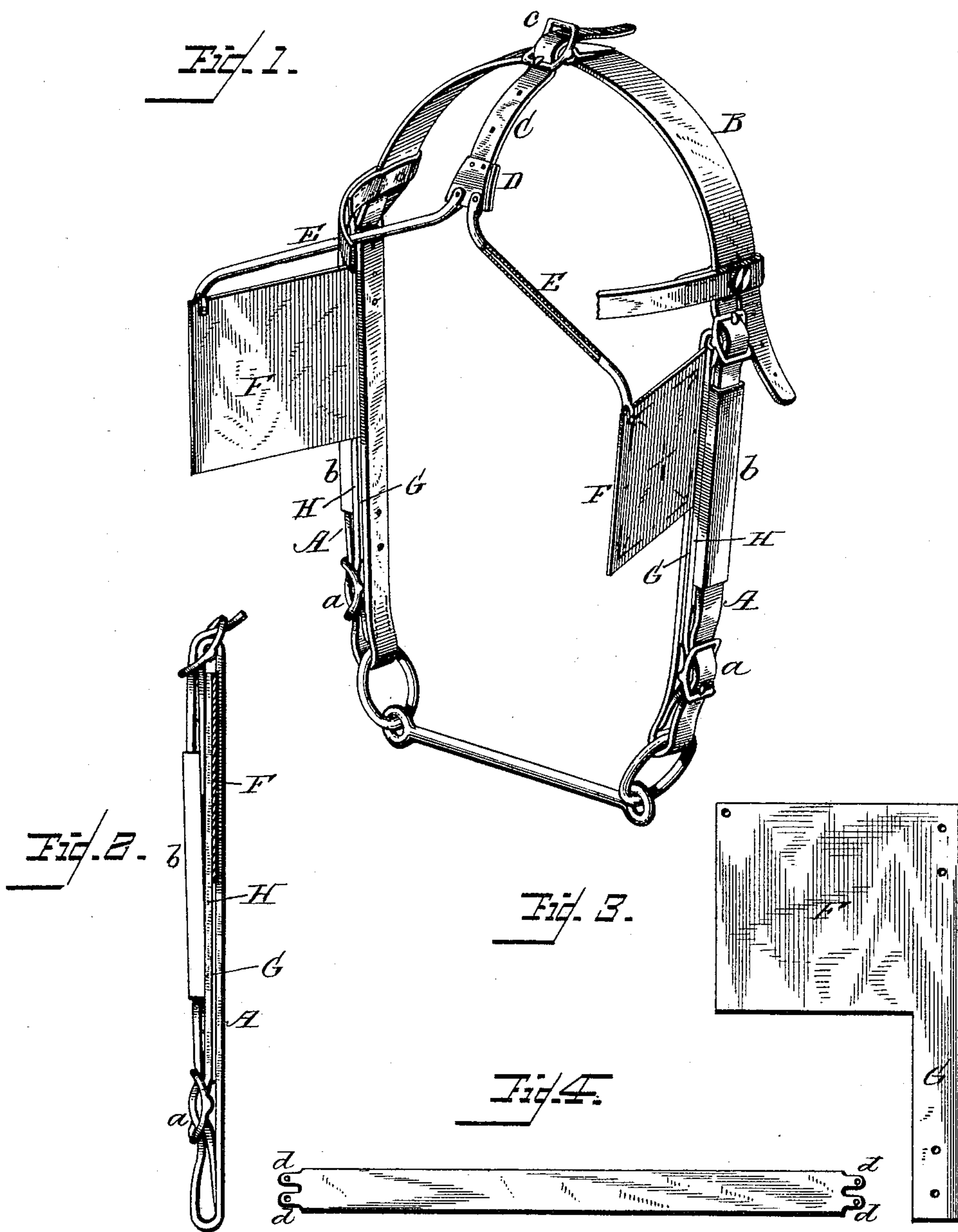


(No Model.)

M. R. GOOD.
HARNESS BRIDLE.

No. 328,773.

Patented Oct. 20, 1885.



Witnesses
" *Wm. B. Seiden.*
" *L. L. Miller.*

Inventor
Martin R. Good.
By *his Attorney* *Chas. H. Fowler*

UNITED STATES PATENT OFFICE.

MARTIN R. GOOD, OF NEW HOLLAND, PENNSYLVANIA.

HARNESS-BRIDLE.

SPECIFICATION forming part of Letters Patent No. 328,773, dated October 20, 1885.

Application filed August 5, 1885. Serial No. 173,632. (No model.)

To all whom it may concern:

Be it known that I, MARTIN R. GOOD, a citizen of the United States, residing at New Holland, in the county of Lancaster and State of Pennsylvania, have invented certain new and useful Improvements in Harness-Bridles; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a perspective view of my invention; Fig. 2, a detail edge view with the blinder in section; Fig. 3, a detail view of one of the blinders; and Fig. 4, a detail view of the sheet-metal blank from which the blinder-brace is formed.

The present invention has relation to certain new and useful improvements in bridles; and the invention consists in the several details of construction, substantially as shown in the drawings, and hereinafter described and claimed.

In the accompanying drawings, A represents the check-straps provided with the usual buckles, *a*, and keepers *b*, of metal, in which the tongues or free ends of the straps are inserted, said straps being of any suitable length and constructed in any desirable manner, but preferably in a single piece with the head-strap B.

The strap or head-piece B is provided with a buckle, *c*, for the adjusting tongue-strap C, which is connected at one end to the metal clamping-plates D, and to these plates are pivoted the upper ends of the curved metal braces E, the lower or opposite ends of the braces being pivoted to the blinders F. These braces, unlike those in common use, consist of a tube formed from a sheet-metal blank, (shown in Fig. 4,) the ends of said blank being first cut to form the tongues *d*—two at each end—so that when the blank is made into a tube by the usual well-known means the tongues at the ends will be opposite each

other and form means for embracing the blinders and clamping-plates, to which they are pivoted, thus forming a strong and durable connection between the two, the tubular braces being much lighter than when made of solid wire.

By means of the adjusting-strap C the blinders F may be brought closer together, or the distance between them increased, as found desirable. The blinders F are constructed of metal, with braces G, these braces being disposed between the keepers *b* and check-straps A, and fastened by the same rivets that connect the keepers to the straps, or any other preferred means as a fastening may be used.

A packing-strip, H, is interposed between the blinder and its brace and the keeper, in order to form a cushion to render that portion coming in contact with the horse's head more comfortable, and allowing the blinders to give laterally.

The braces G serve to stiffen the check-straps A, and at the same time form a means to securely fasten the blinders in place.

I prefer to form the blinders of sheet metal polished or enameled; or, if desirable, the metal may be covered with any suitable material.

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

A bridle constructed substantially as described, the blinders thereof having braces, packing-strips interposed between the blinders and braces and the keepers, and tubular braces pivoted to the blinders and to clamping-plates upon the end of an adjusting-strap, substantially as and for the purpose set forth.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

MARTIN R. GOOD.

Witnesses:

LUTHER G. BOWERS,
A. E. MANAHAN.