

H. B. KERR.
WINDOW SHADE TOOL.
APPLICATION FILED SEPT. 24, 1906.

900,741.

Patented Oct. 13, 1908.

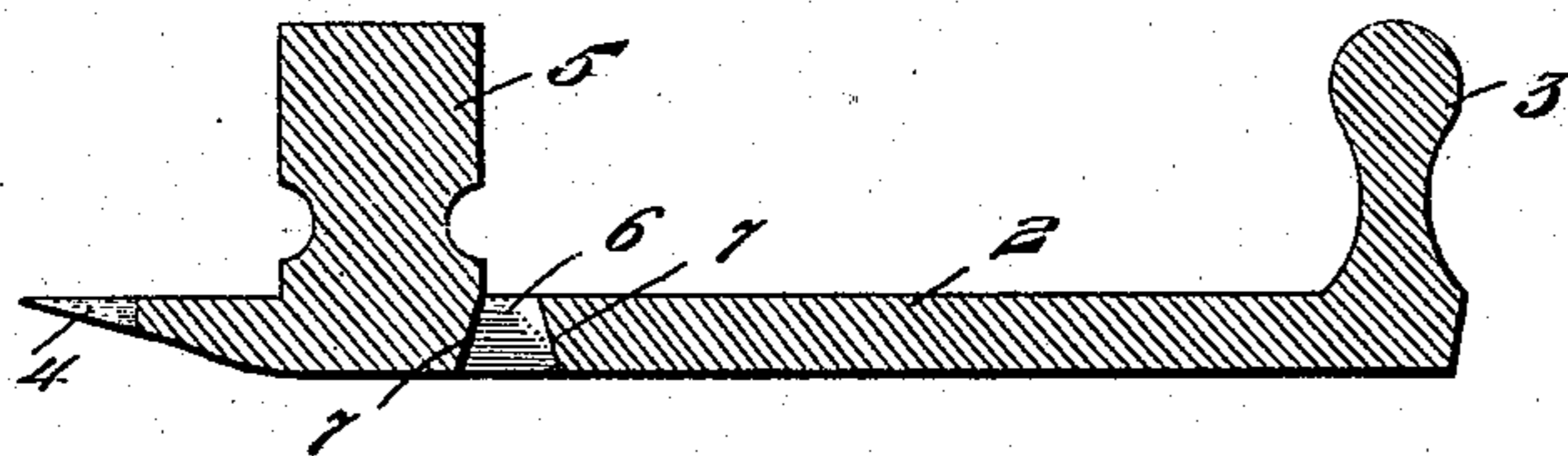
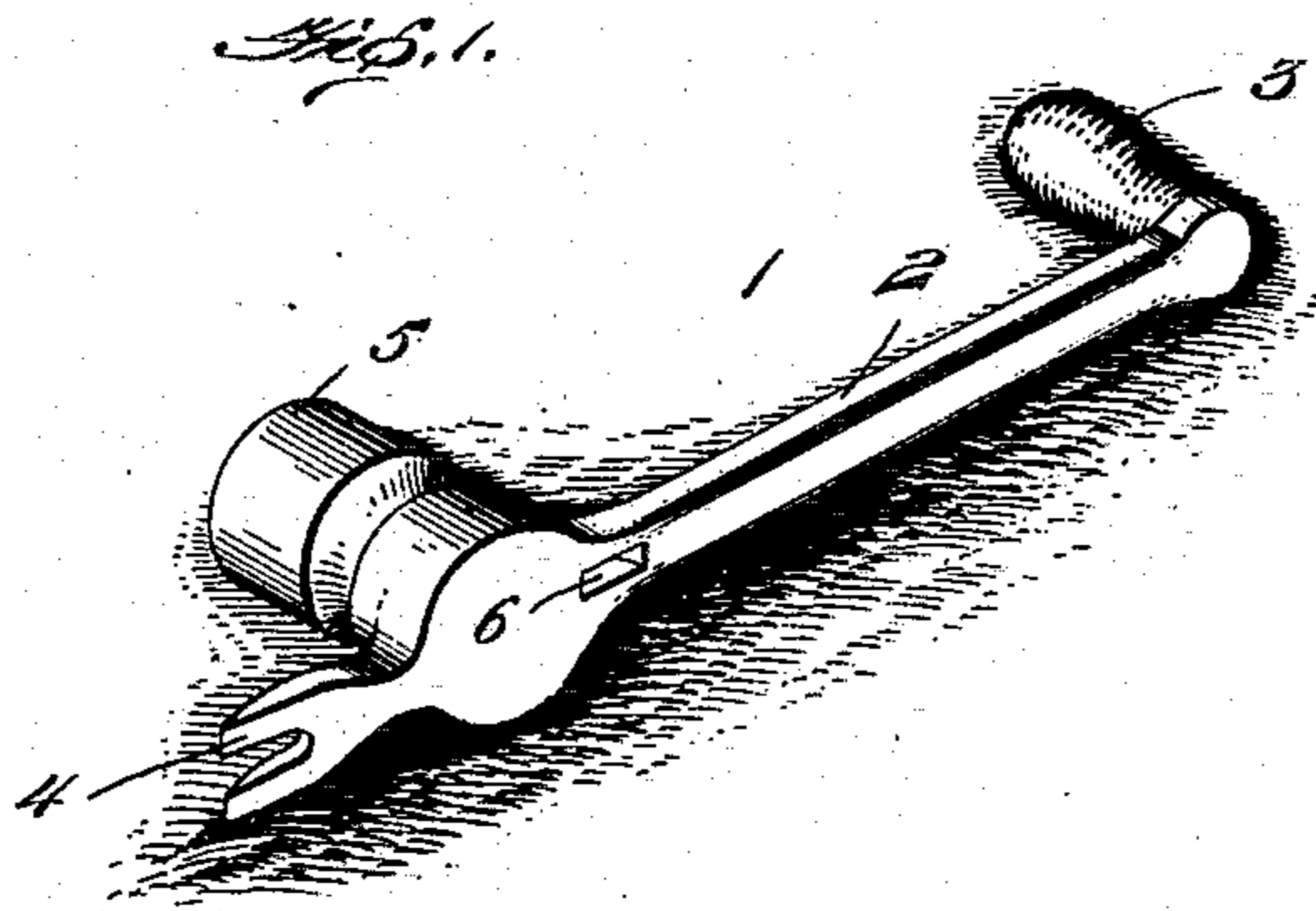


