

G. TURNER.

Improvement in Scissors.

No. 123,371.

Patented Feb. 6, 1872.

Fig. 1.

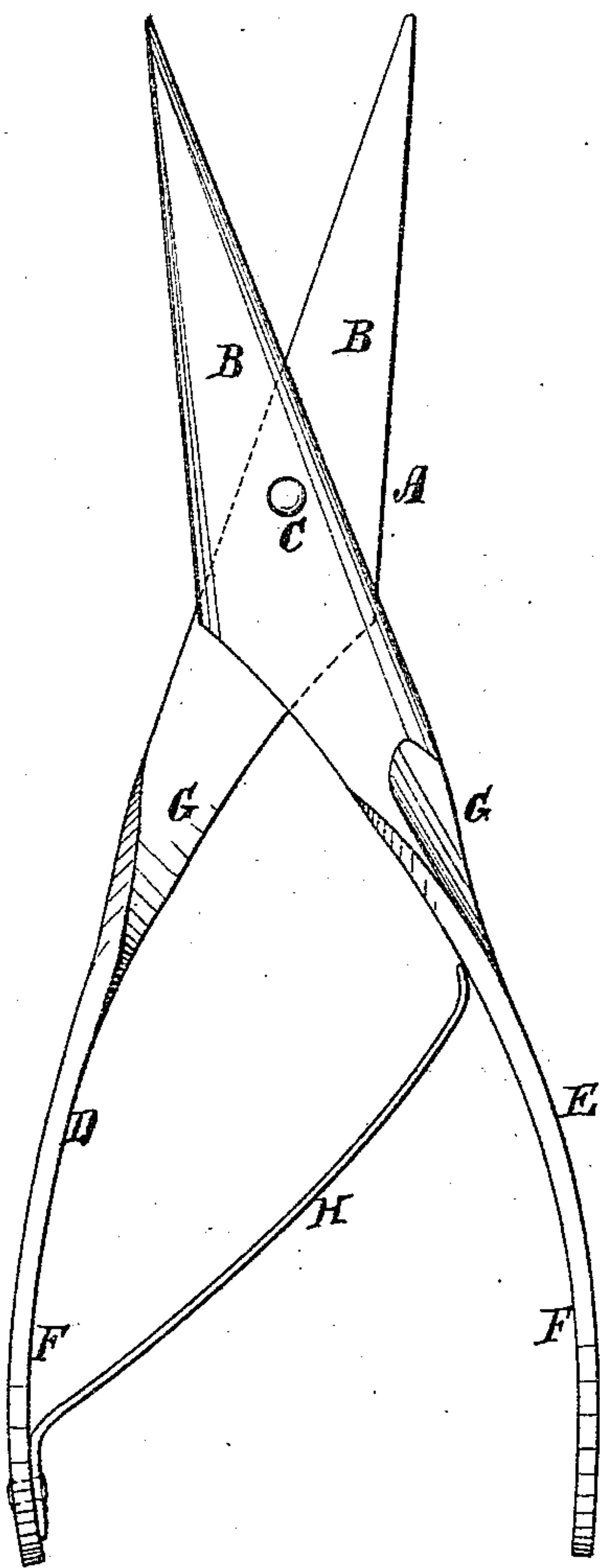
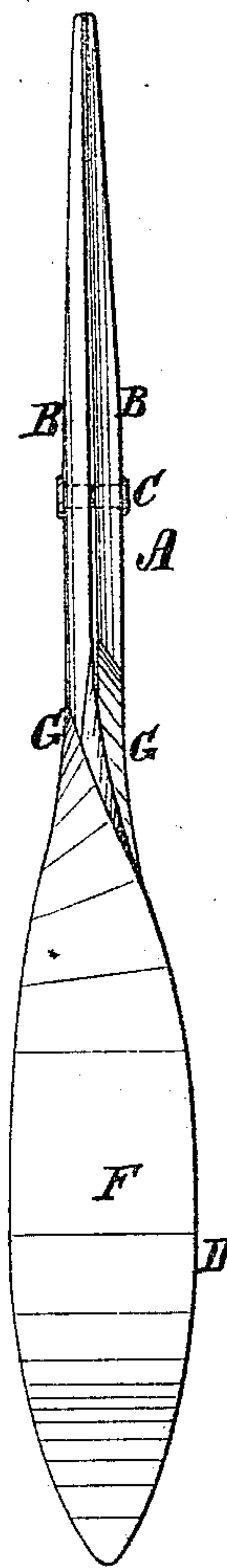


Fig. 2.



Witnesses:

A. Bennekenhof.  
Francis McArdle.

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## UNITED STATES PATENT OFFICE.

GEORGE TURNER, OF BRISTOL, CONNECTICUT.

## IMPROVEMENT IN SCISSORS.

Specification forming part of Letters Patent No. 123,371, dated February 6, 1872.

*To all whom it may concern:*

Be it known that I, GEORGE TURNER, of Bristol, in the county of Hartford and State of Connecticut, have invented certain new and useful Improvements in Scissors, of which the following is a specification:

My invention consists in the improved article consisting of sheet-steel scissors, each blade and its handle being formed from a flat piece and twisted a quarter turn just back of the pivot, which connects the blades, as hereafter described.

In the accompanying drawing, Figure 1 represents a side view, and Fig. 2 an edge view of a scissors constructed according to my invention.

A designates the improved scissors, which are formed of sheet metal as follows, viz:

By means of suitable dies a flat blank is cut out from sheet-steel of a proper size, length, and shape for one blade and handle, connected by a narrow neck, G. The usual rivet or pin-hole is then punched out or drilled, after which the blank is twisted a quarter turn at its narrow neck G, so that when the handle stands flatwise the blade is edgewise thereto. The blades B are then ground into the bevel; or, if desired, they may be struck up in a die to bevel the edge and back of the blade and thin

it toward its point. The flat portion F of the handles D E may also be ornamented in a die and at the same time swaged or rounded up from edge to edge; or they may be left flat, as shown. The blades B B are hardened and tempered in any ordinary manner and polished, when a spring, H, is secured to one of the handles D E, which are japanned or finished as may be desired. The pin C is then inserted through the blades and secured, when the spring H bears against the opposite handle, so as to keep the scissors open when the handles are not held or pressed together.

By my invention these useful and convenient scissors for sewing-machines and other light uses are made of sheet metal, and are, therefore, produced at a very small cost, or at a cost far below that of forged scissors for similar purposes.

I claim as my invention—

As a new article of manufacture, the improved scissors A, formed of sheet steel, and having the quarter twist back of the pivot C and between the handles and blades, all substantially as and for the purpose described.

GEORGE TURNER.

Witnesses:

GEO. W. MABEE,  
T. B. MOSHER.