No. 763,171. PATENTED JUNE 21, 1904.

E. FICHEFET.

LINING FOR BEDS AND BANKS OF RIVERS OR THE LIKE.

APPLICATION FILED FEB. 13, 1904.

NO MODEL.

Fig. 1.

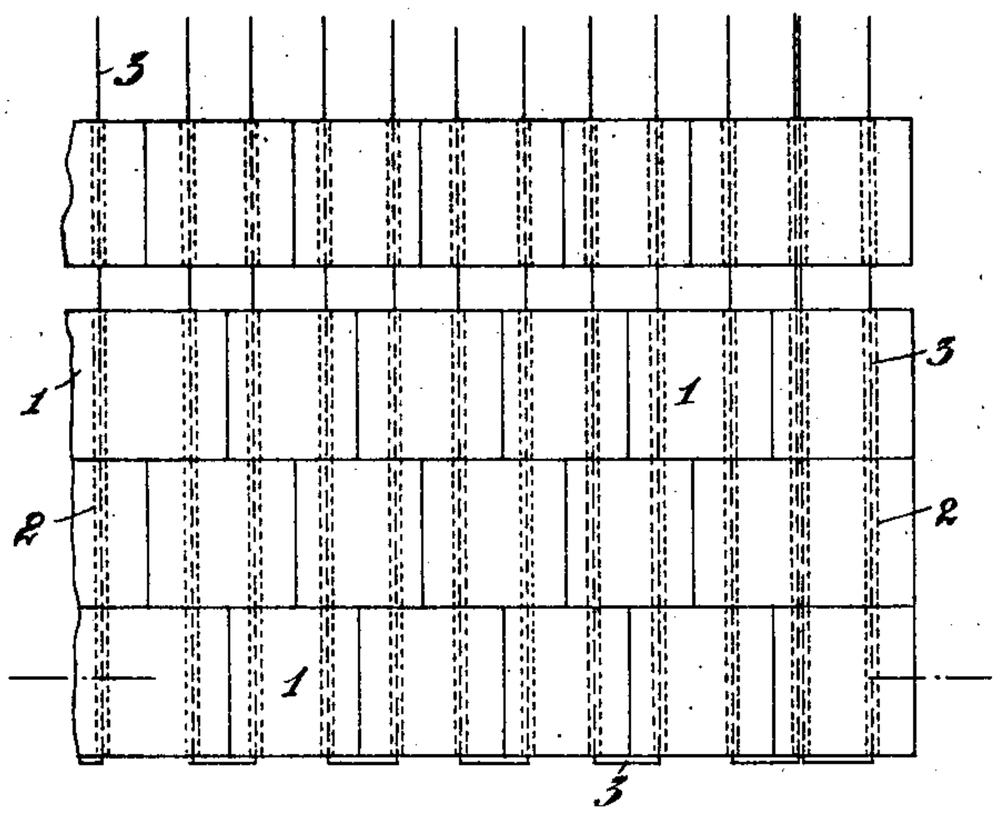


Fig. 2.

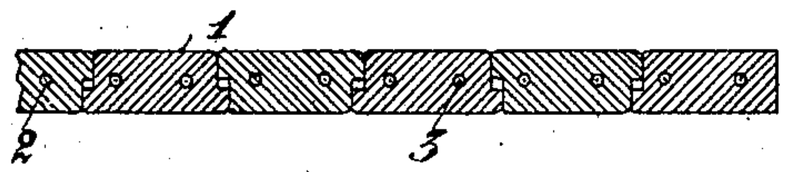
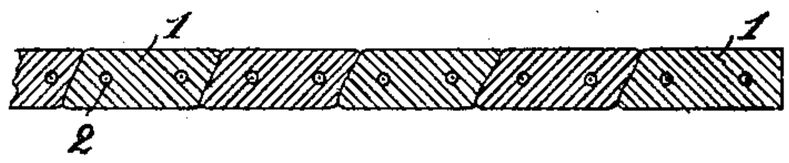


Fig. 3.



WITNESSES.

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No. 763,171. Patented June 21, 1904.

UNITED STATES PATENT OFFICE.

EUGENE FICHEFET, OF BRUSSELS, BELGIUM.

LINING FOR BEDS AND BANKS OF RIVERS OR THE LIKE.

SPECIFICATION forming part of Letters Patent No. 763,171, dated June 21, 1904.

Application filed February 13, 1904. Serial No. 193,398. (No model.)

To all whom it may concern:

Be it known that I, EUGENE FICHEFET, building engineer, a subject of the King of Belgium, residing at Brussels, Belgium, have invented a new and useful Improvement in Linings for Beds and Banks of Rivers or the Like; and I do hereby declare the following to be a full, clear, and exact description of the same.

The object of this invention is to provide linings for beds and banks of rivers and the like made of perforated stones or bricks connected together by means of wire passing through the same. In linings heretofore constructed for serving similar purposes the joinings of the different elements constitute straight continued lines in longitudinal and transversal ways, whereby wooden laths or similar devices are required between two consecutive horizontal rows of stones or bricks for the purpose of securing the different elements together.

According to the principle involved by this invention the different elements of the lining are securer by placing the same together in such manner that the horizontal joinings are on a straight continued line, while the vertical joinings are crossing. The different elements are, moreover, secured in place by having their contacting faces engaging each other, as will be more fully described and claimed hereinafter with reference to the accompanying drawings, in which—

Figure 1 is a partial elevation of a lining of this invention. Fig. 2 is a cross-section of the elements placed together. Fig. 3 is a similar view showing a modified construction.

The elements 1, provided with perforations 2, are connected together by means of wires 3 or similar suitable devices passing through said perforations 2. Any wire 3 passes alternately through a right-handed perforation in one element and through a left-hand perforation in the element of the line immediately above. It will be understood that arranged in this way the joinings of two successive lines are crossing and the elements of the lining are substantially connected together.

In order to have perfect joinings between the different elements, the corresponding faces of the same are provided with recesses and projections, as shown in Figs. 2 and 3, the purpose of which need not be more fully described.

I claim—

1. A lining for beds and banks of rivers, comprising suitable elements of stone or brick, longitudinal perforations in said elements and wires passed alternately through perforations on the right and left hand sides of the elements.

2. A lining for beds and banks of rivers comprising suitable elements of stones or brick, recesses and projections on the engaging faces of said elements, longitudinal perforations in the same, and wires passed alternately through perforations on the right and left hand sides of the elements, substantially as and for the purpose set forth.

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

EUGENE FICHEFET.

Witnesses:

JOSEPH MARKL,

GREGORY PHELAN.