Fig. 2.

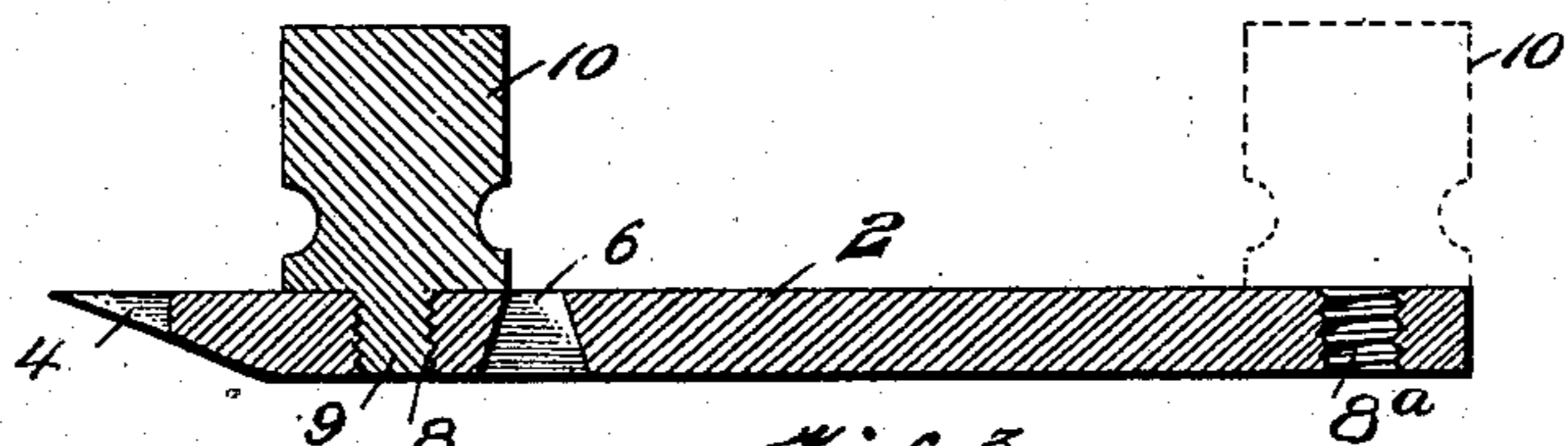


Fig. 3.

