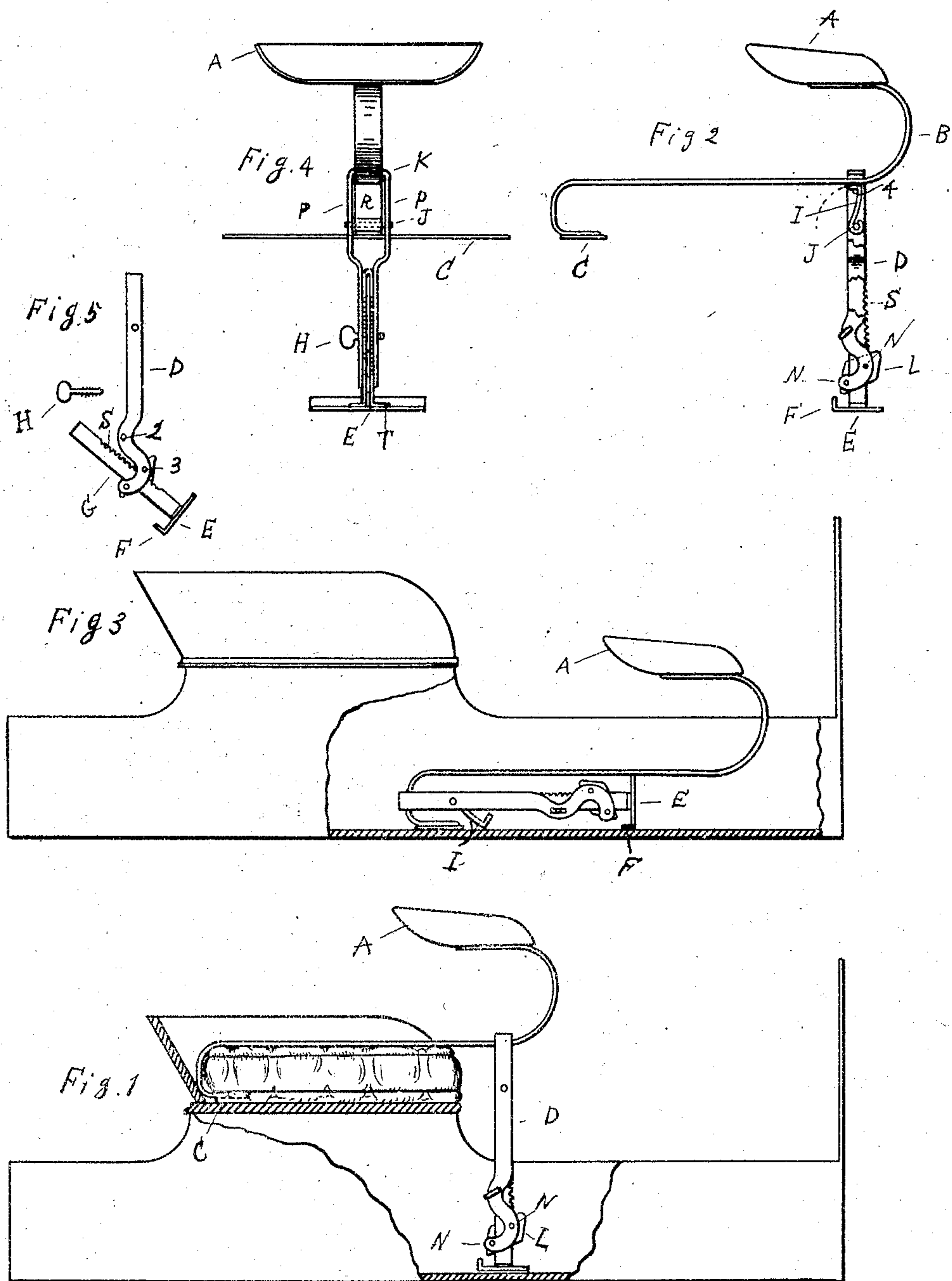


No. 778,223.

PATENTED DEC. 27, 1904.

E. COX.
BUGGY SEAT.
APPLICATION FILED FEB. 20, 1904.



Witnesses:

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UNITED STATES PATENT OFFICE.

EMET COX, OF WICHITA, KANSAS.

BUGGY-SEAT.

SPECIFICATION forming part of Letters Patent No. 778,223, dated December 27, 1904.

Application filed February 20, 1904. Serial No. 194,471.

To all whom it may concern:

Be it known that I, EMET COX, a resident of Wichita, in the county of Sedgwick and State of Kansas, have invented certain new and useful Improvements in Buggy-Seats; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to buggy-seats, and has for its design the seating of a third person, avoiding the necessity of holding said person on the lap, thus avoiding the fatigue and inconvenience as is the case without the use of my invention, which can be adjusted for either adult or child.

Figure 1 is my invention positioned in the buggy ready for use. Fig. 2 is the said invention complete. Fig. 3 is the said seat adjusted and positioned for a child. Fig. 4 is a front elevation. Fig. 5 is a detailed view of a portion of the standard, illustrating the adjustment of same.

