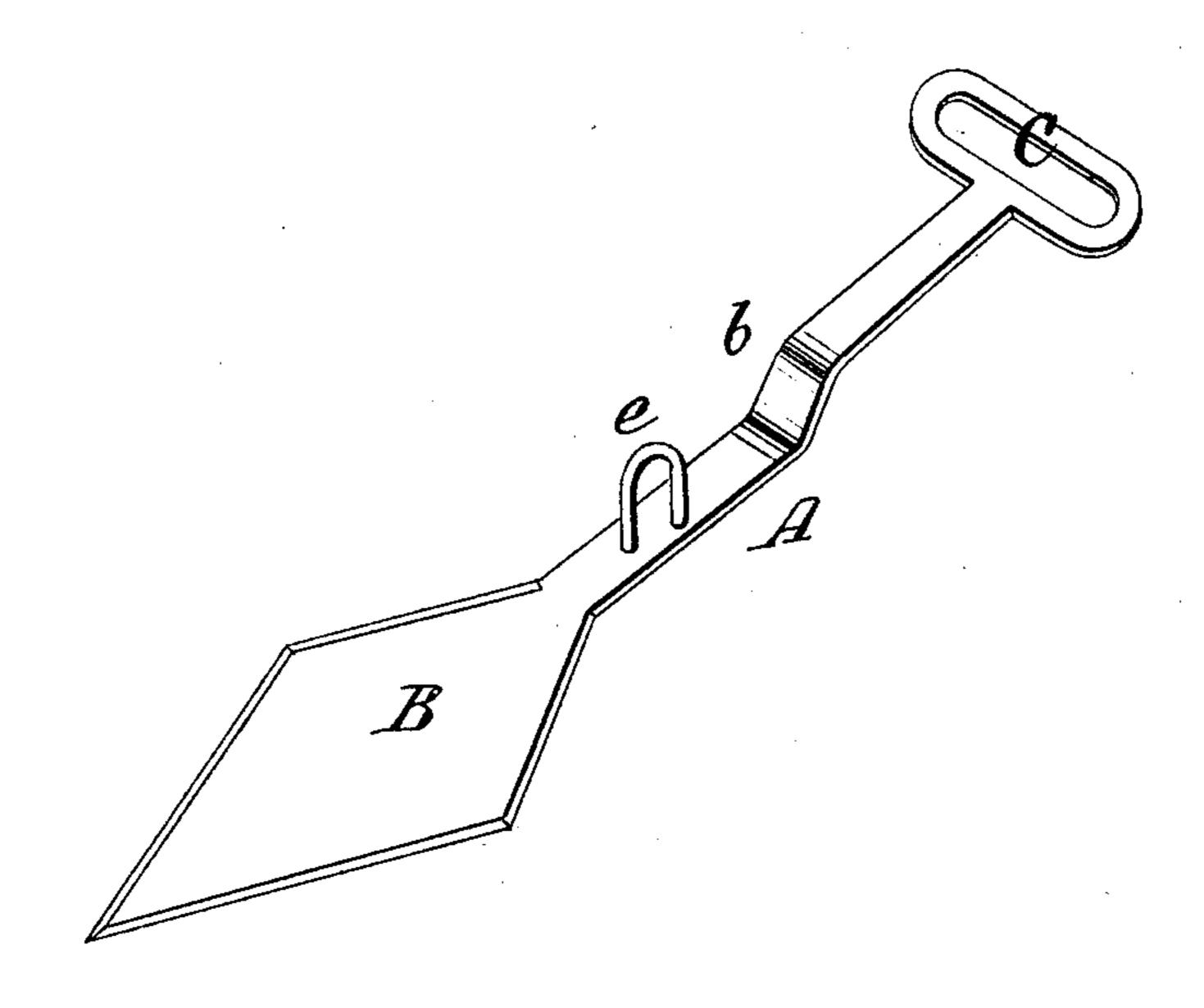
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Palental/May 18,1869.



Witnesses. Sas. W. White. Admosts. Inventor. A.N. Stanley Ser Alexander Attis.

## Anited States Patent Office.

ANDREW N. STALEY, OF WAYNESBOROUGH, PENNSYLVANIA, ASSIGNOR TO HIMSELF AND D. B. RUSSELL, OF SAME PLACE.

Letters Patent No. 90,202, dated May 18, 1869.

## IMPROVEMENT IN HAY-KNIVES.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, Andrew N. Staley, of Waynesborough, in the county of Franklin, and State of Pennsylvania, have invented certain new and useful Improvements in Hay-Knives; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification, in which—

Figure 1 is a perspective of my knife.

The nature of this invention consists in constructing the blade or knife in diamond-shape, for the purpose of obtaining more cutting-space, and rendering it more easily to be thrust into the hay-stack or bale.

To enable others skilled in the art to which my invention appertains, to make and use the same, I will now describe its construction and operation.

In the accompanying drawing—

A represents the handle, the lower end of which

terminates with the diamond-shaped blade, or cutter B, and its upper end with the loop, or bail C.

At the point b the handle is bent up.

e is a staple, attached to the upper part of the handle, between the bend b and the knife B. This staple is intended to place the foot upon, in order to shove the knife into the hay-stack.

Having described my invention,

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

As a new article of manufacture, the within-described hay-knife, the blade of which being formed diamond-shape, substantially as and for the purpose set forth.

In testimony that I claim the foregoing as my own, I affix my signature, in presence of two witnesses.

ANDREW N. STALEY.

Witnesses:

C. C. RHOYUAL,

J. B. RUSSELL.