Witnesses

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UNITED STATES PATENT OFFICE.

HARRY B. KERR, OF BALTIMORE, MARYLAND.

WINDOW-SHADE TOOL.

No. 900,741.

Specification of Letters Patent.

Patented Oct. 13, 1908.

Application filed September 24, 1906. Serial No. 335,985.

To all whom it may concern:

Be it known that I, HARRY B. KERR, a citizen of the United States, residing at Baltimore, in the State of Maryland, have invented certain new and useful Improvements in Window-Shade Tools, of which the following is a specification, reference being had therein to the accompanying drawing.

My present invention relates to improvements in window shade tools, and the main object of my invention, is the provision of a tool so constructed as to have a hammer for securing the shade to its pole, claws to remove the shade from the pole, and also means for engaging the spindle of the spring actuated shaft of the pole and tightening the tension of the spring thereof; thus providing a simple, durable and inexpensive tool for this purpose.

To this end, my invention consists of a tool embodying novel features of construction, substantially as disclosed herein.

In the accompanying drawings,—Figure 1 is a perspective view of the tool. Fig. 2 is a longitudinal section thereof, and Fig. 3 is a similar view of a modified form.

Referring to the drawings,—

The numeral 1 designates the tool, which in Figs. 1 and 2 is made from a single casting and consists of the long shank or handle 2, provided at one end with the knob or stud 3, and at the other end with the claws 4. The claw end is slightly flattened and carries the weight or hammer 5, and provided at the junction of the hammer and the body of the flattened portion, is a rectangular opening 6, the short walls 7, of which may taper or be formed in any convenient manner to prevent the end of the spindle of the pole or roller from projecting through upon the hammer side of the tool.

The tool, as shown in Fig. 3, has its body or long shank constructed similarly in shape to the tool shown in Figs. 1 and 2, it being my desire, however, to dispense with the knob 3, which is in the way, when using the hammer, and to displace the hammer and use it for the knob, when tightening the pole or roller's spring. In order to produce this, I provide the left-hand interiorly threaded

sockets or openings 8 and 8^a, in the respective positions of the hammer and knob, as shown in Figs. 1 and 2, and provide the weight or separable stud 10, with a similarly screw threaded pin 9, which is adapted to enter the openings 8 and 8^a, when acting as handle for rotating the tool about the spindle, or as hammer, respectively.

To illustrate the conjunctive use between the claws 4 and the stud 3, to draw tacks, the stud 5 or 10 is used as a fulcrum and abuts against the body of the curtain roll, while the claws engage the head of the tack, thus by forcing the lever or handle downwardly, the stud by its engagement with the roll, causes the claws to raise and thus pull the tack. This feature can be, however, more advantageously attained by using the stud shown in Fig. 3, by placing it upon the reverse side of the handle. I have also discovered in use that the stud 5 or 10 greatly assists in the action of winding the curtain spring, as the thumb of one hand of the operator is pressed upon the end of the stud 5 or 10, while the rectangular opening is engaging the spindle of the shade, and also while the handle or shank is being revolved to wind the spring. The stud therefore has a conjunctive use with the rectangular opening and shank.

From the description herein given taken in connection with the drawings, the advantages and usefulness of my invention are readily seen, and appreciated.

What I claim and desire to secure by Letters Patent, is,

The herein described device, consisting of a body of metal having one end reduced and slotted and the other rounded, a projection carried by said rounded end, and an enlargement near the slotted end having a rectangular opening at the opposite side from the slotted end, said enlargement having a projection at substantially right angles to the body of the device.

In testimony whereof I affix my signature in presence of two witnesses.

HARRY B. KERR.

Witnesses:

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