

No. 751,356.

PATENTED FEB. 2, 1904.

W. SMITH.
TROWEL HANDLE.

APPLICATION FILED FEB. 16, 1903.

NO MODEL.

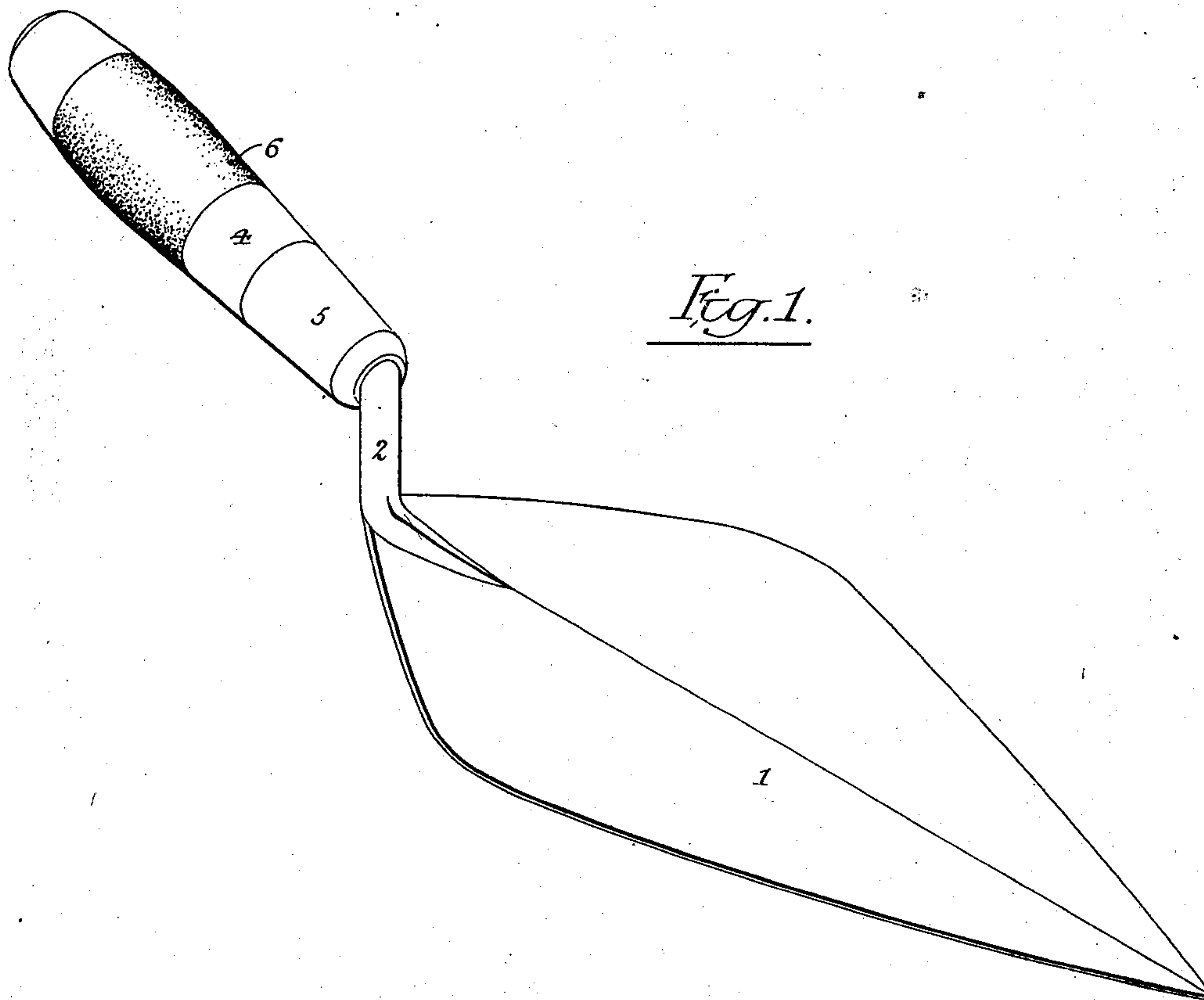


Fig. 1.

