

(No Model.)

W. B. HATFIELD.
KNIFE.

No. 336,314.

Patented Feb. 16, 1886.

Fig. 1.

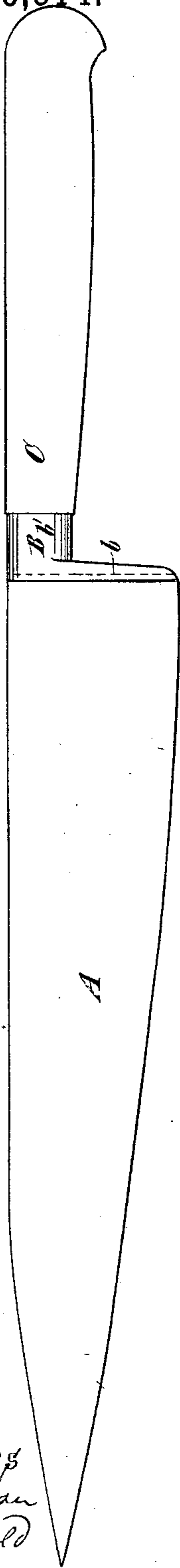


Fig. 2.

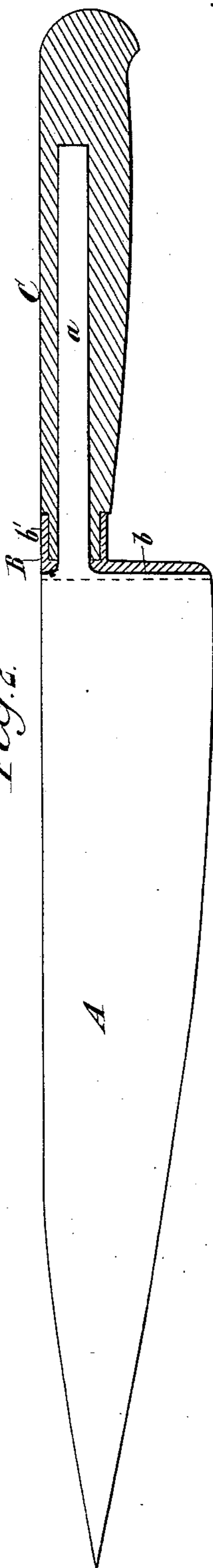


Fig. 3.



Witnesses
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UNITED STATES PATENT OFFICE.

WILLIAM BARKER HATFIELD, OF SHEFFIELD, ENGLAND, ASSIGNOR TO
JOSEPH RODGERS & SONS, (LIMITED,) OF SAME PLACE.

KNIFE.

SPECIFICATION forming part of Letters Patent No. 336,314, dated February 16, 1886.

Application filed December 3, 1885. Serial No. 184,579. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM B. HATFIELD, of Sheffield, England, have invented a certain new and useful Improvement in Knives, of which the following is a specification.

My improvement consists in the combination, with a knife-blade which has an integral flat tang, of a metal bolster grooved so as to embrace the heel of the knife-blade, and provided with a collar that fits the tang of the knife-blade and abuts against the handle when the blade-tang is inserted in the handle.

In the accompanying drawings, Figure 1 is a side view of a knife embodying my improvement. Fig. 2 is a longitudinal section of the bolster and adjacent part of the handle, including a side view of the heel of the knife-blade and the tang. Fig. 3 is a back view of the knife.

Similar letters of reference designate corresponding parts in all the figures.

A designates the knife-blade. It is curved longitudinally both along the edge and the back, and the edge and back converge to a point. It is such a blade as is commonly used by cooks for carving. Its shape, however, is immaterial so far as my present improvement is concerned. The knife-blade is made of steel, as usual, and it is provided with a flat integral tang, *a*.

B designates a bolster, which preferably will be made of cast metal—such, for instance, as malleable cast-iron. It consists, essentially, of a narrow piece tapering laterally toward one end and provided in the upper side with a groove, *b*, extending from one end to the other, and furnished with a collar, *b'*. The

heel of the knife-blade fits in the groove *b* of the bolster, and the tang *a* fits tightly in a hole extending through the bolster from the groove *b* to the inner end of the collar *b'*. The collar *b'* of the bolster is hollowed out at the inner end to fit over the contiguous end of the handle *C*. The handle will preferably be made of india-rubber or like material. The knife-blade is upset at the heel and fitted to the bolster, and the bolster is subsequently compressed laterally to embrace said upset portion and support the heel of the knife-blade firmly. The bolster may be also pressed up against the edge of the blade at the heel of the blade. The tang of the blade is driven into the handle, and the collar of the bolster will be forced over the end of the handle. The tang of the blade will secure the blade and the bolster to the handle. The bolster will support and strengthen the blade.

What I claim as my invention, and desire to secure by Letters Patent, is—

The combination, with a knife-blade having an integral flat tang and an upset heel portion, of a metal bolster grooved and pressed to firmly embrace said upset portion of the heel of the blade, and provided with a collar fitting the tang, and a handle receiving the tang and the collar of the bolster, substantially as specified.

WILLIAM BARKER HATFIELD.

Witnesses:

C. B. WEBSTER,
U. S. Consul.

F. F. HIBBERT,
His Clerk.