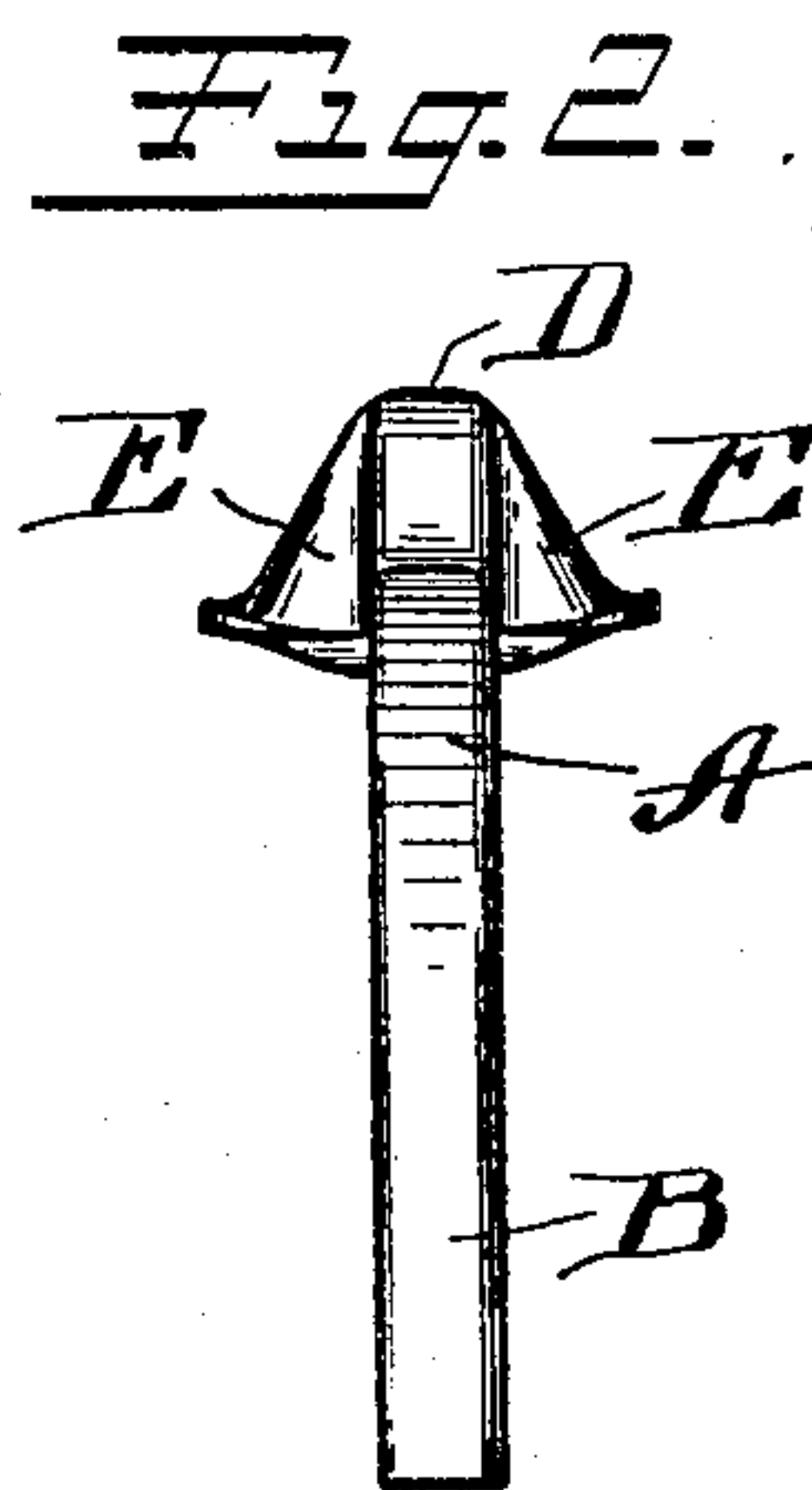
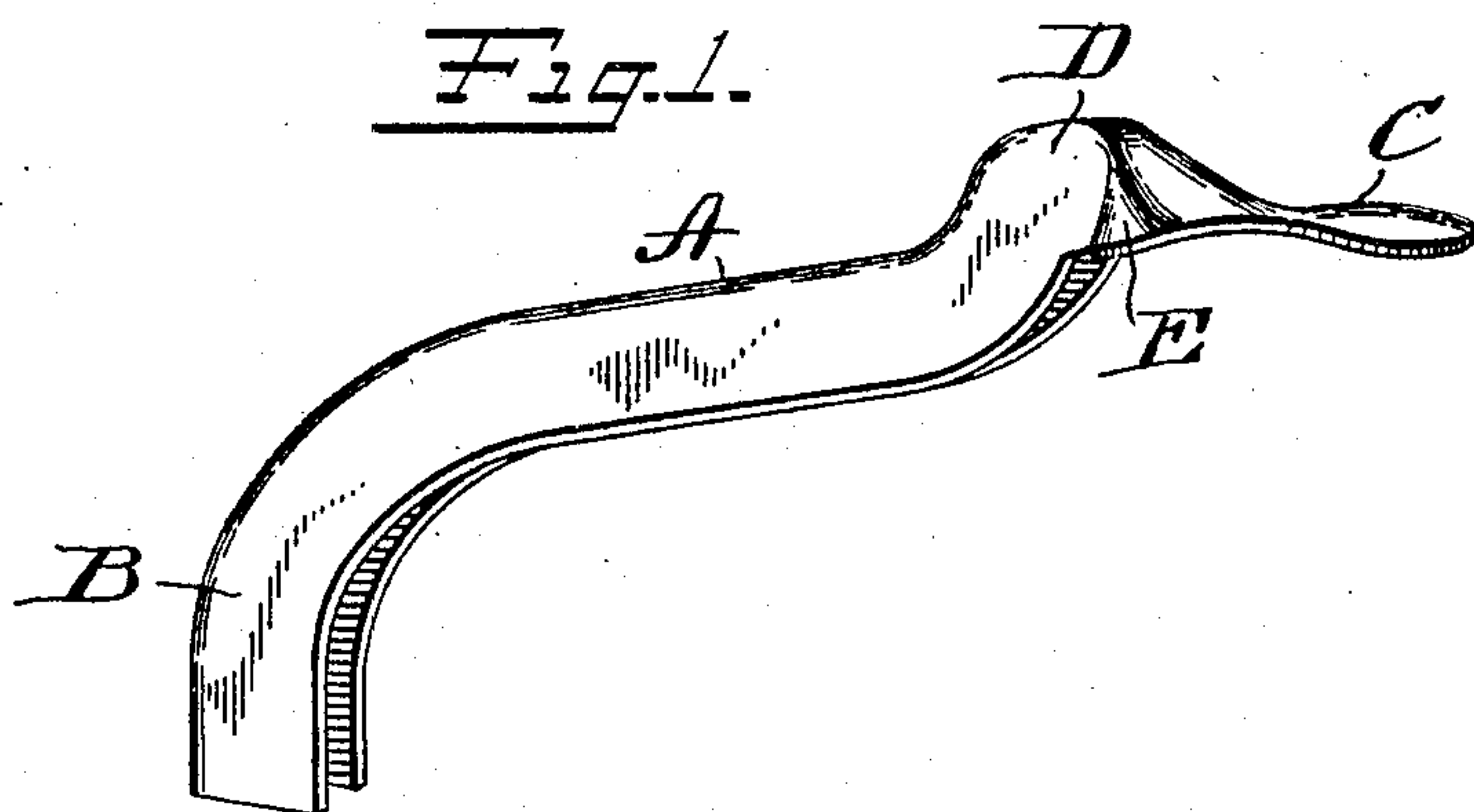


