A. HOLBROOK.

MALLET.

No. 192,867. Patented July 10, 1877.

Fig. 1.

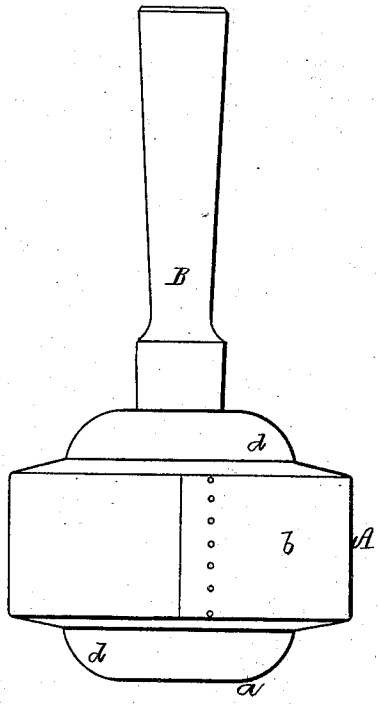


Fig. 2.

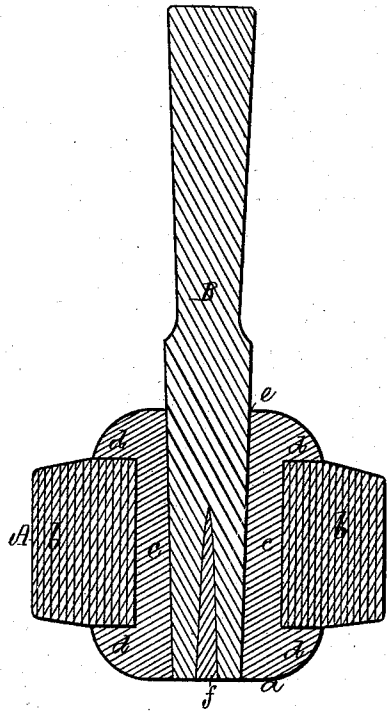
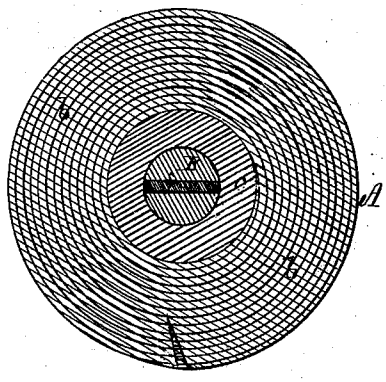


Fig. 3.



Witnesses.

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UNITED STATES PATENT OFFICE.

ALBERT HOLBROOK, OF PROVIDENCE, RHODE ISLAND.

IMPROVEMENT IN MALLETS.

Specification forming part of Letters Patent No. **192,867**, dated July 10, 1877; application filed June 23, 1877.

To all whom it may concern:

Be it known that I, ALBERT HOLBROOK, of the city and county of Providence, of the State of Rhode Island, have invented a new and useful Improvement in Mallets; and do hereby declare the same to be described in the following specification and represented in the accompanying drawings, of which—

Figure 1 is a side elevation, Fig. 2 a longitudinal section, and Fig. 3 a transverse section, of a mallet embracing my invention.

The mallet-head is shown at A and the handle at B, the head being represented as composed not only of a solid flanged and eyed metallic core, *a*, but of a strap, *b*, of rawhide, wound in a close spiral about the neck *c*, and between the flanges *d d* of the core, and having the coils cemented or otherwise properly fastened together. The neck *c* is tubular, or has an eye, *e*, for the reception of the wooden handle, which, after having been inserted tightly into such eye, has a wedge, *f*, driven into it.

The metallic core, besides serving to support the spiral of rawhide, gives weight to the hammer-head, and admits of a wooden handle being used therewith.

I am aware that in making mallet-heads it is not new to use disks of rawhide; nor is it new to wind a strip of rawhide in a close spiral and extend a handle through it diametrically. Nor is it new to make a mallet-head not only of a cylinder of iron having sockets in its ends and an eye extending through it transversely, but of close spirals of rawhide fitted into and projecting from the sockets.

When a mallet-head is composed of a series of disks of hide arranged side by side, and on a handle or a metallic core applied thereto, it is found that they, while the mallet is in use, are liable to break down and spread apart, so as to admit gritty or other matters between them, and that such is the case with any of the rawhide mallets whose coils are struck edgewise when the mallet is in use.

With my improved mallet the blow is not edgewise of the coils, but is flatwise thereof, and in case of lateral spreading of the material there are no joints to open and receive and retain dirt or extraneous matters.

I therefore claim as my invention as follows:

1. As a new or improved manufacture, a rawhide-head mallet in which the strip of hide is wound in a close spiral about an axis coincident with that of the handle of such mallet.

2. A mallet-head composed of the solid flanged and eyed metallic core *a*, essentially as represented, and a strip, *b*, of rawhide, wound in a close spiral on and about the neck of such core, and between its flanges, all being substantially as set forth.

ALBERT HOLBROOK.

Witnesses:
R. H. EDDY,
JOHN R. SNOW.