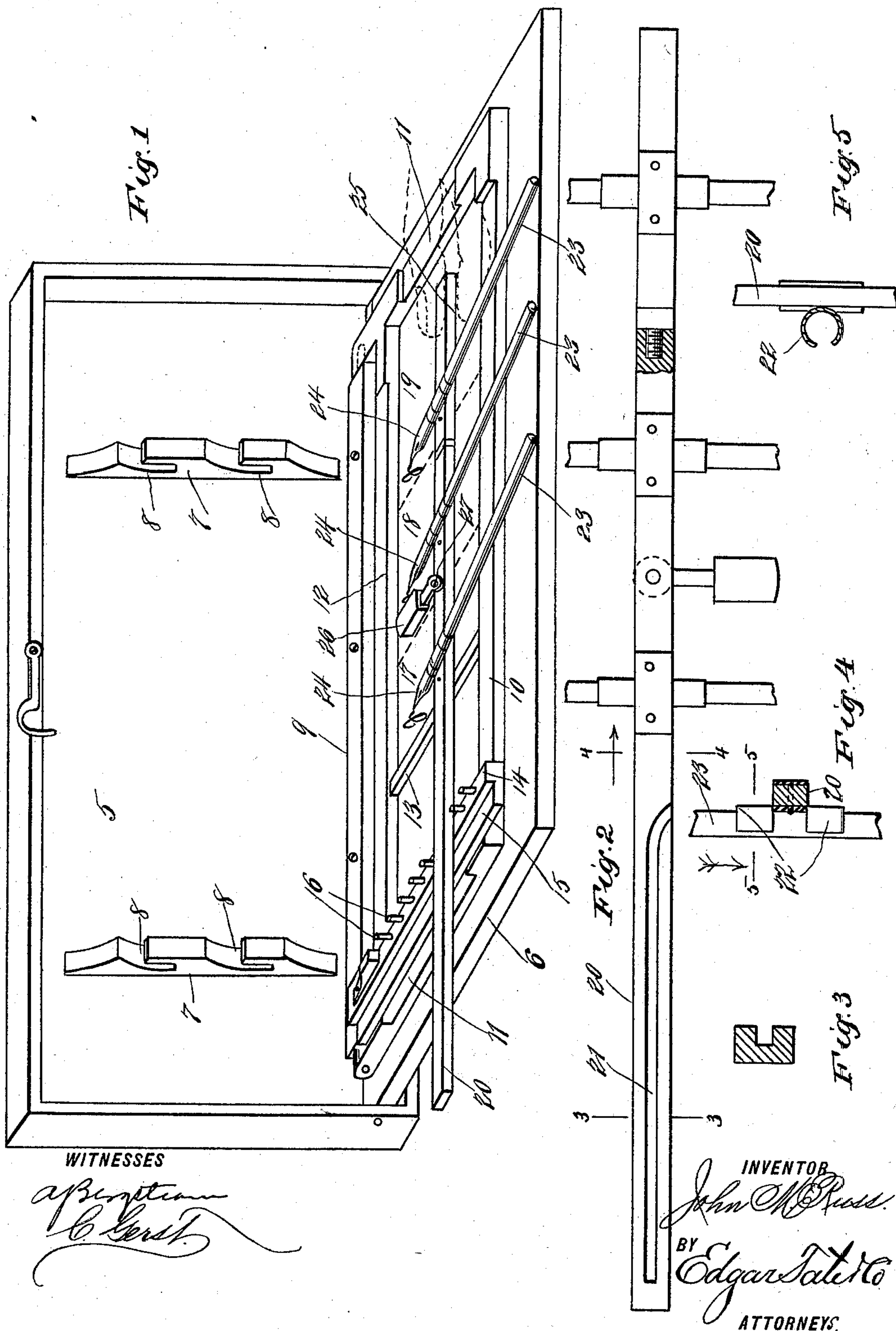


(No Model.)

J. M. RUSS.
MANIFOLD LETTER WRITER.

No. 591,084.

Patented Oct. 5, 1897.



UNITED STATES PATENT OFFICE.

JOHN MORGAN RUSS, OF ELIZABETHTOWN, NORTH CAROLINA.

MANIFOLD LETTER-WRITER.

SPECIFICATION forming part of Letters Patent No. 591,084, dated October 5, 1897.

Application filed February 27, 1897. Serial No. 625,307. (No model.)

To all whom it may concern:

Be it known that I, JOHN MORGAN RUSS, a citizen of the United States, residing at Elizabethtown, in the county of Bladen and State of North Carolina, have invented certain new and useful Improvements in Manifold Letter-Writers, of which the following is a full and complete specification, such as will enable those skilled in the art to which it appertains to make and use the same.

This invention relates to manifold letter-writers; and the object thereof is to provide an improved device of this class whereby a number of similar letters may be written with a pen at the same time.

