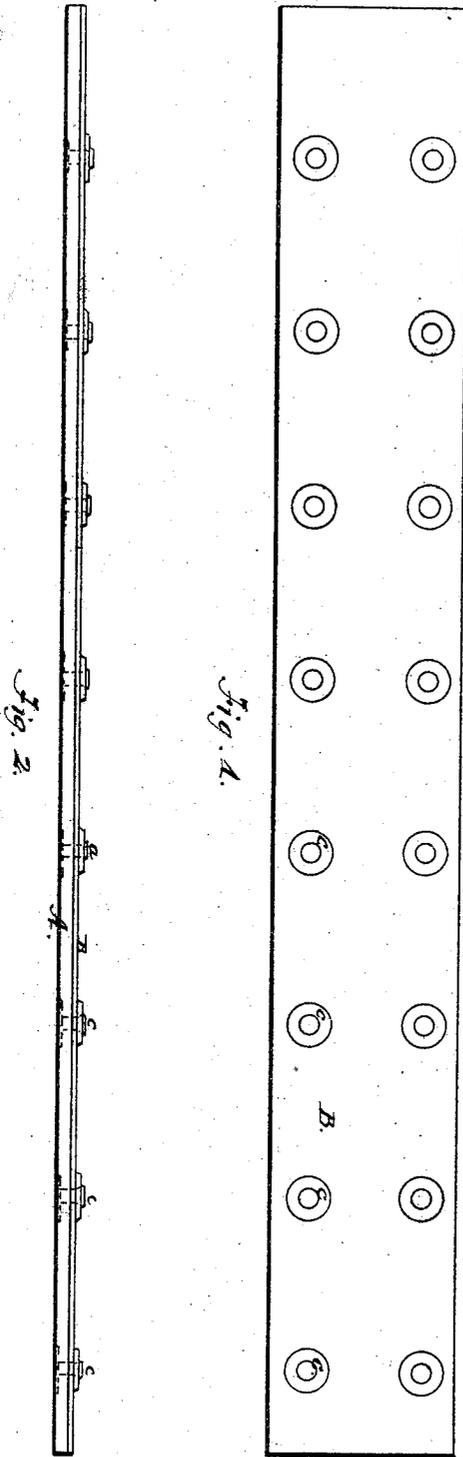


V. Fountain, Jr.
Machine Belting.

N^o 72181

Patented Dec. 17, 1867.



H. Nichols
H. A. Watson

Vincent Fountain Jr. by his atty
Widney Davis

United States Patent Office.

VINCENT FOUNTAIN, JR., OF CASTLETON, NEW YORK.

Letters Patent No. 72,181, dated December 17, 1867.

IMPROVEMENT IN MACHINE-BELTING.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, VINCENT FOUNTAIN, Jr., of Castleton, in the county Richmond, New York, have invented, made, and applied to use certain new and useful Improvements in the Construction of Machine-Belting; and I do declare the following to be a full, clear, and correct description of the same, reference being had to the accompanying drawings, making part of this specification, and to the letters of reference marked thereon, in which—

Figure 1 is a front view of my improved machine-belting,

Figure 2, an end view of the same.

In the drawings, like parts of the invention are pointed out by the same letters of reference.

The nature of my invention consists in the formation, as more particularly hereinafter described, of machine-belting, by combining leather and metal riveted thereto.

To enable those skilled in the arts to make and use my invention, I will speak of its construction.

A shows a belt, made of leather. B shows a plate of metal, as brass, zinc, steel, iron, tin, or galvanized iron or tin, made of the same length and width as the leather or other material employed, and riveted upon the face of the same by means of the rivets *c*.

The belt being thus constructed may be applied and used as ordinary belting is applied and used.

The advantages arising from the use of a belt thus constructed are, that the shrinkage and stretching of the leather or its substitute are obviated, the strain in the use of the belt being taken from the leather and brought upon the metal, and the belt is thus rendered more durable. Again, an inferior quality of leather can be employed in the manufacture of my belting. "Splits," as they are termed, may be used by cementing any number of them together; and small pieces of leather, hitherto thrown aside in the manufacture of ordinary belting, can be employed, thus cheapening the cost of the article produced.

The shrinkage of the leather-belting above alluded to, causes friction and wearing out of the journals and boxes upon the shafts over which they (the belts) run, which, by the use of my belting, is, in a great measure, prevented.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—
Forming machine-belting by combining leather with metal riveted thereto, as herein described.

Witnesses:

A. SIDNEY DOANE,

A. L. NICHOLS.

VINCENT FOUNTAIN, JR.