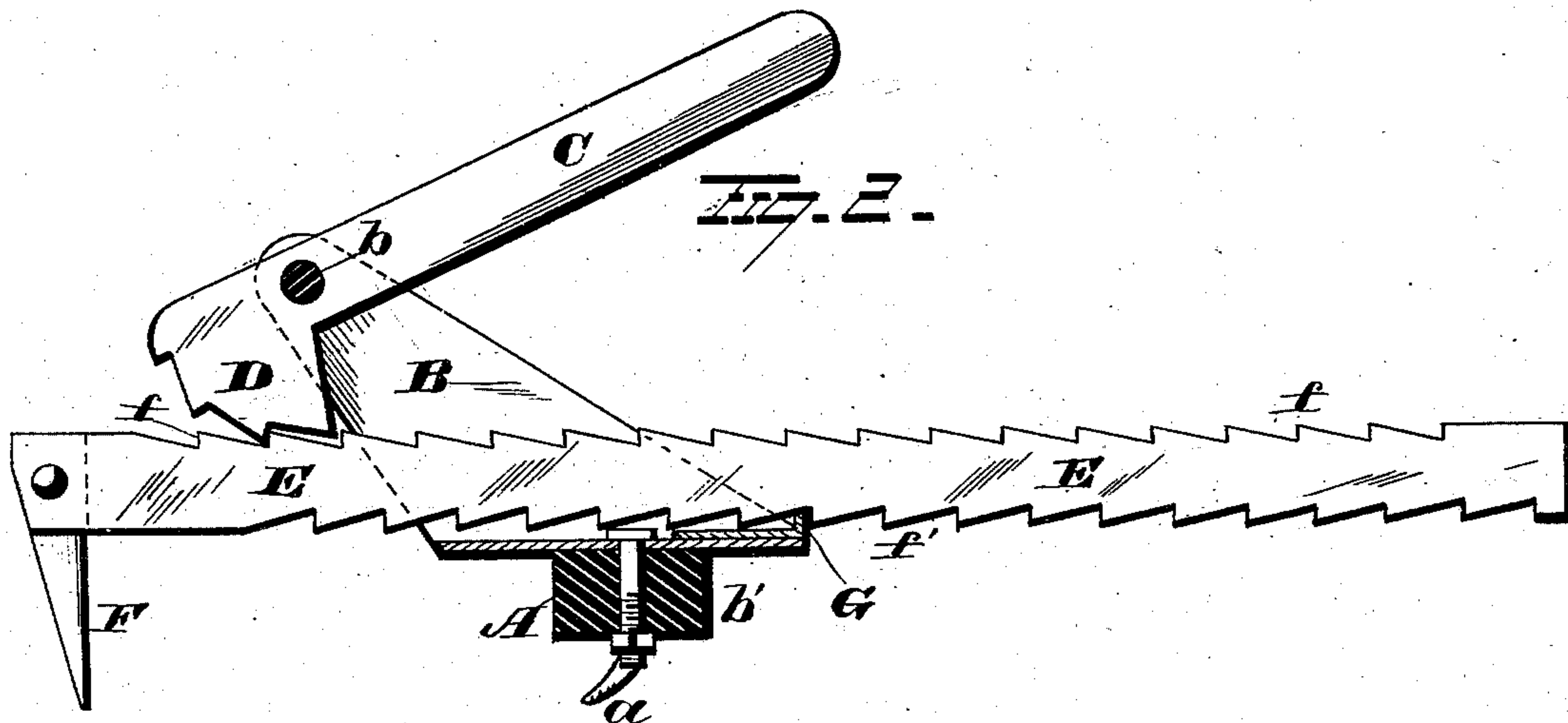
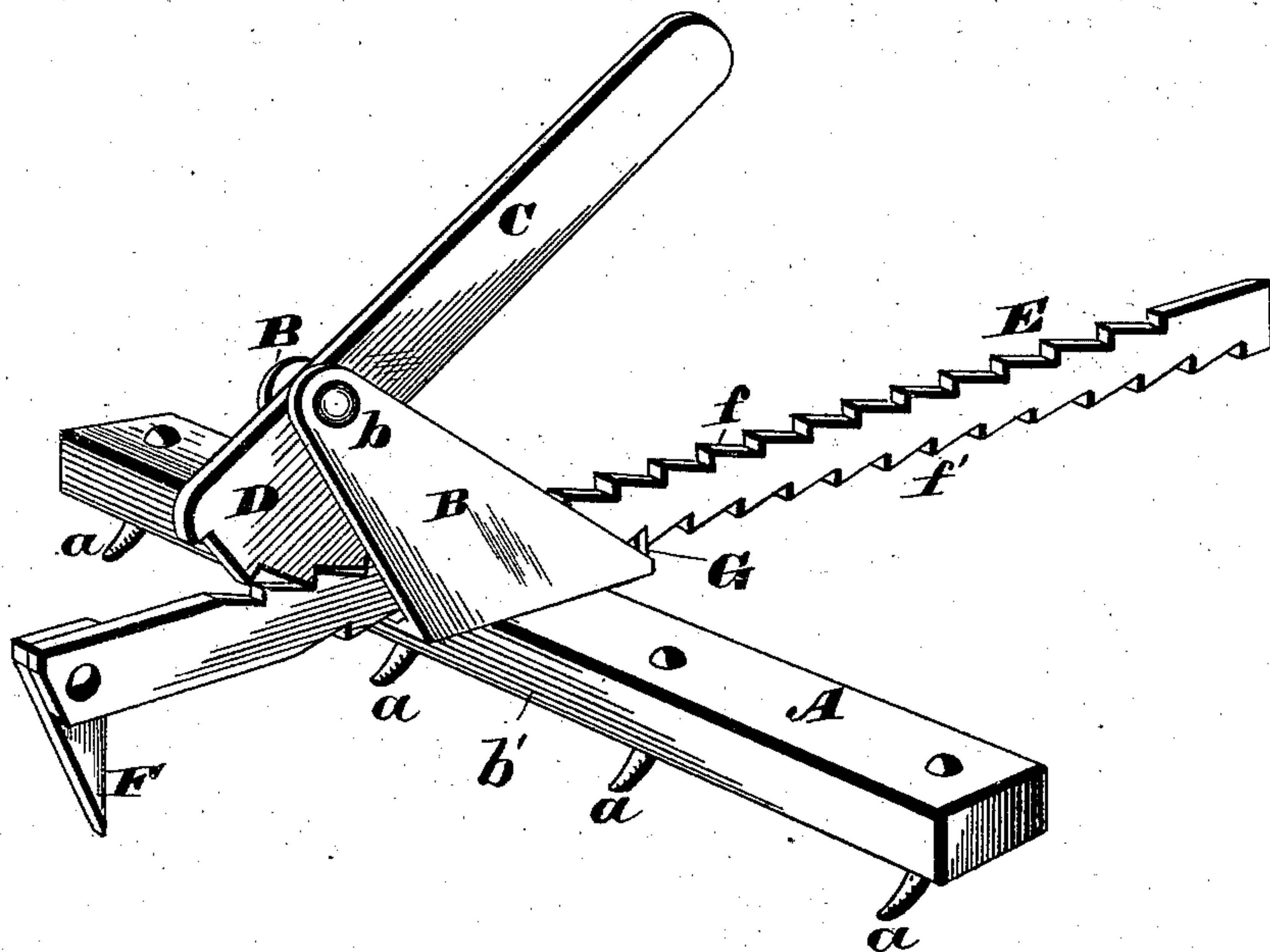


