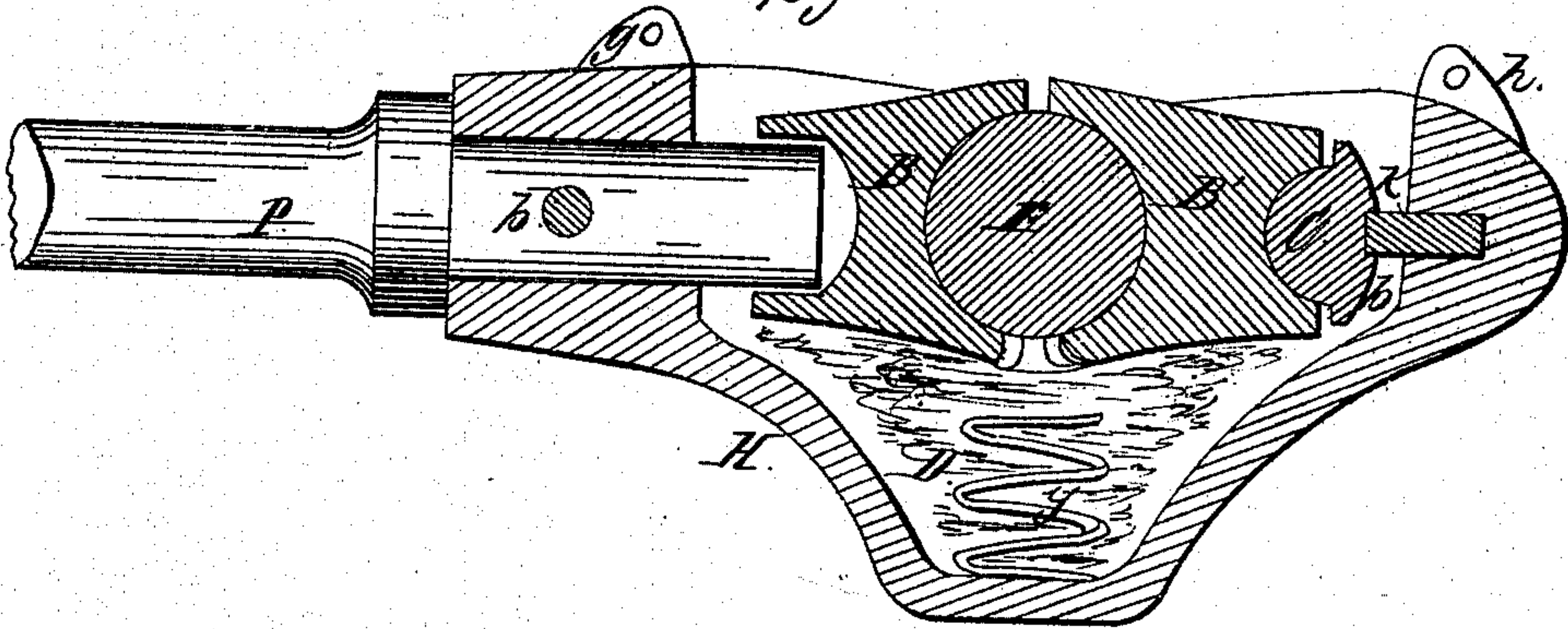


T. C. SEBRING.  
HARVESTER PITMAN.

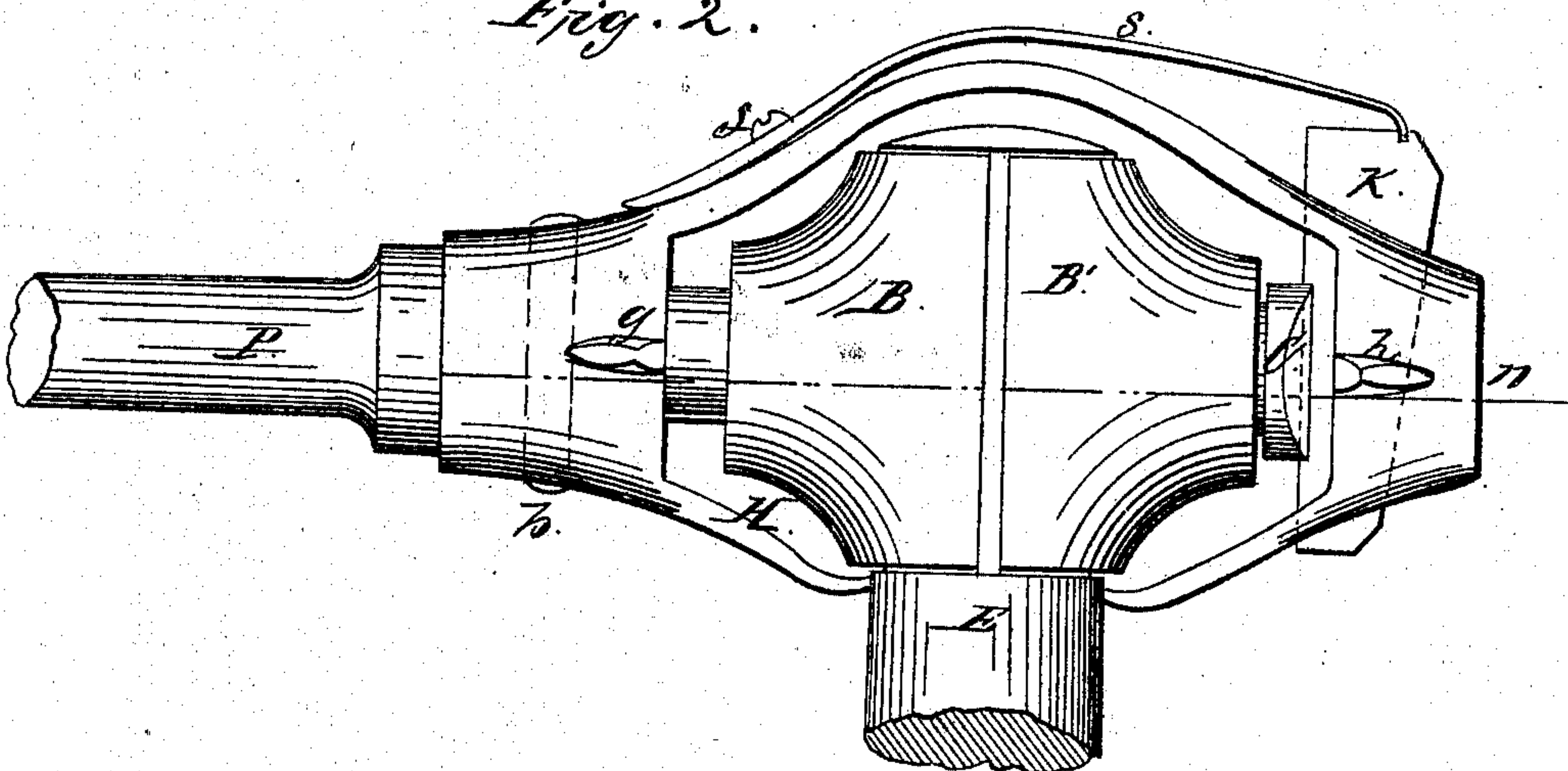
No. 66,047.

Patented June 25, 1867.

*Fig. 1.*



*Fig. 2.*



*Witnesses:*

Wm. Loughborough  
J. M. Rust

*Inventor:*

J C Lebrun

# United States Patent Office.

THOMPSON C. SEBRING, OF ROCHESTER, NEW YORK, ASSIGNOR TO IRA A. HEBBARD, OF THE SAME PLACE.

*Letters Patent No. 66,047, dated June 25, 1867.*

## IMPROVEMENT IN HARVESTER PITMAN.

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, THOMPSON C. SEBRING, of Rochester, in the county of Monroe, and State of New York, late of Milford, in the county of Oakland, and State of Michigan, have invented certain new and useful "Improvements in Pitman Heads for Harvesters;" and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings making part of this specification, in which—

Figure 1 is a vertical section of the head H, and boxes B and B', taken in the plane of the red line *n* in fig. 2.

Figure 2 is a top view of the same.

Like letters indicate corresponding parts.

This invention consists mainly in providing an automatic "take-up," for the wear between the crank-pin and boxes of harvesters, composed of a spring and wedge.

To enable others to make and use my invention, I will describe its construction and operation.

I make a shell head, H, with an oil and waste-chamber, D, fig. 1, on the under side. The end of the pitman P may be tapped through the end of the head, or it may be fitted as shown in fig. 1, and secured by the pin *b*. The box B has a cylindrical bearing upon the end of the pitman P. The pivot plug C may have a spherical or a cylindrical bearing in the back of box B'. The plug C has a groove, *i*, running