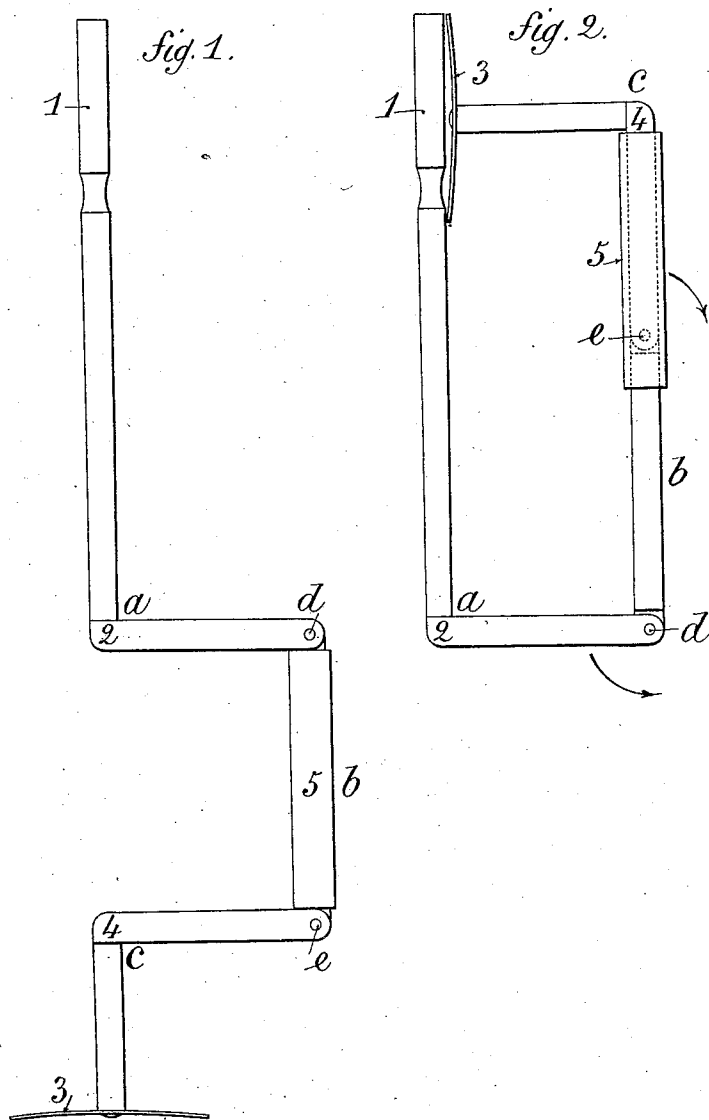


No. 884,856.

PATENTED APR. 14, 1908.

E. RÉQUILLART.
FOLDING BIT STOCK.
APPLICATION FILED NOV. 15, 1906.



Witnesses:-

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UNITED STATES PATENT OFFICE.

EDOUARD RÉQUILLART, OF LEVALLOIS-PERRET, FRANCE.

FOLDING BIT-STOCK.

No. 884,856.

Specification of Letters Patent.

Patented April 14, 1908.

Application filed November 15, 1906. Serial No. 343,639.

To all whom it may concern:

Be it known that I, EDOUARD RÉQUILLART, a citizen of the Republic of France, residing at Levallois-Perret, 5 Rue Voltaire, Seine, in the Republic of France, constructor, have invented a certain new and useful Improvement in Folding Bit-Stocks; of which the following is a specification.

This invention relates to drills, and the object of the invention is to so construct a device of this character that it can be folded or closed and thus made to occupy but a very small space.

One embodiment of my invention is shown, by way of example, in the accompanying drawing, in which

Figure 1—is an elevation of the drill in the position it occupies when in operation; and Fig. 2—shows the same in its folded or closed position.

My improved drill is divided into three parts *a*, *b*, *c*, hinged together at *d*, *e*.

The part *a*, which receives the tools at 1, is bent at right angles at 2; the part *c*, provided with a breast-plate 3, is bent at right angles at 4; the part *b*, which carries the operating handle 5 is straight.

The jointed connections *d*, *e*, are so fitted as to limit the rotation of the parts *a*, *b*, *c* in the direction of the arrows shown in Fig. 2, so that the said parts form, when they occupy the position shown in Fig. 1, a drill which is enabled to offer a rigid resistance to the compression strain to which it is designed to be subjected. The hinges *d*, *e* are also so arranged as to resist the torsion strain to which the drill may be subjected.

It will be seen that by folding the parts *a* *b* *c*, the drill is brought into rectangular shape, the dimensions thus being greatly reduced. The drill can then be put into a box or pocket of relatively small size, and the empty space within the folded drill may be used for holding the bits, screw-drivers, and other similar tools to be located on the end 1.

The handle 5 is slidable onto the parts *b*, *c*, in such a manner as to maintain the latter in the position shown in Fig. 2.

To obtain a compact and practical instrument, it is preferable to locate the joints at the ends of the eccentric part forming the handle, or at the least at a certain distance from the axis of rotation of the drill, in order, that the compression strain which is exercised on the latter may serve to maintain the drill automatically and steadily in the proper shape.

Claim:

A drill brace comprising a middle rod, two end bell-cranks pivoted to the middle rod and adapted to swing in a plane passing through said middle rod, said rods being adapted to impinge or contact with one another when in position for work and a tubular handle adapted to slide on the middle rod and on an adjacent part of one of the bell-cranks when said rods are in folded position.

In testimony, that I claim the foregoing as my invention, I have signed my name in presence of two subscribing witnesses.

EDOUARD RÉQUILLART.

Witnesses:

HANSON C. COXE,
MAURICE ROUX.