S. O. BARTLETT.

CALENDAR.

APPLICATION FILED FEB. 11, 1921.

1,421,379.

Patented July 4, 1922.

2 SHEETS—SHEET 1.

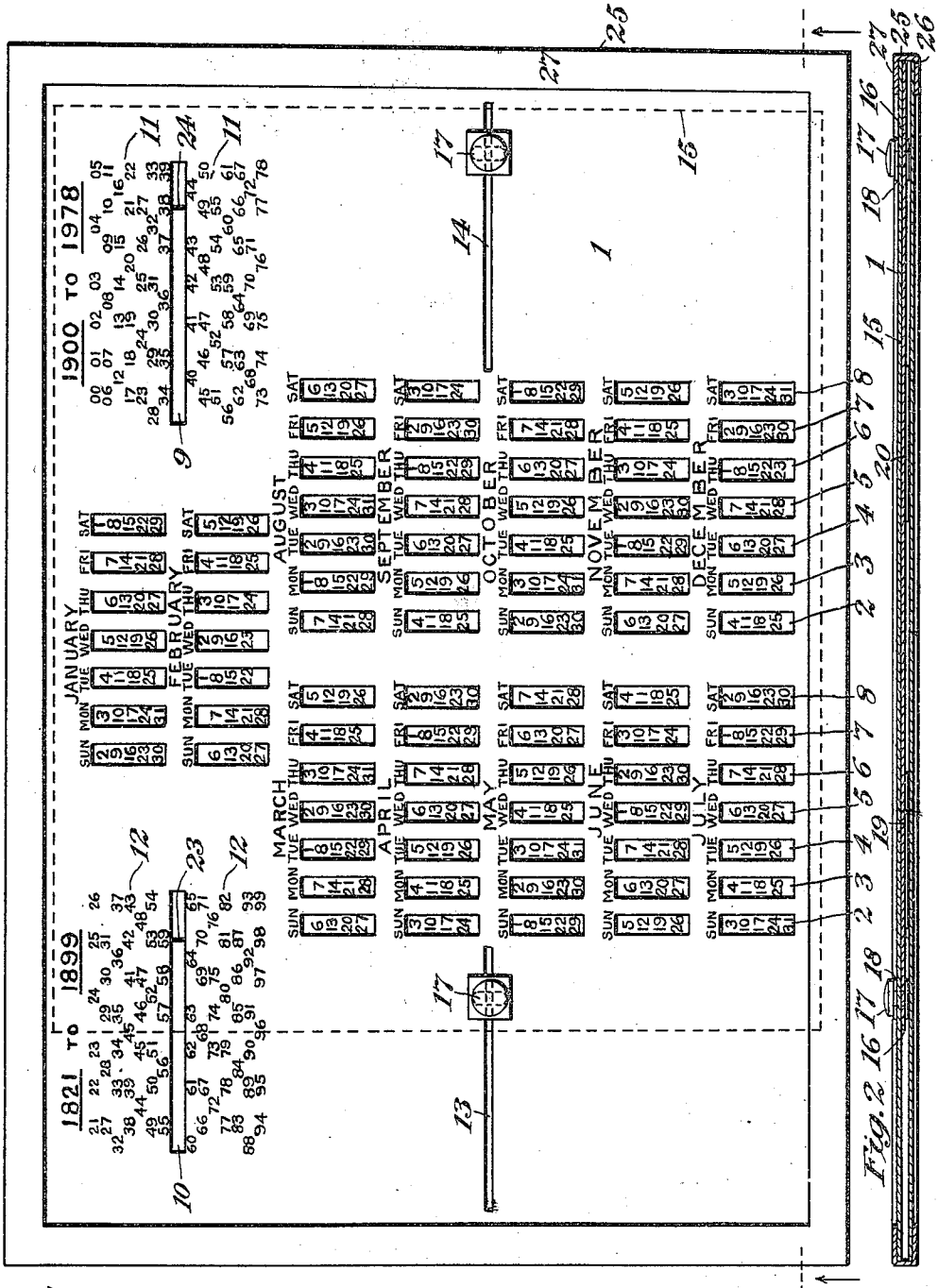


Fig. 1

Fig. 2

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2 SHEETS—SHEET 2.

