

No. 714,223.

Patented Nov. 25, 1902.

F. T. McFALL.
PLASTERER'S TROWEL.
(Application filed Dec. 12, 1901.)

(No Model.)

Fig. 1.

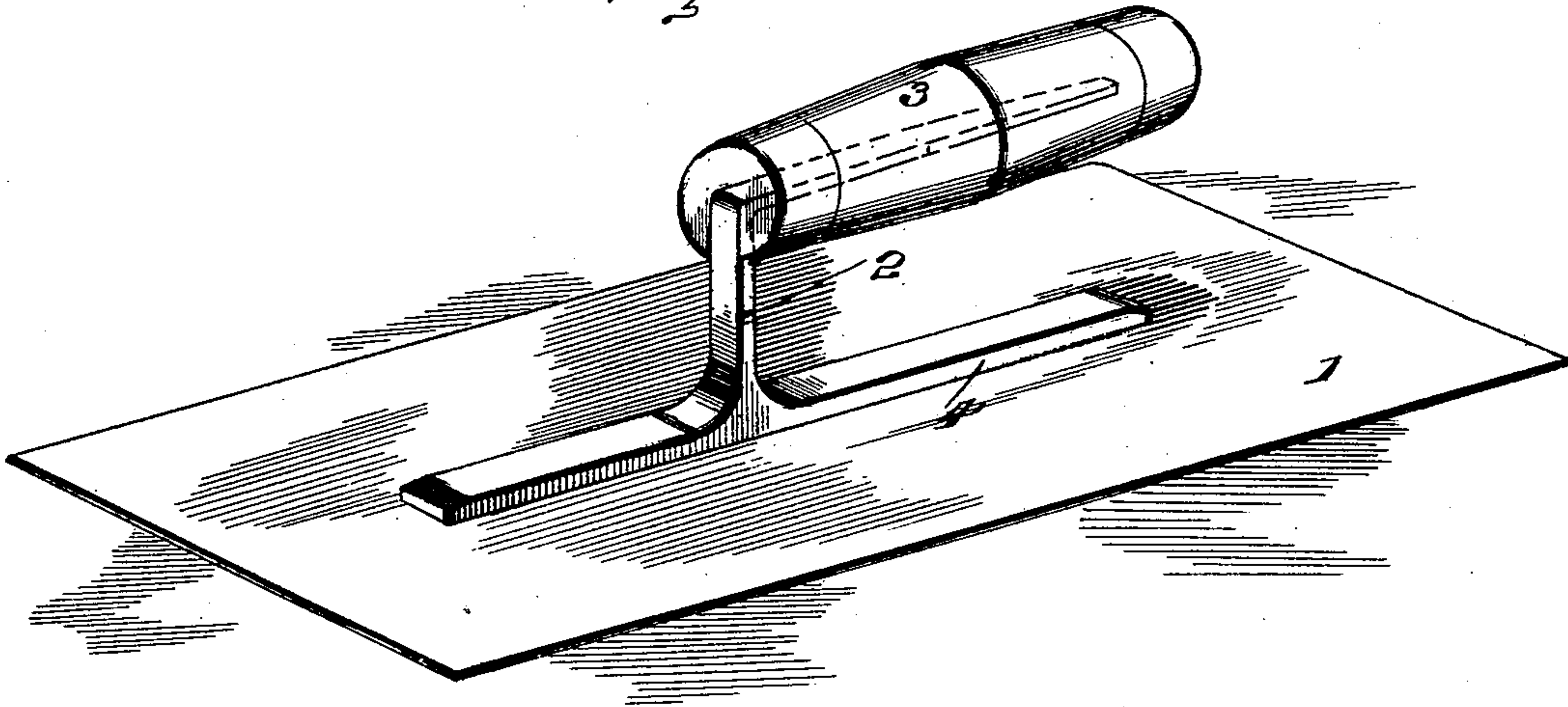


Fig. 2.