The invention is fully disclosed in the following specification, of which the accompanying drawings form a part, in which—

Figure 1 is a perspective view of my improved letter-writer, the separate parts thereof being in position for operation; Fig. 2, a bottom plan view of a detail of the construction, part of which is shown in section; Fig. 3, a section on the line 3 3 of Fig. 2; Fig. 4, a section on the line 4 4 of Fig. 2, and Fig. 5 a section on the line 5 5 of Fig. 4.

In the drawings forming part of this specification the separate parts of my improvement are designated by the same numerals of reference in each of the views, and in the practice of my invention I provide an oblong box or casing 5, which is open at one side and in which is pivoted a plate or board 6, and the back of the box or casing is provided with transverse strips 7, in which are formed notches or recesses 8.

The plate or board 5 is provided near the rear edge thereof with a longitudinal strip 9, which is secured thereto in any desired manner and at the ends of which is pivoted a frame comprising a front strip 10 and end bars 11, and said frame is provided near the rear portion thereof with a longitudinal bar 12, and the longitudinal bar 12 and the front strip 10 of the pivoted frame are connected by a cross-bar 13 near the left-hand end thereof. I also provide a cross-plate 14, which is secured to the pivoted frame at the left-hand end thereof and on which is formed a longitudinal extension 15, and the cross-plate 14 is provided with a plurality of upwardly-directed pins 16.

The pivoted frame is adapted to hold the sheets of paper on which the letters are to be written, three of which are shown and designated by the reference-numerals 17, 18, and 19, and I also provide a bar 20, which is provided at the left-hand end thereof with a longitudinal slot 21, which is formed in the bottom thereof, and said bar is provided at proper intervals, which correspond with the position of the sheets 17, 18, and 19, with pen-stock holders, which consist of short open tubes 22, which are secured to the bar 20 and through which the pen-stocks 23 are passed, as shown in Fig. 4, and said pen-stocks are provided at their inner ends with penholders, with which pens 24 are connected.

The pens 24 are adapted to bear on the sheets of paper and may be inked in the usual or any preferred manner, and in practice the bar 20 is grasped by the right-hand end thereof, as indicated at 25, and by manipulating said bar, as will be readily understood, so as to form the letters, as indicated in Fig. 1, the separate copies of the letter may be written. In this operation the bar is free to move on one of the pins 16, which slides in the groove 21, and when a line has been written the bar is moved outwardly on the next adjacent pin.

This device is simple in construction and operation and well adapted to accomplish the result for which it is intended, and the notches or recesses 8 in the strips 7, which are secured to the back of the box or casing, are intended to hold the bar 20 when not in use, and the hinge plate or board at 6, together with the pivoted frame, is adapted to be swung upwardly into said box or casing, as will also be readily understood.

The bar 20 is provided with a weight 26, which is connected therewith by a pivoted bar 27, on which said weight is adapted to be adjusted, and this weight is intended to hold the pens upon the paper and to facilitate the operation of said bar.

Having fully described my invention, I claim as new and desire to secure by Letters Patent—

1. A manifold letter-writing device, consisting of a plate or board on which is mounted a pivoted frame, by means of which separate sheets of paper are held on said plate or board, said pivoted frame being provided

at one end with a cross-plate, to which is secured a number of vertical pins, and a bar which is provided with a longitudinal groove in the lower side thereof, in which one of said
5 pins is adapted to operate, said bar being also provided with transverse penholders, substantially as shown and described.

2. A manifold letter-writing device, consisting of a plate or board on which is mounted
10 a pivoted frame, by means of which separate sheets of paper are held on said plate or board, said pivoted frame being provided at one end with a cross-plate, to which is secured a number of vertical pins, and a bar
15 which is provided with a longitudinal groove in the lower side thereof, in which one of said pins is adapted to operate, said bar being also provided with transverse penholders, and said plate or board being pivotally connected
20 with a box or casing into which it is adapted to be folded, substantially as shown and described.

3. A manifold letter-writing device, consisting of a plate or board on which is mounted

a pivoted frame, by means of which separate
25 sheets of paper are held on said plate or board, said pivoted frame being provided at one end with a cross-plate, to which is secured a number of vertical pins, and a bar
30 which is provided with a longitudinal groove in the lower side thereof, in which one of said pins is adapted to operate, said bar being also provided with transverse penholders, and said plate or board being pivotally connected
35 with a box or casing into which it is adapted to be folded, and said box or casing being provided with transverse strips which are secured to the back thereof, in which are formed notches or recesses, substantially as shown
40 and described.

In testimony that I claim the foregoing as my invention I have signed my name, in presence of the subscribing witnesses, this 20th day of February, 1897.

JOHN MORGAN RUSS.

Witnesses:

R. S. WHITE,
T. V. BUTLER.