Fig. 3

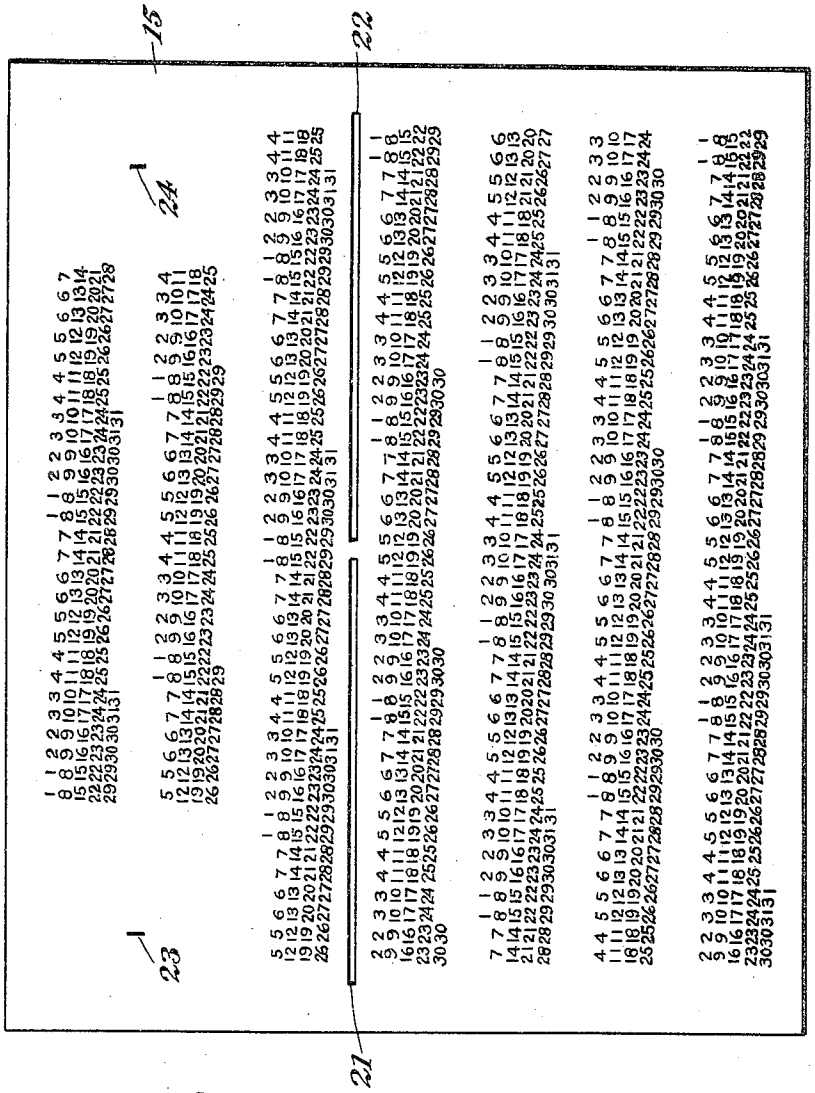
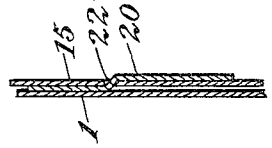


Fig. 4



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UNITED STATES PATENT OFFICE.

SAMUEL O. BARTLETT, OF NEW YORK, N. Y.

CALENDAR.

1,421,379. Specification of Letters Patent. Patented July 4, 1922.

Application filed February 11, 1921. Serial No. 444,086.

To all whom it may concern:

Be it known that I, SAMUEL O. BARTLETT, a citizen of the United States, residing in the borough of Bronx, city and State of New York, have invented certain new and useful Improvements in Calendars, of which the following is a specification.

