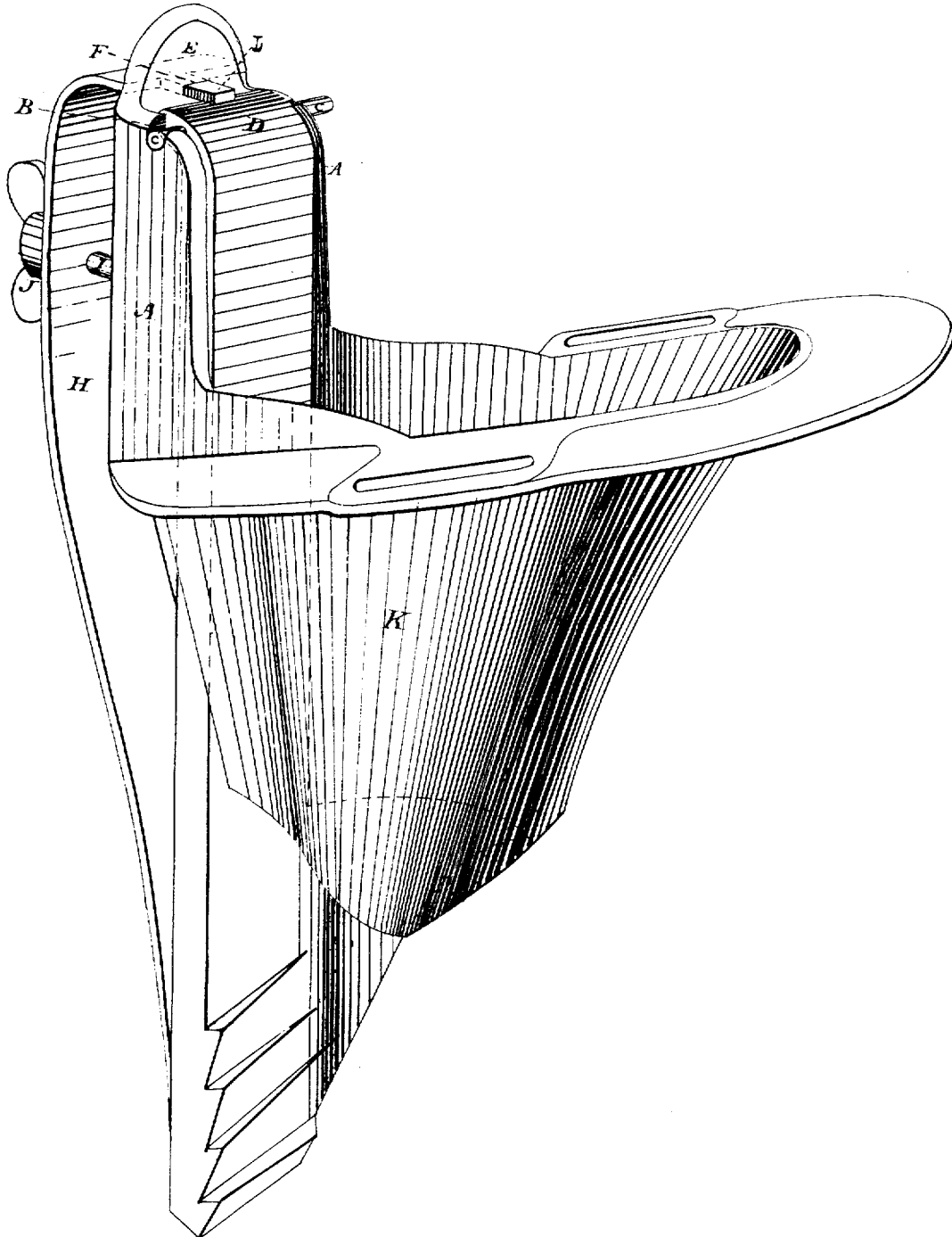


W. H. HALL & C. S. YINGST.
Corn-Sheller.

No. 166,771.

Patented Aug. 17, 1875.



Witnesses:
Alfred J. Gwynne
E. H. Bove

Inventor:
Wm. H. Hall
Conrad S. Yingst
by John Gwynne Attorney

UNITED STATES PATENT OFFICE.

WILLIAM H. HALL AND CONRAD S. YINGST, OF TIFFIN, OHIO; SAID YINGST
ASSIGNOR TO SAID HALL.

IMPROVEMENT IN CORN-SHELLERS.

Specification forming part of Letters Patent No. 166,771, dated August 17, 1875; application filed
April 30, 1875.

To all whom it may concern:

Be it known that we, WILLIAM H. HALL and CONRAD S. YINGST, of Tiffin, in the county of Seneca and State of Ohio, have invented a new and useful Improvement in Corn-Shellers, of which we declare the following to be a full, clear, and exact description, reference being had to the accompanying drawing forming part of this specification, which is a perspective view of the hopper and the manner of attaching the said improvement.

In order to enable others skilled in the art to which our invention appertains to make and use the same, we will now proceed to describe its construction and operation.

The object and purpose of our invention is to construct an improved attachment to corn-shellers, for the purpose of pressing the corn against the shelling-wheel, that shall be fully as effective as any in use, and made at less cost.

This we propose to accomplish by the saving of all the labor of fitting the several parts together, each part being used just as it comes from the mold, without any dressing whatever, except one hole drilled in the back E.

We now proceed to describe its construction:

The cheek-pieces A A are made with small recesses, B, into which the pin C, which is cast in the head or top of the rubbing-iron D, rest. The rubbing-iron D is constructed with the usual serrated edge and circle at the lower end, but to which we lay no claim, and it is inserted in the cavity formed by the cheek-pieces A A and the back E, which, together,

form a good and sufficient guide to hold the same in proper position. Through the back E a hole, F, is drilled, for the passage of the extended end of the spring H, which is marked L, which reaches over the top of the rubbing-iron D, for the purpose of holding it in the proper position—that is, to prevent its rising. The bolt I passes through the back E and the spring H, the pressure being regulated by the fly-nut J.

Having thus described the construction and operation of our improved hopper for corn-shellers, we say that no claim is made to the form of hopper, neither to the manner of attachment to the frame, or the lower end of the rub-iron, or to the spring H, except the projecting end.

What we do claim, and wish to secure by Letters Patent, is—

The cheek-pieces A A, formed with a recess in the top edge for the reception of the pin which suspends the rub-iron, said rub-iron being secured by the end of the spring H, marked L, the end L of the spring H passing through the hole F in the back E, against which the rub-iron D rests, in combination with the hopper K, constructed as described, and for the purpose set forth.

In witness that we claim the above we hereunto set our hands this 24th day of April, A. D. 1875.

WM. H. HALL.
CONRAD S. YINGST.

In presence of—

E. G. BOWER,
ALFRED J. GWYNN.