A is the seat, which is rigidly secured to a flat bar of steel B, which in form approximates an S, which form makes a spring for the seat A. To the rear end of said spring is riveted a flat piece of iron C, about twelve inches in length and four inches wide, said iron being transverse to the said spring and when in use is positioned in rear portion of the buggy-seat, as clearly seen in Fig. 1. The buggy-cushion is beneath the body portion of the spring B. The plate C, as illustrated in Fig. 1, rests on the bottom of the buggy-seat beneath the cushion and secures the seat against any lateral movement.

The standard D, which supports the front end of the spring B, is formed of a bar of flat iron, with a rectangle opening R to receive the spring B, the lower ends of said bar being curved and spread apart to receive the adjustable portion of the standard G, as shown in Fig. 4. A flat bar of iron is bent to approximate a U and spaced about a quarter of an inch apart, the free ends thereof having lateral lugs T, which are riveted to a flat bar of iron E, having a flange F thereon, which flange is to rest on the floor of the buggy-box when used in the position as shown in Fig. 3.

Said flange is also for the purpose of supporting said iron E against any lateral strain. One edge of the said U-shaped bar G is provided with serrations S. A rectangle piece of plate L, a quarter of an inch thick, is placed in the space of the portion of the standard G, having a round opening in either end thereof. In the curved portions of the standard D are round openings N, registering with the openings in the plate L. The standard G is placed between the free ends of the standard D, and rivets or bolts are passed through the round openings N and plate L, which will allow the portion of the standard G a longitudinal movement. A thumb-screw H is passed through a threaded opening 2.

When it is desired to adjust the height of the seat A, the portion of the standard G can be slid up or down, and when brought into a vertical position the rivet 3 will engage the serrations S and the thumb-screw H will hold the same in engagement, as illustrated in Fig. 1.

A pawl I, having a lateral lug 4, is pivotally secured between the arms P by rivet J. Said pawl is for the purpose of holding the spring B rigid against the top portion K of the standard D and releasing said spring when it is so desired. It will be seen that the lug on said pawl will lock said standard D against a forward swing and the foot E against any lateral movement.

Having described the details and construction of my invention, I will now describe its operations generally.

The plate C is placed centrally and rearwardly in the buggy-seat, and the cushion is placed over the said rear end plate C and beneath the body portion of the spring. The standard D is placed in a vertical position, as shown in Fig. 1, and adjusted in height by the longitudinal movement of the standard portion G and rigidly secured by the thumb-screw H. When it is desired to adjust the seat for a child, the spring B is removed from the buggy-seat, the pawl I is swung from under the spring, as indicated by the dotted lines, the standard D is then slid back on the spring B and folded up against the body portion of the spring B, as clearly illustrated in Fig. 3, and placed on the floor of the buggy

in a transverse or longitudinal position, as desired.

It is obvious that the invention herein set forth is susceptible to many changes and 5 modifications involving mechanical skill, which may be made within the scope of the invention without departing from the spirit thereof. I do not, therefore, desire to be understood as limiting myself to the precise 10 construction of the parts shown in the drawings.

Having thus described my invention, what I desire to secure by Letters Patent is—

1. In a buggy-seat having an **S**-shaped 15 spring, a plate and a seat secured to the free ends thereof, a vertical adjustable standard embracing and supporting the front end of said spring, substantially as specified.

2. In a buggy-seat spring, a standard hav- 20 ing a rectangle opening therein, embracing the seat-spring, a pawl pivoted within the said opening beneath the spring, the free end of said pawl provided with a rearwardly-extending lug, whereby the standard is sup- 25 ported against a forward swing, substantially as specified.

3. In a vertical standard with a rectangle opening having pivoted within said opening a pawl, the ends of said standard extending 30 downwardly, their free ends curved for the purpose shown and specified.

4. In a buggy-seat, an **S**-shaped spring passing through a rectangle opening in a vertical standard, a pawl within said opening beneath 35 the spring, the said standard having upper and lower sections, the upper section embrac-

ing the lower section, said lower section being adjustably affixed to said upper section whereby the said standard can be lengthened or shortened as desired, substantially as specified. 40

5. In a standard in two sections to support a seat-spring, said standard having a rectangle opening, a pawl having an extending lateral lug, pivoted within said opening beneath the spring, the lower section of said standard bent 45 to approximate a **U**, the free ends thereof having lateral extensions to which are riveted a flat bar of angle-iron, the edge of said standard having serrated edges to engage the rivet **N**, whereby the said section can be given a 50 longitudinal movement between the lower ends of the upper section and rigidly secured in the desired position by the thumb-screws, substantially as specified.

6. In a buggy-seat the combination of the 55 **S**-shaped spring, the plate **C**, and seat **A**, the standard having a rectangle opening to receive the spring, the pawl **I**, pivoted within the said opening the lower section adjustably connected to said upper section, the angle-plate 60 rigidly secured to the lower section, the plate **L**, held to slide longitudinally in said lower section **G**, the serrations **S**, and thumb-screw **H**, substantially as specified.

In testimony whereof I have signed this 65 specification in the presence of two subscribing witnesses.

EMET COX.

Witnesses:

F. A. REED,
EDWIN C. MITCHELL.