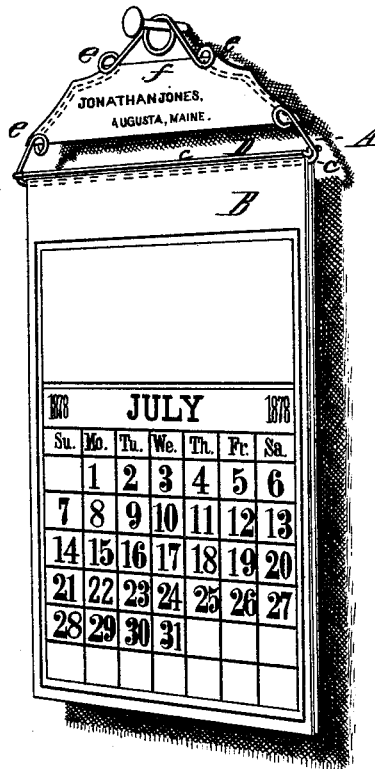


N. F. TWING & H. E. DUCKER.
Counting-House Calendar.

No. 219,836.

Patented Sept. 23, 1879.



Witnesses,
C. E. Buckland.
Chas. L. Chapman

Inventors.
Nelson F. Twing
Henry E. Ducker
By T. A. Curtis,
their Atty.

UNITED STATES PATENT OFFICE.

NELSON F. TWING AND HENRY E. DUCKER, OF SPRINGFIELD, MASS.

IMPROVEMENT IN COUNTING-HOUSE CALENDARS.

Specification forming part of Letters Patent No. **219,836**, dated September 23, 1879; application filed July 12, 1878.

To all whom it may concern:

Be it known that we, NELSON F. TWING and HENRY E. DUCKER, both of Springfield, in the State of Massachusetts, have invented a new and useful Improvement in Counting-House Calendars; and that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing, making a part of this specification, and to the letters of reference marked thereon.

Our invention relates to that class of counting-house calendars which consist of a number of sheets suitably printed, secured together, and suspended for convenient reference, so that the successive leaves may be easily removed as such removal becomes desirable.

The said invention consists, chiefly, in the construction of the suspending and fastening device, as hereinafter particularly described, and its combination with the calendar and with a separate card surmounting the same.

In the drawing, A designates the wire fastener and suspending device, and B the calendar.

The middle of the upper part of said wire fastener forms a loop for suspension from a nail or other convenient object. Its general form is that of a triangle with its broadest side downward. This lower side or base is double, being formed by the two ends *c c* of the wire,

which are bent so as to be parallel and one above the other. They are clasped round the sides of the triangle, as shown, so that they will hold firmly. The sheets of the calendar are slipped through the space between them and hang down by the middle on each side.

The inclined sides of fastener A are bent into loops *e*, two on each side, and these loops serve to hold a card, *f*, which may be used for advertising purposes.

Between the lower end of card *f* and the bottom bars, *c*, is a space, D, which serves to receive the sheets B when they are no longer needed for present use.

When the sixth of them has been passed through said opening the calendar is turned, and the next month, July, will then appear on the front (the former back) of said calendar, both sides of each page being printed.

Having thus described our invention, we claim—

The fastener A, having loops or coils *e* on its sides for holding card *f*, said fastener being adapted to receive calendar B, as shown.

NELSON F. TWING.
HENRY E. DUCKER.

Witnesses:

T. A. CURTIS,
C. E. BUCKLAND.