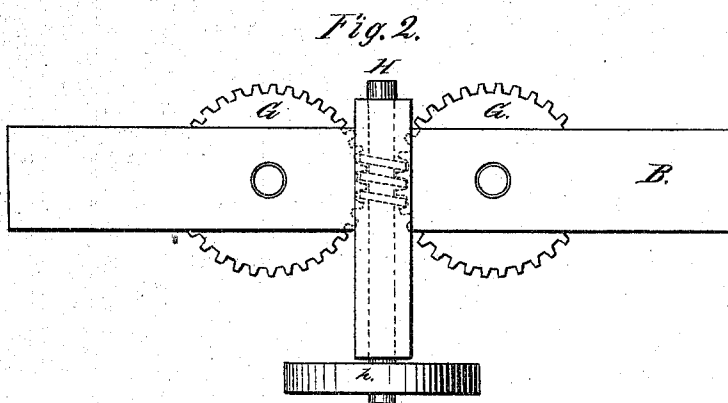
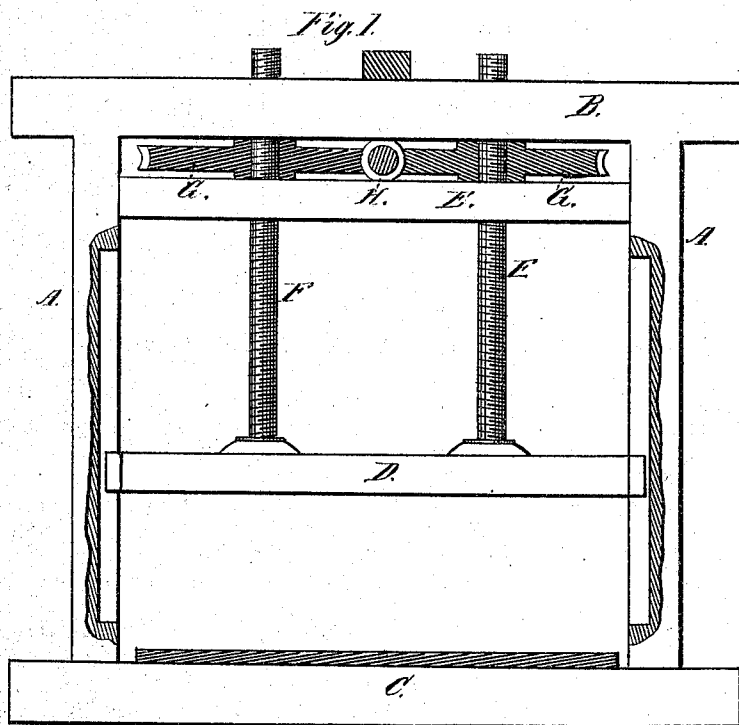


S. SANDERSON.

Improvement in Screw Cider-Press.

No. 131,785.

Patented Oct. 1, 1872.



Witnesses.

W. Welland Sawks.
John H. Christman

Inventor.

Stewart Sanderson.

UNITED STATES PATENT OFFICE.

STEWART SANDERSON, OF SHELBY, NEW YORK, ASSIGNOR TO JONATHAN HOLBROOK, OF SHERBURNE, MASSACHUSETTS.

IMPROVEMENT IN SCREW CIDER-PRESSES.

Specification forming part of Letters Patent No. **131,785**, dated October 1, 1872.

To all whom it may concern:

Be it known that I, STEWART SANDERSON, of Shelby, in the county of Orleans and State of New York, have invented certain Improvements in Screw-Presses, of which the following is a specification:

This invention relates to an improved screw-press for cider-making and other purposes, whereby a simple and powerful press is obtained; and the invention consists in combining with the platen or follower two screws—one a right and the other a left hand screw—and two worm-wheel nuts, with a single screw or worm actuating both of said worm-wheels, as hereinafter more fully described.

Figure 1 is a section front view, and Fig. 2 is plan detail view.

Similar letters of reference indicate like parts in the separate figures.

The follower D is carried by two screws, one a right-hand and the other a left-hand screw. These screws are forced up and down by nuts G G, which have a worm-wheel periphery, and are both rotated by a worm or

screw, H. In forcing the platen or follower D down the nuts G press upon the beam B as a fulcrum, but in lifting the follower the nuts have a bearing on the cross-piece E of the frame.

This combination of screws makes the press so slow and powerful in its action that the worm or screw H can be run by an ordinary belt, and the said worm-shaft is provided with a belt-pulley, *h*.

I claim—

The improved arrangement, herein shown, of the bar or follower D, the reversed screws F F, the nuts G G, with worm-wheel peripheries, the worm H and nut-supporter E, with the frame A B C, all constructed and operating as and for the purpose set forth.

The above specification of my invention signed by me this 5th day of April, 1872.

STEWART SANDERSON.

Witnesses:

C. ENSIGN,
S. E. FILKINS.