

(No Model.)

C. KINGSBURY.

DEVICE FOR REPAIRING TAPE MEASURES.

No. 475,944.

Patented May 31, 1892.

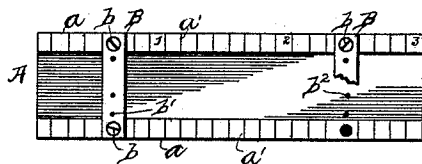


Fig. 1.

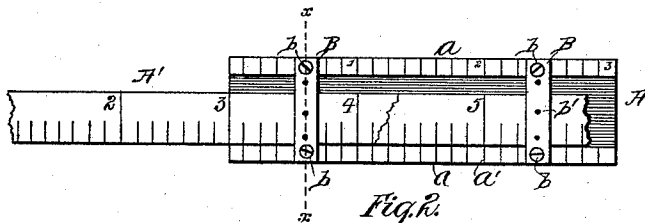


Fig. 2.

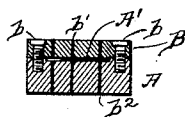


Fig. 3.

WITNESSES:

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DEVICE FOR REPAIRING TAPE-MEASURES.

SPECIFICATION forming part of Letters Patent No. 475,944, dated May 31, 1892.

Application filed February 6, 1892. Serial No. 420,611. (No model.)

To all whom it may concern:

Be it known that I, CHARLES KINGSBURY, of Yonkers, county of Westchester, and State of New York, have invented a certain new and useful Improvement in Devices for Repairing Tape-Measures, of which the following is a specification.

This invention relates more particularly to devices for repairing broken steel tape-lines while in the field; and it consists of an anvil having a clamping device thereon.

In the accompanying drawings, Figure 1 is a top or plan view of a device embodying my improvement, with a portion of a clamp broken away. Fig. 2 is a top view showing a broken tape-line secured in place, and Fig. 3 is a section on the line *xx* of Fig. 2.

Referring by letter to the drawings, A designates the anvil, consisting of a bar of hard metal, such as steel. On its upper surface the anvil is longitudinally channeled to form the side ribs *a*, having a height from the surface of the anvil approximating the thickness of a steel tape *A'*. The ribs *a* have scale-marks *a'* on their upper surfaces, so that when a tape is clamped in position its scale-marks may be made to register with the marks on the ribs.

B designates the clamping devices, consisting of metal bars extending across the anvil and clamped by means of screws *b*. Each bar B is provided with holes *b'*, through which a suitable punch may be inserted, and the anvil is provided with holes *b''*, registering with the holes *b'*.

In repairing a tape-line the tape is clamped in position, as shown in Fig. 2, with a thin piece of metal beneath it. Then with a suitable steel punch inserted through the holes *b'* holes are punched through the tape and thin piece of metal. Then upon removing the tape and piece of metal from the anvil the parts may be secured together by rivets passing through the punched holes. Of course after securing the parts as above indicated intermediate rivets may be inserted.

It will be seen that there are three holes in each clamping device B and that in Fig. 1 the intermediate hole is nearer to one side than the other side. This is to accommodate the device to tapes of different widths.

Having described my invention, what I claim is—

1. In a device for repairing steel tapes, the anvil having the edge ribs and the clamping devices provided with holes, substantially as specified.

2. In a device for repairing steel tapes, the anvil having the raised edges provided with scale-marks and clamping devices provided with holes, substantially as specified.

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

CHARLES KINGSBURY.

Witnesses:

ANTHONY GREF,
WM. M. ILIFF.