

No. 690,839.

W. E. COYAN.  
TROWEL.

Patented Jan. 7, 1902.

(Application filed Oct. 26, 1901.)

(No Model.)

Fig. 1.

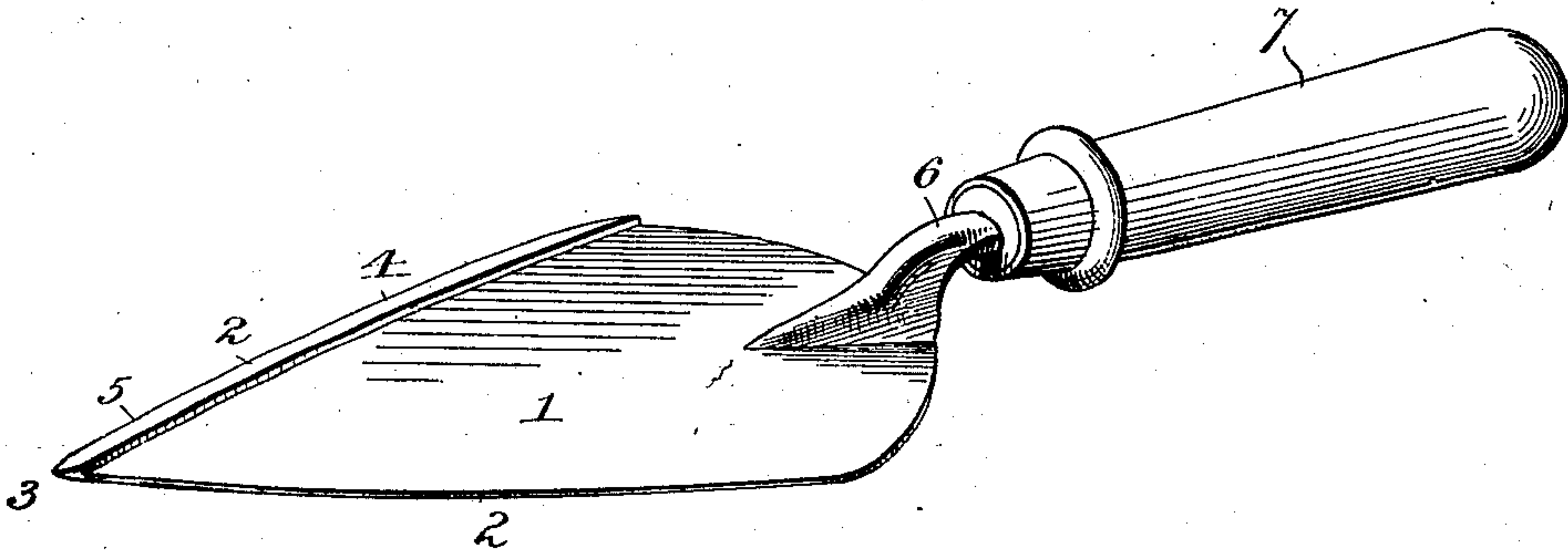
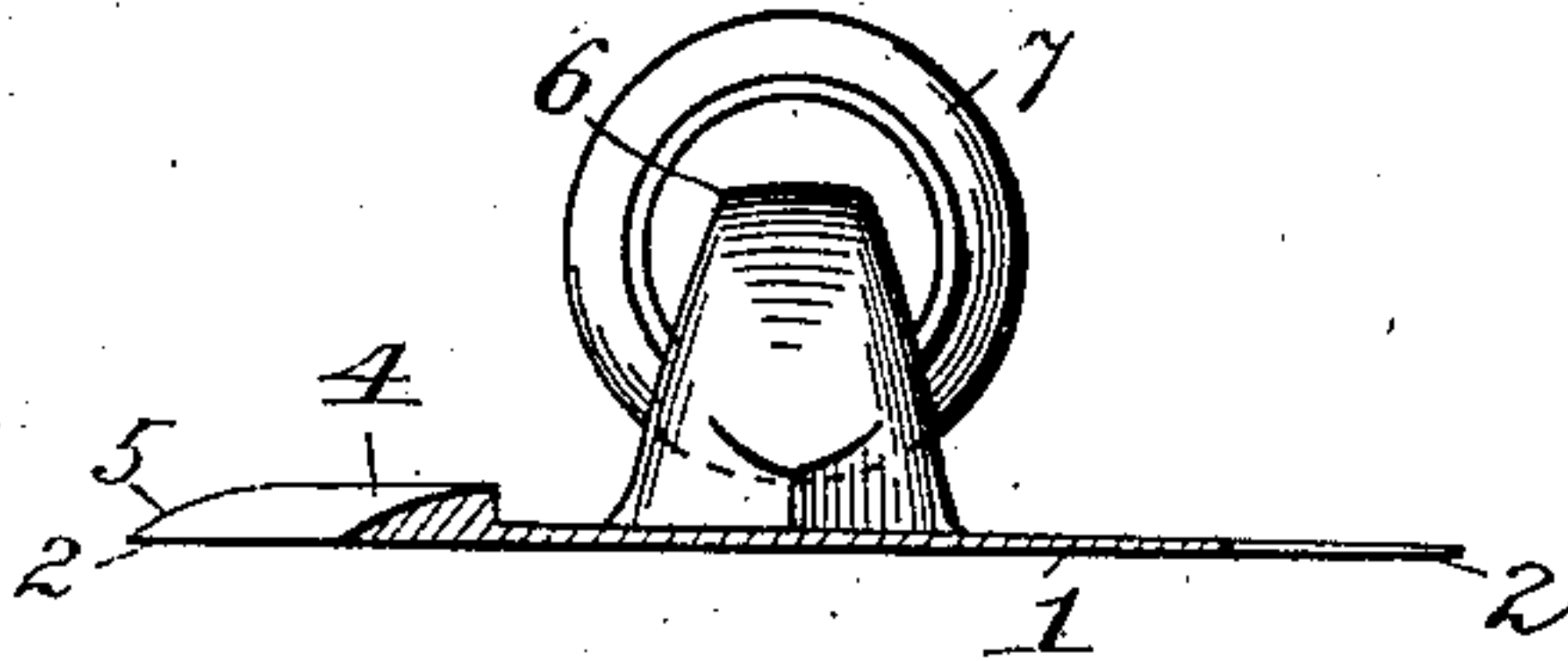