No. 796,965.

PATENTED AUG. 8, 1905.

W. H. HART.
LATCH LIFTING MEMBER.
APPLICATION FILED MAR. 20, 1905.



Witnesses
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UNITED STATES PATENT OFFICE.

WALTER H. HART, OF NEW BRITAIN, CONNECTICUT, ASSIGNOR TO
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LATCH-LIFTING MEMBER.

No. 796,965.

Specification of Letters Patent.

Patented Aug. 8, 1905.

Application filed March 20, 1905. Serial No. 251,121.

To all whom it may concern:

Be it known that I, WALTER H. HART, a citizen of the United States, residing at New Britain, county of Hartford, and State of Connecticut, have invented certain new and useful Improvements in Latch-Lifting Members, of which the following is a full, clear, and exact description.

My invention relates to improvements in latches, and particularly to the construction of the latch-lifting member.

The main object of my invention is simplicity of construction and economy of production.

As ordinary thumb-latches are well known, it is unnecessary for me to illustrate herein anything except the particular member to which this improvement is confined.

In the accompanying drawings, Figure 1 is a perspective view of a latch-lifting member constructed to embody my invention. Fig. 2 is an end elevation thereof looking from left to right.

The article is made from a flat sheet of metal, and the transformation of the same into the finished article is brought about by the use of suitable dies, the particular construction of which is immaterial to this invention.

In the drawings, A represents the shank of a latch-lifting member, which at one end terminates in the hooked portion B and at the other end in the flattened finger-piece C. The hooked member, as well as the shank, is hollowed on its lower side by bending down the opposite edges of the metal so that the shank will assume a U-shaped cross-sectional outline. The thumb-piece C may be curved to corre-

spond with the outline of the usual thumb-piece, and this thumb-piece C is connected to the shank A by what I term the "crown" D, the side walls E E of which crown diverge gradually from the parallel into said flattened thumb-piece, and thus strengthen and substantially support the flattened thumb-piece, giving to it great rigidity even though it may be formed of comparatively thin metal.

From the foregoing description it will be seen that the latch-lift member as a whole is very light, may be cheaply and quickly produced, and yet, because of its novel formation, will possess great strength and rigidity. In the drawings I have not attempted to illustrate the particular form that the article would assume in its finished condition; but as to general outline the drawings furnish a sufficient illustration. Of course the open side of the channeled portion of the shank may be closed in, if desired, without departing from the spirit and scope of my invention.

What I claim is—

A latch-lift member comprising a shank, a hook at one end thereof, said shank and hook being hollowed, a flattened thumb-piece at the other end of said shank, and an intermediate crown between said thumb-piece and shank, the sides of said crown gradually diverging so as to merge the opposite side walls of the shank into the plane of said flattened thumb-piece.

WALTER H. HART.

Witnesses:

E. W. CHRIST,
A. H. STARKEY.