L. E. SIMPSON.

MILL ROLL MARKER.

APPLICATION FILED JULY 22, 1918.

1,291,206.

Patented Jan. 14, 1919.

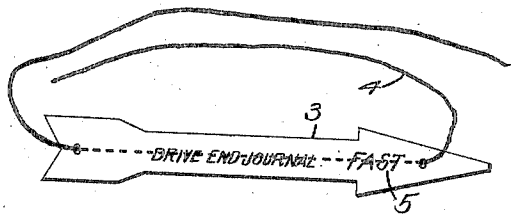


FIG. 1.

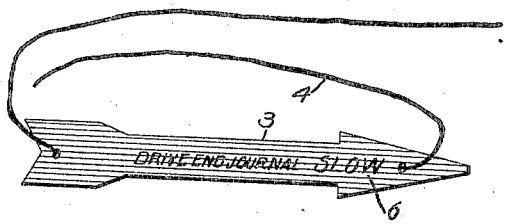


FIG. 2.

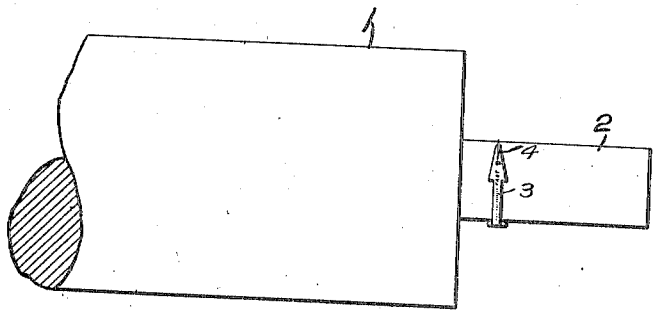


FIG. 3.

Witness:

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THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

LOWE E. SIMPSON, OF CINCINNATI, OHIO, ASSIGNOR TO THE ORVILLE SIMPSON COMPANY, OF CINCINNATI, OHIO.

MILL-ROLL MARKER.

1,291,206. Specification of Letters Patent. **Patented Jan. 14, 1919.**

Application filed July 22, 1918. Serial No. 246,036.

To all whom it may concern:

Be it known that I, LOWE E. SIMPSON, a citizen of the United States, residing at College Hill, Cincinnati, Hamilton county, Ohio, have invented certain new and useful Improvements in Mill-Roll Markers, of which the following is a specification.

When the miller sends his corrugated rolls to the shop to be redressed, the old dress is often so far worn that certain needed facts cannot be obtained from them, and the present invention has to do with a construction of marker to be applied to the old rolls when they are sent to the shop for redressing.

The present invention will be readily understood from the following description taken in connection with the accompanying drawing in which—

Figure 1 is an elevation of an embodiment of my improved marker:

Fig. 2 an elevation of a companion marker of a pair or of the reverse side of a single marker: and

Fig. 3 an elevation of a portion of a mill-roll bearing my improved marker.

In the drawing:—

1, indicates the body of a roll which is to be assumed as having a badly worn corrugated dress:

2, one of its gudgeons:

3, a marker in the form of an arrow of flexible material applied to the gudgeon:

4, a binder-wire connected with the marker and adapted to secure it to the gudgeon:

5, a legend "Fast" borne by a surface of the marker; and

6, a legend "Slow" borne by the companion marker of a pair or by the opposite side of the same marker.

The marker is to be formed of thin metal, or other flexible material, and is of arrow form. It is adapted to be bent around the gudgeon of a roll, the binding-wire serving, by having its ends twisted together, as means for temporarily securing the marker in place upon the gudgeon. The marker should be secured around the driving gudgeon of the roll, its arrow direction indicating the direction of motion of the roll. The arrows may be made in pairs of distinctive metals or of dissimilar colors, or a given arrow may be one color upon one surface and another color upon the opposite surface, and the two arrows of a pair, or the opposite surfaces of a single arrow, should bear the appropriate legends or be otherwise understood as indicating whether the marker roll is the fast roll or slow roll of a pair. The markers are, of course, intended for temporary employment and are susceptible of re-use.

I claim:—

1. A mill-roll marker comprising, a mill-roll, an arrow of thin flexible material adapted to be bent around the roll-gudgeon, means for binding the arrow to the gudgeon, and an indication carried by the arrow to show whether the marked roll is the fast or slow one of a pair, combined substantially as set forth.

2. A mill-roll marker comprising, a mill-roll, an arrow of thin flexible material adapted to be bent around the roll-gudgeon, a binding-wire attached to the arrow and adapted to have its ends secured together to tie the arrow to the gudgeon, and an indication carried by the arrow to show whether the marked roll is the fast or slow one of a pair, combined substantially as set forth.

3. Mill-roll markers comprising, arrows of thin flexible material adapted to be bent around a roll-gudgeon and formed in pairs of distinctive individuals to show which is the fast and which the slow roll of a pair of rolls, and means for binding the arrow to the gudgeon, combined substantially as set forth.

LOWE E. SIMPSON.

Witnesses:

MILTON SAYLIN,
ALLEN C. ROUDEBUSH.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."