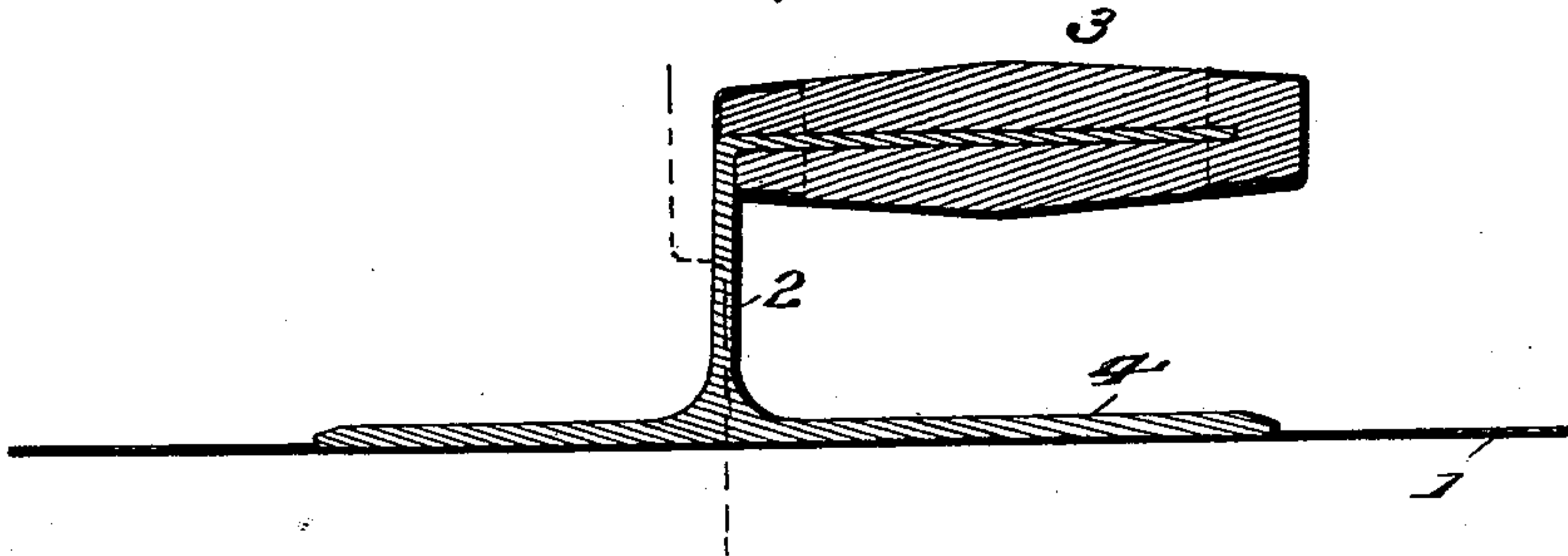
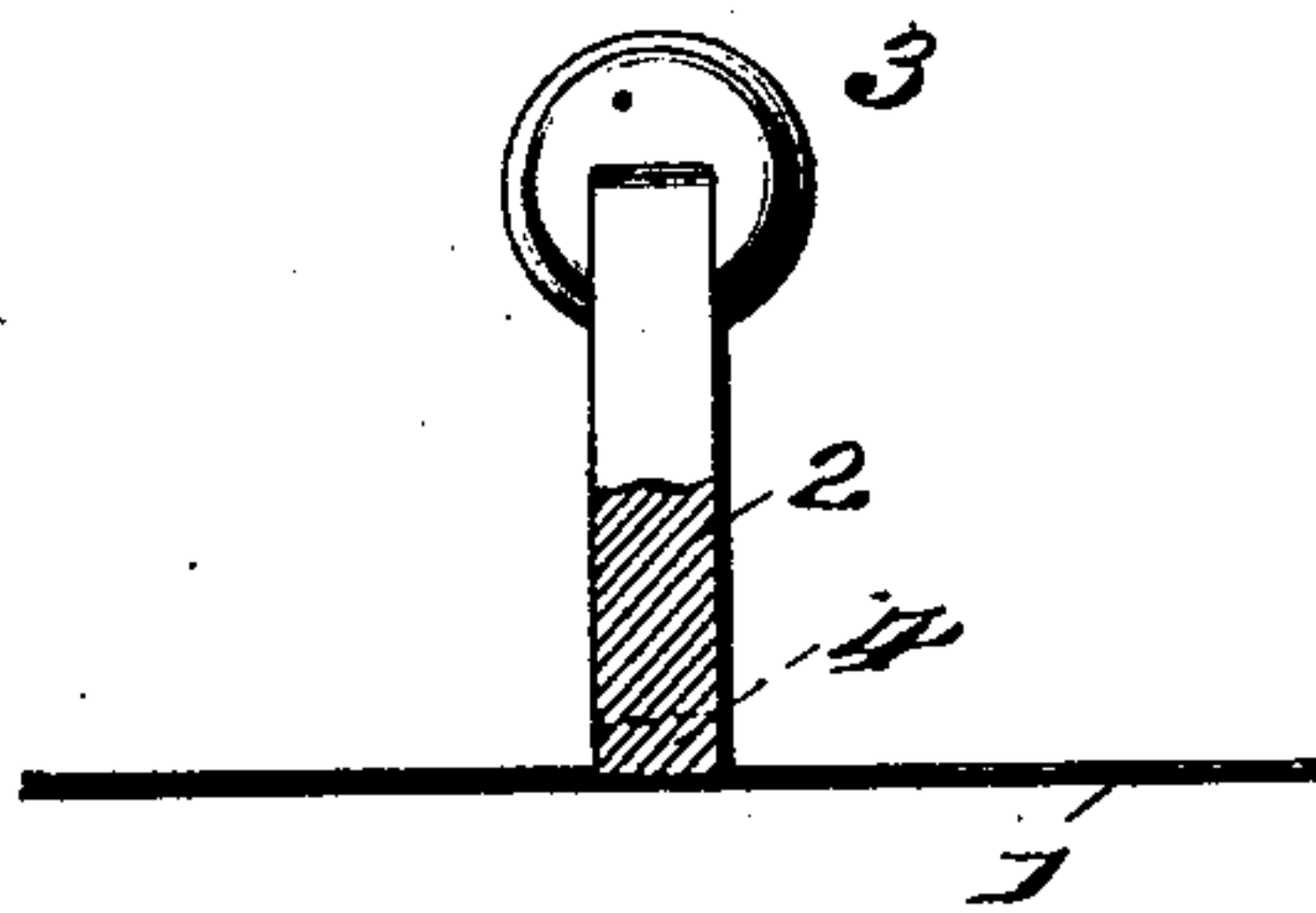


