

I. MOCK.  
Cement-Pavement.

No. 163,506.

Patented May 18, 1875.

Fig 1.

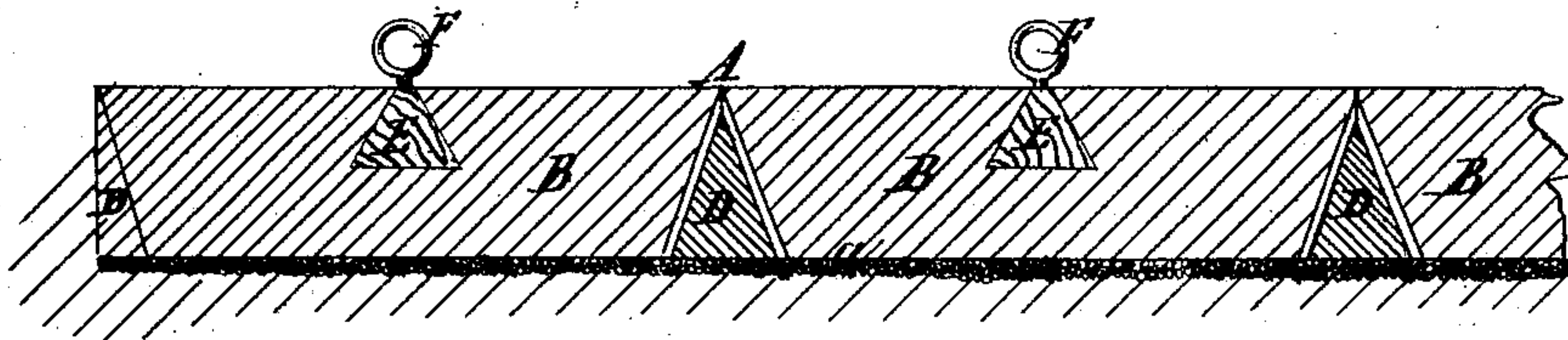
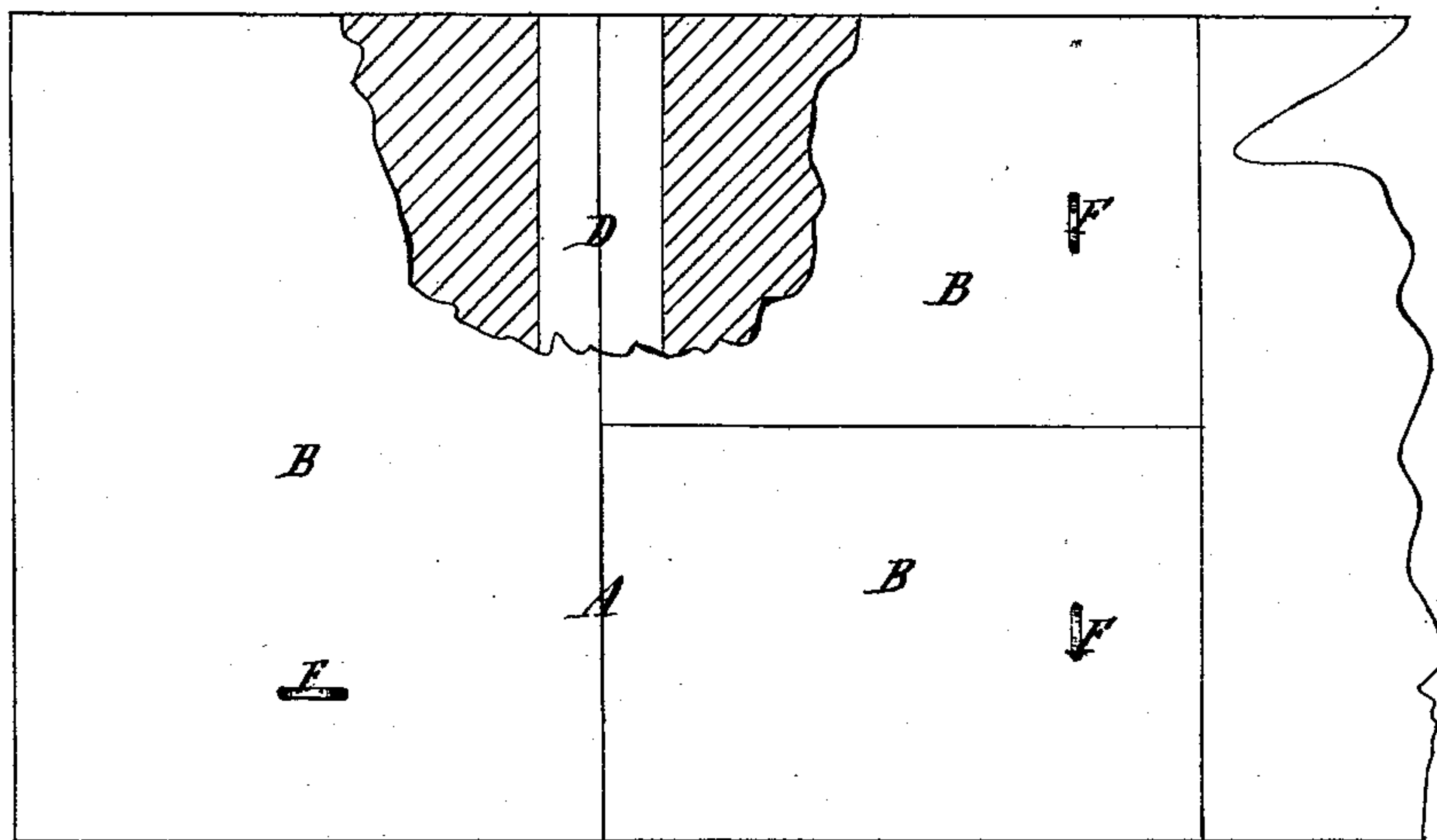


