

D. C. MOORHEAD.

Galvanic Ring.

No. 4,167.

Patented Aug. 26, 1845.

Fig. 1.

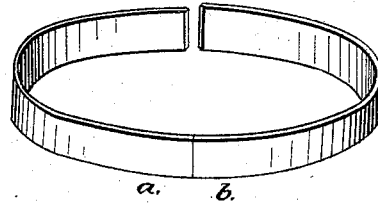
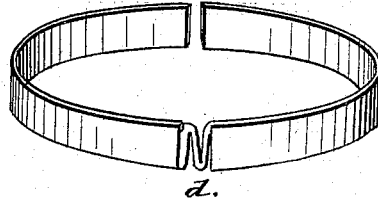


Fig. 2.



UNITED STATES PATENT OFFICE.

DAVID C. MOORHEAD, OF NEW YORK, N. Y.

IMPROVEMENT IN GALVANIC RINGS, BELTS, &c.

Specification forming part of Letters Patent No. 4,167, dated August 26, 1845.

To all whom it may concern:

Be it known that I, DAVID C. MOORHEAD, of the city, county, and State of New York, have invented a new and useful Improvement in the Construction of Galvanic Rings, Belts, Bracelets, &c., of which the following is a full and accurate description, reference being had to the annexed drawing, making part of this specification.

The drawing, Figure 1, is intended to represent a ring or belt formed of any two metals capable of yielding, when excited, galvanic electricity. The part *a* may be formed of copper, *b* of zinc, or the construction may be formed by the ring being of copper inside a ring of zinc, the surfaces of each metal being exposed. That the ring or belt so constructed may be adapted with convenience to

those parts of body in which there is considerable motion I make a portion of the ring of coiled wire, as shown at *c*, by means of which the ring or belt is rendered elastic, and may be worn on the chest or abdomen without interfering in the least with the respiratory organs or the action of those parts.

I do not claim as my invention the construction of galvanic rings of any description.

What I do claim as my improvement, and desire to secure by Letters Patent, is—

Simply making the galvanic rings, bands, &c., elastic, in the mode described.

DAVID C. MOORHEAD.

Witnesses:

M. M. NOAH,
S. P. TOWNSEND.