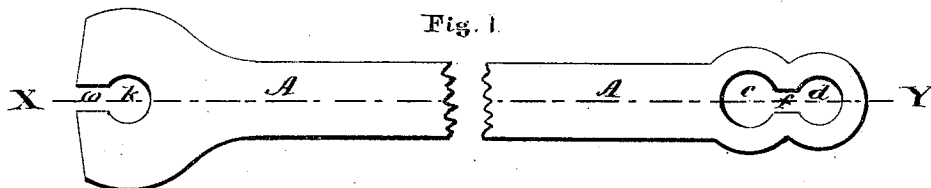
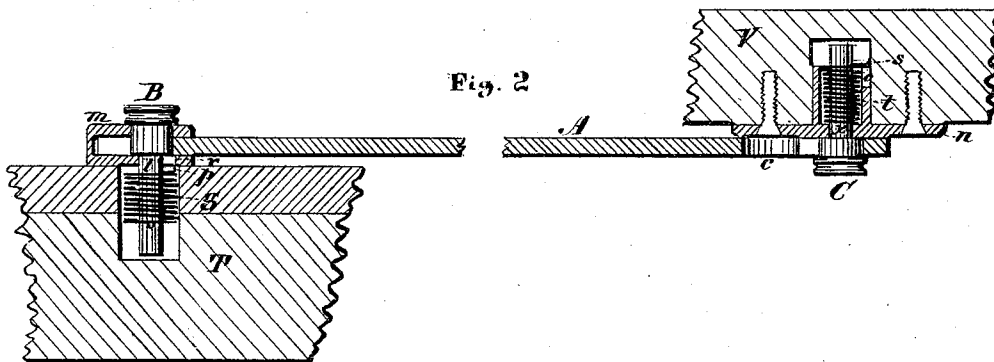
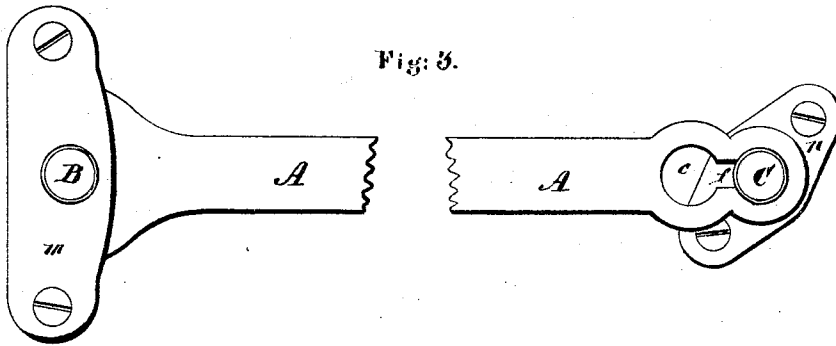


W. J. CALAIS.
Car-Seat Arms.

No. 151,470.

Patented June 2, 1874.



Witnesses:

Edw. Dean
Geo. Russell

Inventor

W. J. Calais

UNITED STATES PATENT OFFICE.

WILLIAM J. CALAIS, OF WILMINGTON, N. C., ASSIGNOR OF ONE-HALF HIS
RIGHT TO WILLIAM H. JAMES AND JAMES ANDERSON, OF SAME PLACE.

IMPROVEMENT IN CAR-SEAT ARMS.

Specification forming part of Letters Patent No. **151,470**, dated June 2, 1874; application filed
September 5, 1873.

To all whom it may concern:

Be it known that I, W. J. CALAIS, of the city of Wilmington, State of North Carolina, have invented an Adjustable Car-Seat Arm, of which the following is a specification:

The object of my invention is to connect or disconnect the car-seat arm A (reference being had to the accompanying drawing) with back T and arm-rest V easily and rapidly, without the removal and replacement of screws, and consequent scratching and defacing of parts and loss of time.

Figure 1 shows a broken plan of adjustable arm A; Fig. 2, a longitudinal section of arm A, connected with back T by spring-bolt B, and with an arm-rest, V, by spring-bolt C. Fig. 3 shows an outside view of arm A in place in socket-plate *m*, by which it is connected with back T; also, an inside view of arm A, connected with plate *n*, by which it is attached to arm-rest V.

g represents the spring of bolt B. *f* represents the spring of bolt C.

To disconnect arm A from back T, draw out spring-bolt B by its head, so that its smaller diameter *L* can pass out through slot *w*.

To disconnect arm A from arm-rest V, draw out spring-bolt C by its head, so that its smaller diameter *x* can pass through slot *f* into larger hole *e*, through which the head of bolt C can pass.

When arm A is connected with arm-rest V, by giving bolt C a half-turn, pin *s* is turned away from slot *o*, by which means bolt C is held firmly in place, and cannot be withdrawn. A half-turn of bolt B removes pin *p* from slot *r*, for a similar purpose.

I claim as my invention—

In combination with the adjustable arm A, having slots *w* and *e*, the movable bolts B and C, substantially as and for the purposes set forth.

W. J. CALAIS.

Witnesses:

SOL. BEALL,
GEO. RUSKELL.