horizontally across its head. This groove is made deeper at each side of the head than in the centre. Especially should the groove be made in this way if a cylindrical plug is used. There is a mortise cored in the head H, to receive the key *k*. The edge of the key next to the plug is parallel with the wrist-pin E, and is fitted to the groove *i*. The spring *s* is attached to the head, and the loose end notched upon the head of the taper-key. The tension or force of this spring may be increased or diminished by the screw *f* by which it is attached to the head.

It will be seen that the pitman may be thrown out of line horizontally, without cramping the wrist-pin, because the plug C may slide upon the edge of the key *k*, as before shown, and the head is perfectly swivelled upon the end of the pitman and the pivot plug. The lubricator-chamber D is stuffed with waste, cloth, or other suitable substance to hold the oil. There is a spiral spring, *y*, coiled very open, as shown in fig. 1, and it is compressed and inserted beneath the waste or other stuffing, and forces it up against the journal and boxes. The ears *g* and *h* are intended for attaching a leather or other suitable lid or cover. It might be desirable to extend the back of the box B' to bear against the key, or its equivalent, and make the slot wider at each side to permit the rocking of the head, instead of using the plug C.

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

The automatic "take-up," constructed substantially as described, being composed of a spring, *s*, and a taper-key, *k*, plug C, and boxes B and B', substantially as described.

T. C. SEBRING.

Witnesses:

WM. S. LOUGHBOROUGH,  
FRED. A. HATCH.