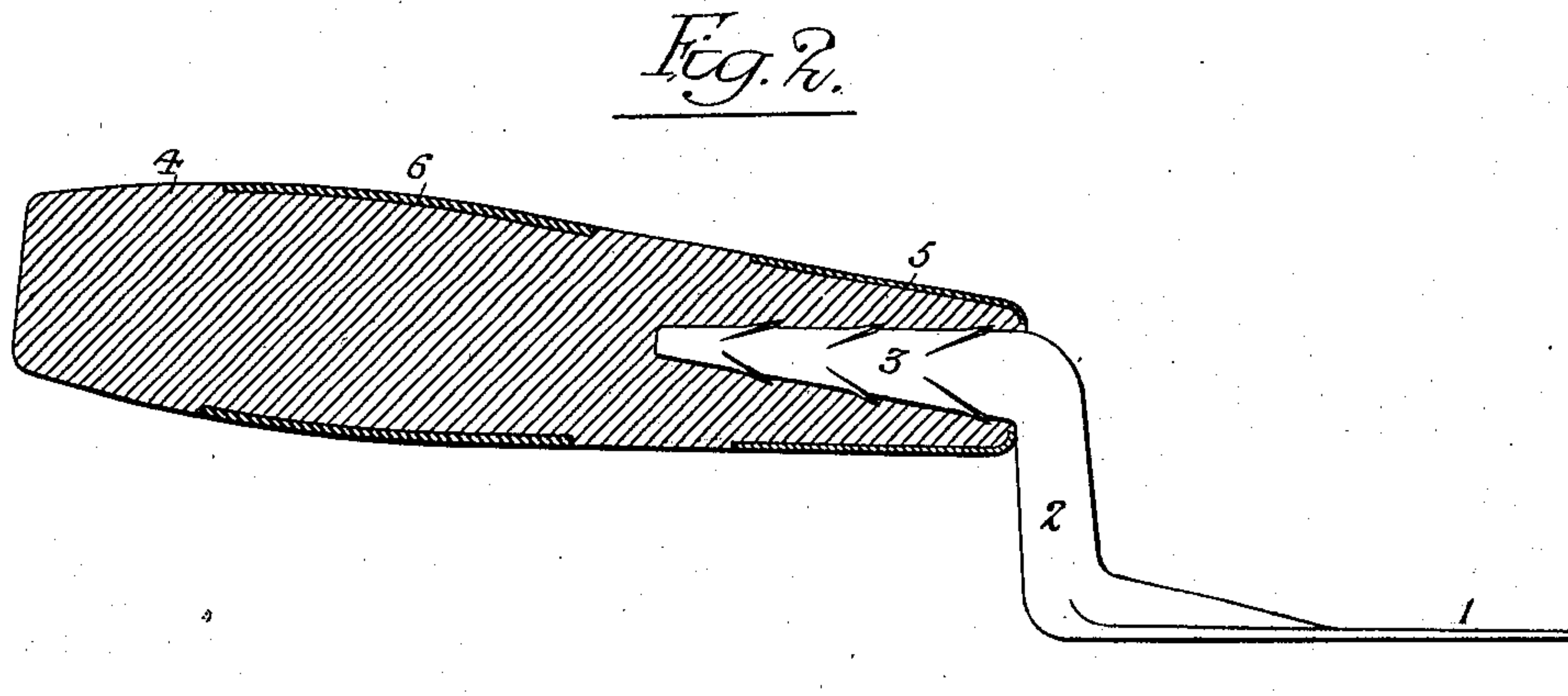


Fig. 2.

Witnesses:-

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UNITED STATES PATENT OFFICE.

WILLIAM SMITH, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR TO
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TROWEL-HANDLE.

SPECIFICATION forming part of Letters Patent No. 751,356, dated February 2, 1904.

Application filed February 16, 1903. Serial No. 143,564. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM SMITH, a citizen of the United States, residing in Philadelphia, Pennsylvania, have invented certain Improvements in Trowel-Handles, of which the following is a specification.

The object of my invention is to provide a wooden handle for trowels with a rubber grip portion whereby a firm hold upon the handle can be secured, this rubber grip being so disposed as not to weaken the handle or interfere with the secure fastening of the same to the tang or shank of the trowel-blade.

In the accompanying drawings, Figure 1 is a perspective view of a bricklayer's trowel having a handle constructed in accordance with my invention; and Fig. 2 is a sectional view, on a larger scale, of said handle and of the tang, shank, and part of the blade of the trowel.

A firm grip upon the handle of a bricklayer's trowel is required in order to prevent the trowel from turning when its edge is being used for splitting or chipping bricks; and my invention has therefore been designed with the view of providing the handle with a rubber grip portion without detracting from the serviceability of said handle in other respects.

In the drawings, 1 represents the blade of an ordinary bricklayer's trowel having at the butt an upwardly-bent stem or shank 2, which terminates in the usual rearwardly-extending tang 3, the latter being driven into the wooden handle 4, which is provided at the front end with the usual metal ferrule 5 to prevent splitting and for protective purposes.

In the outer surface of the handle, in the rear of that portion of the same which receives the tang 3, I form a shallow groove and fit into the same a rubber sleeve 6, the outer face of which is flush with the surface of the handle, this rubber sleeve being long enough to provide a sufficiently-extended gripping-

surface for the hand whereby slipping or turning of the handle in the hand is prevented when the edge of the trowel is being used for splitting or chipping bricks.

The rubber sleeve will stretch sufficiently to permit it to be slipped over the handle from either end before the handle is applied to the trowel or from the butt-end after the handle has been applied, the contractile power of the sleeve causing it to fit snugly within the recess formed in the handle for its reception, although any available cement may, if desired, be used for securing the rubber sleeve in the recess and as an additional safeguard for preventing it from turning on the handle. This method of applying the rubber grip does not necessitate the removal of any material portion of the wood of which the handle is composed; and as the grip is applied to the solid portion of the handle in the rear of the tang it does not weaken the handle or interfere in any way with the driving of the same upon the tang 3, nor does it add materially to the cost of the handle.

Having thus described my invention, I claim and desire to secure by Letters Patent—

A trowel having a stem with rearwardly-extending tang, an integral wooden handle driven upon the latter, a sleeve of rubber let into a shallow surface groove in said handle in the rear of the tang and retaining its position therein by reason of its resiliency, the outer surface of the sleeve being flush with the surface of the wooden handle, substantially as specified.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

WILLIAM SMITH.

Witnesses:

E. P. ROBERTS,
CHARLES Q. MACDONOUGH.