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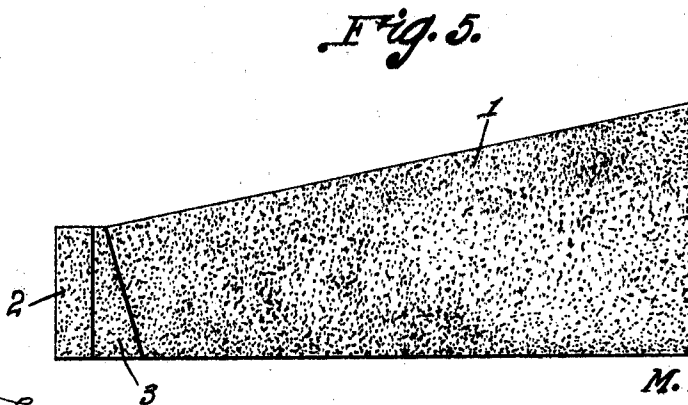
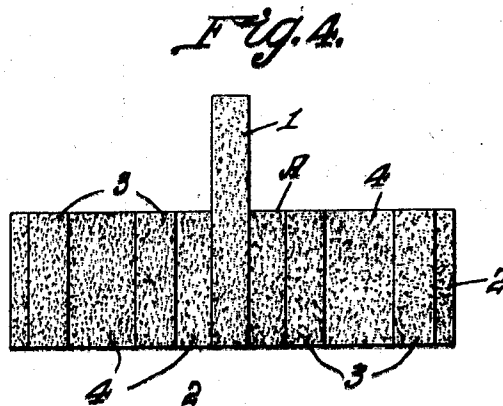
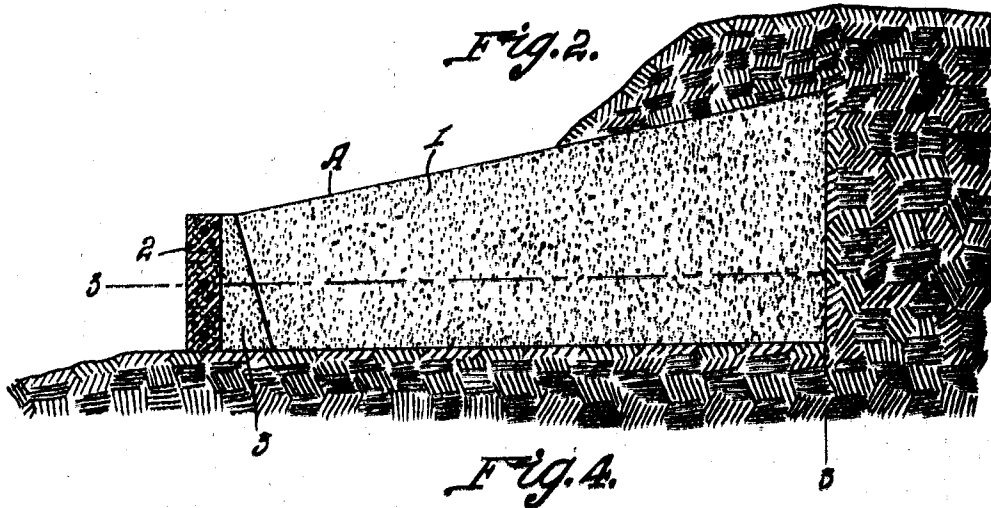
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H. MIMAKI ET AL

RETAINING WALL FOR EMBANKMENTS

Filed May 10, 1926

2 Sheets-Sheet 2



H. Mimaki
C. Andow
M. Mutaguchi
INVENTOR

BY Victor J. Evans
ATTORNEY

WITNESS:

UNITED STATES PATENT OFFICE.

HIRONOBU MIMAKI, CHUROKU ANDOW, AND MAGOSHIRO MUTAGUCHI, OF EL PASO, TEXAS.

RETAINING WALL FOR EMBANKMENTS.

Application filed May 10, 1926. Serial No. 108,153.

This invention relates to a retaining wall for banks, the general object of the invention being to prevent washing away of the bank by the water and to cause the water to deposit dirt and other matter between the walls so as to build up an embankment which will prevent overflow.

This invention also consists in certain other features of construction and in the combination and arrangement of the several parts, to be hereinafter fully described, illustrated in the accompanying drawings and specifically pointed out in the appended claim.

In describing our invention in detail, reference will be had to the accompanying drawings wherein like characters denote like or corresponding parts throughout the several views, and in which:—

Figure 1 is a view showing the invention in use upon a river bank.

Figure 2 is a section on line 2—2 of Figure 1.

Figure 3 is a section on line 3—3 of Figure 2.

Figure 4 is an end view of one of the walls.

Figure 5 is a side view thereof.

As shown in Figure 1 we build a plurality of structures A along the river bank where the same is being washed away. The structures are placed a suitable distance apart and each structure consists of an outwardly extending wall 1 and a transverse wall 2 which is connected with the outer end of the wall 1 at its center so that a structure of substantially T-shape is provided. The wall 1 slopes downwardly from its shore end and the wall 2 is provided with reinforcements 3. When a plurality of these structures are placed along a

bank they form spaces 4 into which dirt and other foreign matter will be deposited by the water so that an embankment will finally be built up which will prevent overflow of the river at this point and which will also prevent the water from washing away the bank. The structures are preferably formed of concrete reinforced with steel.

It is thought from the foregoing description that the advantages and novel features of our invention will be readily apparent.

We desire it to be understood that we may make changes in the construction and in the combination and arrangement of the several parts, provided that such changes fall within the scope of the appended claim.

What we claim is:—

A structure of the class described comprising a wall extending substantially parallel to a shore line, a second wall extending at right angles from the center of the first mentioned wall, the bottoms of the walls being in substantially the same plane, the top of the second wall however gradually increasing in height toward the shore, spaced reinforcements extending shoreward from the first mentioned wall and at right-angles thereto, said reinforcements being of the same heights as the first wall but having the shore edge inclined, thereby having the base of the reinforcement considerably heavier than the top.

In testimony whereof we affix our signatures.

HIRONOBU MIMAKI.
CHUROKU ANDOW.
MAGOSHIRO MUTAGUCHI.