Fig. 2.



Witnesses.

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# UNITED STATES PATENT OFFICE.

ISIDOR MOCK, OF BROOKLYN, NEW YORK.

## IMPROVEMENT IN CEMENT PAVEMENTS.

Specification forming part of Letters Patent No. **163,506**, dated May 18, 1875; application filed April 9, 1875.

*To all whom it may concern:*

Be it known that I, ISIDOR MOCK, of Brooklyn, in the county of Kings and State of New York, have invented a certain new and useful Improvement in Cement Pavement, of which the following is a specification:

This invention is illustrated in the accompanying drawing, in which Figure 1 represents a transverse vertical section. Fig. 2 is a plan or top view, partly in section.

Similar letters indicate corresponding parts.

This invention relates to that class of cement-pavements which are made in sections, each section being formed directly on the ground on which the pavement is to be laid.

My invention consists in arranging, between the section of a cement pavement, strips of wood of triangular shape in cross-section, the sides of which are protected by paper or other suitable material, so that the cement will not adhere to the same, and each section can be lifted up without disturbing the adjoining sections.

Each section is provided with a beveled plug of wood, which is embedded in the cement, and which serves to receive an eye-bolt, for the purpose of raising the desired section with ease and convenience.

In the drawing, the letter A designates a cement pavement which is made in sections, each section B being formed directly on the ground. Before the cement is spread on the ground, however, I form on the ground a layer, C, of fine sand, dust, or other suitable material, such, for instance, as tar-paper, so that when the cement is spread thereon it will be prevented from adhering to the ground, and the injurious effect which would otherwise be produced by changes in the ground is avoided.

The sections B are formed, one after the other, directly on the sub-bed C, and, in forming the sections, I place against their sides beveled strips, D, of wood which are covered with tar-paper or other suitable material, so that the cement will not adhere to them. Said beveled strips, D, remain between the sections B, as seen in Fig. 1 of the drawing, and in each section is secured a pyramidal

plug, E, of wood, the surface of said plug being flush with or slightly beneath the surface of the section in which the same is secured. If one of the sections becomes injured and requires to be relaid, or if, from some other reason it is desirable to lift said section out, I secure in the plug E an eye-bolt, F, and the operation of lifting the section can be effected without trouble and without danger of injuring the adjoining sections.

The operation of lifting either of the sections is further facilitated by the beveled strips D interposed between the sections B and covered with tar-paper or other equivalent material, so that, in raising one of the sections, it is easily separated from the adjoining beveled strips and from the adjoining sections, and on account of the sub-bed C each section separates readily from the ground.

By these means a cement-pavement is obtained, which can be laid with great ease, which is superior in durability, and which, whenever it becomes necessary, can readily and cheaply be repaired.

I do not claim as my invention to lay a cement-pavement in detached sections, formed directly on the ground; neither do I claim the interposition of tar-paper or equivalent material between the sections thus formed, since those features have been already used for some time.

What I claim as new, and desire to secure by Letters Patent, is—

1. In combination with the sections of a cement pavement formed directly on the ground, the triangular-shaped wood parting-strips D, having on each side a layer of tar-paper or other material, substantially as and for the purpose specified.

2. The combination of the pyramidal plugs E, with the sections B, of a cement pavement, said plugs being molded into the cement, substantially as and for the purpose described.

In testimony that I claim the foregoing, I have hereunto set my hand and seal.

ISIDOR MOCK. [L. S.]

Witnesses:

W. HAUFF,

E. F. KASTENHUBER.