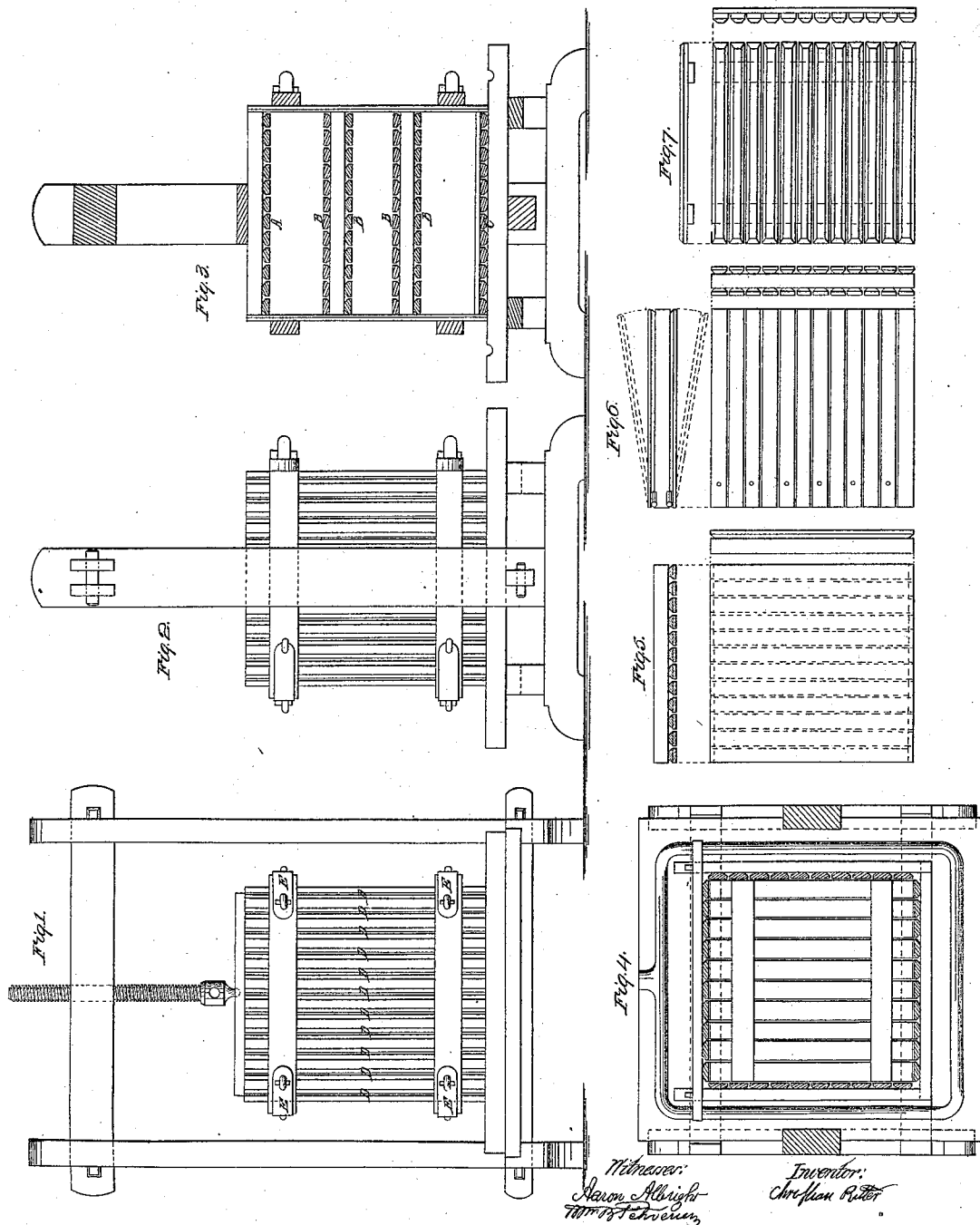


C. Ritter, Cider Press.

N^o 24,490.

Patented June 21, 1859.



Witness:
David Albright
Wm. B. Levenson

Inventor:
Christian Ritter

UNITED STATES PATENT OFFICE.

CHRISTIAN RITTER, OF READING, PENNSYLVANIA.

CIDER-PRESS.

Specification of Letters Patent No. 24,490, dated June 21, 1859.

To all whom it may concern:

Be it known that I, CHRISTIAN RITTER, of the city of Reading, in the county of Berks and State of Pennsylvania, have invented a
5 new and improved mode of making cider and wine in separating the same from its pomace and also to press out lard and tallow and all other substances that require a similar operation to separate the liquid or fluid
10 from its pomace or cracknels; and I do declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of
15 this specification.

The nature of my invention consists of separating the juice or fluid such as cider, wine, lard, or tallow out of its pomace and cracknels in much less time and to secure
20 the flow of the juice or fluid out of the inner parts of the bulk than by any other process heretofore had in use.

To enable others skilled in the art to make and use my invention, I will proceed and
25 describe its construction and operation.

1st. The slats in Figure 3 or cross section, marked thereon with the letters A B B B B and C which are chamfered or beveled so as to form a channel, between every two slats
30 they being at the outside or next to the pomace or cracknels only one half eighth inch wide, and from thence widening to five eighth inches which secures a free and unobstructed passage out of the interior of
35 the bulk of the pomace or cracknels to the

outside and place of destiny. The top board marked A and bottom board marked C are to be supplied only on one side with the slats, and the partition boards marked B B B B on both sides, of which said inner partitions as many can be put in as the operator
40 sees proper to use.

2nd. The outside casing marked on Fig. 1 or front elevation with the letters D D D D D D D D which when the juice or
45 fluid has passed out of the channels of the grooved slats finds a passage through the outside casing.

3rd. The fastening of the slats by having every alternative slat as in Fig. 8 at one end
50 fastened with a hinge and the other end confined to its place with a dowel pin, which is intended to facilitate the cleaning thereof.

4th. The arrangement of the keeping the outside casing together with bands and
55 hinges as marked on Fig. 1 or front elevation with the letter E E E E which is intended to facilitate the taking the pomace or cracknels out when done pressing.

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

The application of the chamfered and grooved inner slats and partitions with their fastenings and arrangements which will produce the intended effect.

CHRISTIAN RITTER.

Witnesses:

AARON ALBRIGHT,
WM. B. SCHOENER.