My invention relates to calendars having the general characteristics of perpetual calendars, or multi-year calendars, the constituent elements of which are susceptible of relative adjustment so as to exhibit, optionally, a correct calendar for either of a plurality of years; and my improvements are directed particularly to combining series of numbers with series of registration points, so that, by proper adjustment, the correct figures will appear at the proper registration points; all as I will now proceed to point out and explain; referring, in so doing, to the accompanying drawings, in which Fig. 1 is a plan view of my improved calendar set for the years, 1859, 1938 and fifteen other years; Fig. 2 is an edge view of the same; Fig. 3 is a plan view of the movable, number-bearing sheet; and Fig. 4 is a detail, with the frame removed, looking to the left on Fig. 1.

In all the figures the same parts are designated by the same reference numerals.

The face sheet or mat 1 is provided with a plurality of series of slots or openings, 2, 3, 4, 5, 6, 7, 8, arranged, preferably in twelve groups of seven slots each, each group being intended for the calendar of one month, and each slot being a day-index slot for the same week day of a particular month; suitable designations for the months and days being associated with the several groups.

The mat 1 is also provided with one or more year-index slots or openings 9, 10, with which are associated groups of figures, as 11 and 12, arranged in columns, preferably, at right angles to the slots, and constituting appropriate designations of different years. In the drawings, the left hand group 12, includes the years 1821 to 1899, and the right hand group the years 1900 to 1978. The columns of figures in groups 11 and 12 are so arranged that years that have the same calendar shall fall in the same column.

The mat 1 is also provided with two other slots 13, 14, which serve as guides for the movable, associated number sheet 15, which is mounted behind the mat, and is arranged so that it may be slid to and fro in relation to the mat. In the drawings this is shown as being provided for by fastenings 16, having enlarged heads 17, and shanks 18, which are passed through the slots 13 and 14 and through the number sheet 15 and clinched behind the latter, so that the shanks 18 may slide in the slots 13, 14 when the number sheet is moved from side to side. Suitable guide strips, 19, 20 may be secured to the back of the mat 1, so as to be passed through slots 21, 22 through the number sheet 15, these guides serving to hold the central portions of the number sheet and mat near each other and to support them adjustably in their proper relations.

The number sheet 15, is provided with groups of numbers; the numbers in each group being, preferably, arranged in vertical columns, and also in parallel lines disposed at an acute angle to the horizontal, the vertical columns being adapted to register, selectively, behind the day-index slot openings in the mat 1, so as to present the proper numerals for the dates upon which the particular days appear in each month of any selected year.

Upon the number sheet 15 are year indicators 23, 24, registering behind the year slots 9, 10, so as to point out the particular year or years to which the calendar may be set at any time.

The relation between the day numbers and the year indicators is such that whenever the year indicators are placed in line with the year numbers, the appropriate day numbers for the days of each of the years, in the year column indicated, will appear behind their appropriate slots in the mat 1.

Thus, in the drawings, the year indicators 23, 24, are shown as registering respectively in the year columns including the years 1825, 1831, 1842, 1853, 1859, 1870, 1881, 1887, 1898 and the years 1910, 1921, 1927, 1938, 1949, 1955, 1966, 1977 respectively; and the day numbers appearing in the day slots are the proper day numbers for each of said years.

The calendar may be mounted in a suitable frame, as 25, provided with a closed back 26 and a marginal flange 27. And other methods of mounting the calendar will readily occur to an experienced workman.

I desire it to be understood that details of my calendar may be varied, as by the use of equivalents, without departing from the scope of my invention as claimed.

Having thus described my invention what I claim and desire to secure by Letters Patent of the United States is:—

1. The combination in a multi-year calendar, of a mat, provided with monthly groups of day-index slots, a group of year indicating numbers, a year index slot, and guide strips, and a relatively movable, cooperating number-sheet, provided with guide slots adapted to register with said guide strips, series of day numbers, adapted to register behind the day-index slots, and with a year indicator adapted to register behind the year-index slot.

2. The combination, in a multi-year calendar of a mat provided with monthly groups of day-index slots, a plurality of groups of year indicating numbers, year-index slots, guide slots and guide strips, and a relatively slidable, cooperating number-sheet, provided with guide numbers adapted to register with the aforesaid guide slots, guide slots adapted to register with said guide strips, year indicators adapted to register behind the year-index slots, and day numbers adapted to register behind the day-slots.

SAMUEL O. BARTLETT.