(No Model.)

H. S. WING.
CARPET STRETCHER.

No. 283,053.

Patented Aug. 14, 1883.



WITNESSES
S. L. Nottingham.
J. F. Downing.

INVENTOR
Henry S. Wing.
By F. A. Symonds.
Attorney

UNITED STATES PATENT OFFICE.

HENRY S. WING, OF ASHTABULA, OHIO, ASSIGNOR TO JENNIE A. WING, OF
SAME PLACE.

CARPET-STRETCHER.

SPECIFICATION forming part of Letters Patent No. 283,053, dated August 14, 1883.

Application filed October 14, 1882. Renewed July 2, 1883. (No model.)

To all whom it may concern:

Be it known that I, HENRY S. WING, of Ash-
tabula, in the county of Ashtabula and State
of Ohio, have invented certain new and useful
5 Improvements in Carpet-Stretchers; and I do
hereby declare the following to be a full, clear,
and exact description of the invention, such as
will enable others skilled in the art to which it
pertains to make and use the same.

10 My invention relates to carpet-stretchers,
the object being to provide a device of the
character which will be of simple and economi-
cal construction, durable in use, and adapted
to securely hold the claw-arm of the stretcher
15 in any position to which it may be forced by
the operating-lever.

The invention consists in the combination,
with a bed-piece, of standards for supporting
an operating-lever, a catch secured between
20 said standards, and an arm provided at both
its upper and lower edge with a toothed rack,
and carrying a claw for engaging the carpet.

In the drawings, Figure 1 is a perspective
view, and Fig. 2 is a vertical longitudinal sec-
25 tion, of my improvement.

A represents the bed-piece of the stretcher,
provided with teeth or hooks *a*, adapted to se-
cure the bed-piece in place.

B B represent inclined standards secured to
30 the upper side of the bed-piece, and support-
ing between their upper ends, on a pivot or
pin, *b*, an operating-lever, C, provided with a
toothed segment, D, for engaging the teeth of
the claw-arm E. The latter is provided at its
35 forward end with a claw, F, for engaging the
carpet; and at both its upper and lower edge
with a toothed rack, *f* and *f'*. The upper
rack, *f*, is adapted to be engaged by the toothed
segment of the operating-lever, while the lower
40 rack, *f'*, which is formed of teeth oppositely

inclined to those of the rack *f*, is adapted to
engage an upwardly-projecting catch, G, se-
cured between the lower ends of the standards
B B. These standards may be formed from a
single piece of metal, as shown, and secured to 45
the bed-piece by screws passing through the
horizontal connecting-piece *b'*; or the same
may be made separate and secured to the bed-
piece in any preferred manner.

It will be observed that by the construction 50
thus described the lower rack, *f'*, of the claw-
arm is engaged by the catch G at each move-
ment of the arm, and the latter may be held
securely at any desired adjustment without the
inconvenience of retaining a hold upon the op- 55
erating-lever.

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

1. In a carpet-stretcher, the combination, 60
with the bed-piece and standards, of a claw-
arm provided with two oppositely-inclined
racks, adapted, respectively, to engage an op-
erating-lever, and a catch, substantially as set
forth. 65

2. In a carpet-stretcher, the combination,
with a bed-piece provided with hooks, of two
standards secured thereto, an operating-lever
provided with a toothed segment, a catch se-
cured between said standards, and an arm pro- 70
vided at one end with a claw for engaging the
carpet, and with a toothed rack at both its up-
per and lower edges, substantially as described.

In testimony whereof I have signed this
specification in the presence of two subscrib- 75
ing witnesses.

HENRY S. WING.

Witnesses:

NEHEMIAH HUBBARD,
T. E. HOYT.