Fig. 3.



Inventor

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Witnesses

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UNITED STATES PATENT OFFICE.

FOUNTAIN T. MCFALL, OF PANA, ILLINOIS.

PLASTERER'S TROWEL.

SPECIFICATION forming part of Letters Patent No. 714,223, dated November 25, 1902.

Application filed December 12, 1901. Serial No. 85,667. (No model.)

To all whom it may concern:

Be it known that I, FOUNTAIN T. MCFALL, a citizen of the United States, residing at Pana, in the county of Christian and State of Illinois, have invented certain new and useful Improvements in Plasterers' Trowels; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

Trowels for plastering walls, spreading and finishing cement pavements, and like work as generally constructed have the handle riveted to the blade, and after a period of service the blade either becomes detached from the handle or buckles between the rivets, thereby destroying the further efficient service of the tool.

This invention provides a tool of the character aforesaid, in which the blade and handle are practically one, rivets and extraneous fastenings of any nature being entirely dispensed with.

In the drawings forming a part of the specification, Figure 1 is a perspective view of a plasterer's trowel embodying the invention. Fig. 2 is a central longitudinal section. Fig. 3 is a transverse section.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawings by the same reference characters.

The trowel is of usual shape, and consists of the blade 1 and the handle, the latter comprising the tang 2 and grip 3. A rib 4 extends longitudinally of the blade midway of its edges and is formed therewith as an integral

part and serves to stiffen the blade and provide firm union therewith of the handle. The tang 2 springs from the rib forward of its center, so as to be nearer the front end of the blade, and comprises right-angularly disposed members, the outer portion overhanging the blade or being parallel therewith and receiving the grip 3, of wood or other material.

The parts—the blade and the rib—may be cast or integrally formed in any desired way and the tang welded to the rib either electrically or otherwise, so as to form, in effect, an integral part of the tool, no joints or seams being visible.

A plasterer's trowel constructed substantially as herein specified is long-lived, rigid, and strong, the blade being prevented from buckling and becoming detached from the handle.

Having thus described the invention, what is claimed as new is—

As an article of manufacture, a plasterer's trowel consisting of a blade, a longitudinal rib integral with the blade and arranged at the back and midway of the longitudinal edges thereof, a tang welded to the said rib and comprising right-angularly disposed parts, and a grip fitted to the outer end portion of the tang parallel with the blade and rib, substantially as specified.

In testimony whereof I affix my signature in presence of two witnesses.

FOUNTAIN T. MCFALL. [L. S.]

Witnesses:

J. O. HENDERSON,
CARRIE METZGER.