Fig. 2.



Witnesses:

F. L. Curand

J. G. Radelfinger.

Inventor:

William E. Cohan

by *Lucas Dagg* Attorneys.

# UNITED STATES PATENT OFFICE.

WILLIAM E. COYAN, OF HOMESTEAD, PENNSYLVANIA.

## TROWEL.

SPECIFICATION forming part of Letters Patent No. 690,839, dated January 7, 1902.

Application filed October 26, 1901. Serial No. 80,099. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM E. COYAN, a citizen of the United States, residing at Homestead, in the county of Allegheny and State of Pennsylvania, have invented new and useful Improvements in Trowels, of which the following is a specification.

My invention relates to trowels for bricklayers' use; and the object of the same is to construct a trowel which will be strong and heavy enough to use in cutting the hardest brick.

When laying soft red brick, it is the usual practice of workmen to use their trowels for chipping and cutting brick; but when laying light pressed or fire brick this is impossible, as the ordinary trowel is too light and wears out very soon. This being the case, every bricklayer provides himself with a double chisel-pointed pick, commonly called a "scotch," which he uses for cutting brick. This necessity of alternately using two tools results in a great loss of time, which it is the object of my invention to avoid.

The novel construction employed by me in carrying out my invention is fully described in this specification and claimed, and illustrated in the accompanying drawings, forming a part thereof, in which—

Figure 1 is a perspective of my trowel. Fig. 2 is a transverse section of the same.

The numeral 1 designates the blade of my trowel, which has converging edges 2, meet-

ing in a point 3. Formed integral with the blade 1 and adjacent to one of the edges 2 is a rib 4, extending above the plane of the blade and beveled off at 5 to the edge 2.

As shown in the drawings, the trowel is right-handed; but I may construct them with the rib 4 on the opposite edge 2 and thereby make them left-handed.

A shank 6 is formed integral with the blade 1 and is driven into a handle 7 for use in operating the trowel.

I do not wish to be limited as to details of construction, as these may be modified in many particulars without departing from the spirit of my invention.

Having thus described my invention, what I claim as new, and wish to secure by Letters Patent, is—

1. The combination of the blade of a trowel of a beveled rib located adjacent to the edge of said blade and constructed to strengthen the trowel for cutting brick, substantially as described.

2. A trowel-blade having a beveled rib formed thereon adjacent to one edge thereof, as and for the purpose set forth.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

WILLIAM E. COYAN.

Witnesses:

G. ED. ROTT,

C. W. MORTON.