

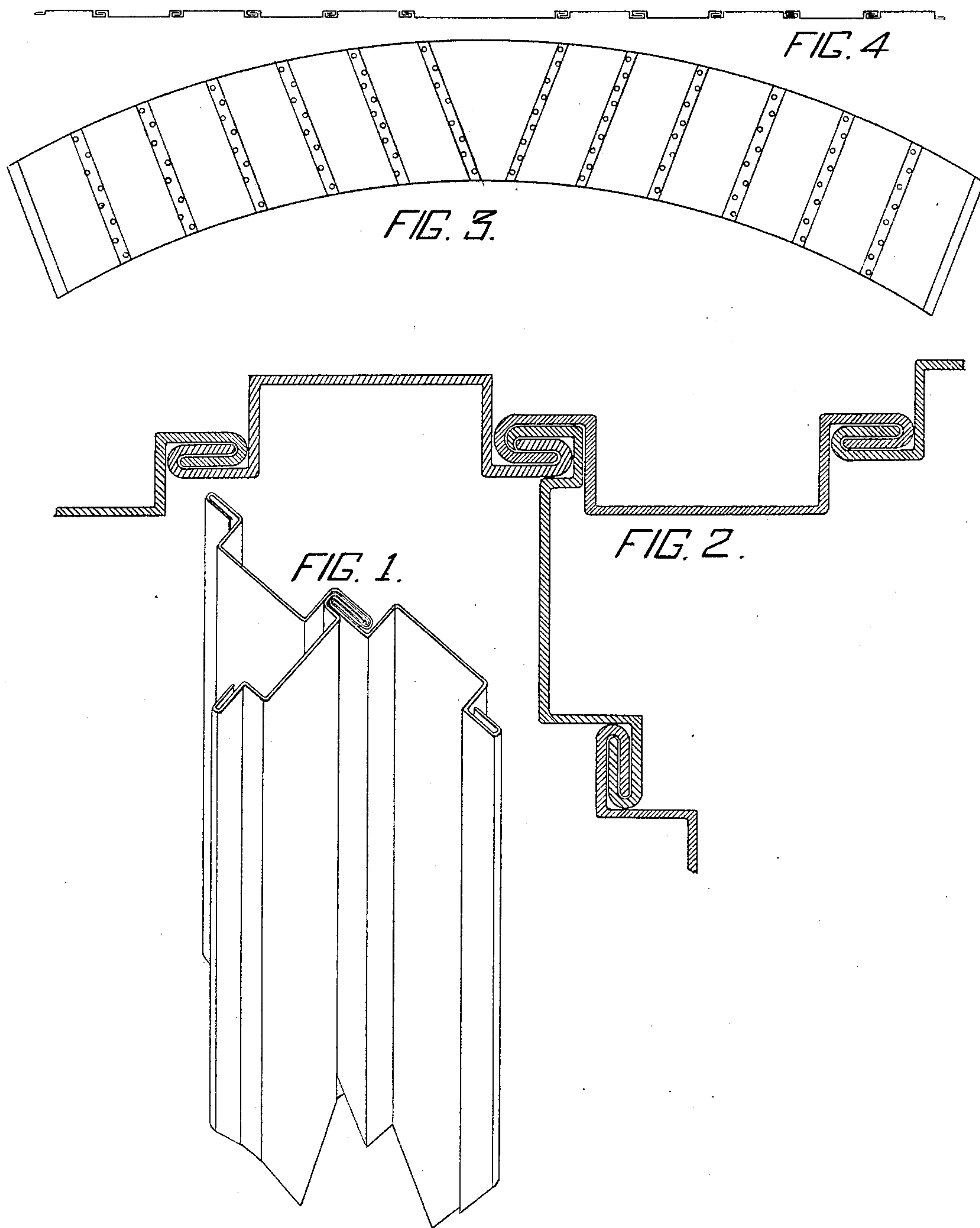
(No Model.)

H. C. HERRON.

SHEET IRON LOCK JOINT SPILE.

No. 325,172.

Patented Aug. 25, 1885.



WITNESS
Jesse H. McMath,
Thomas J. Carran

INVENTOR.
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UNITED STATES PATENT OFFICE.

HIROM C. HERRON, OF CLEVELAND, OHIO.

SHEET-IRON LOCK-JOINT SPILE.

SPECIFICATION forming part of Letters Patent No. 325,172, dated August 25, 1885.

Application filed March 16, 1885. (No model.)

To all whom it may concern:

Be it known that I, HIROM C. HERRON, a citizen of the United States, residing at Cleveland, in the county of Cuyahoga and State of Ohio, have invented a certain new and useful Sheet-Iron Lock-Joint Spile; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

First. Figure 1 of the drawings is an isometric perspective of three piles connected together, two in line and one at right angles, or nearly so, the first two with lock-joints that are so formed as to make a firm fastening together of the three spiles, and which may be continued to an indefinite length.

Second. Fig. 2 of the drawings shows a cross-section of the three spiles and form of lock-joints with their interlacing, which may be continued to an indefinite length.

Third. Fig. 3 of the drawings shows an arch

or span of the bridge or other structure fastened together with the lock-joints and riveted together through the joints with iron or steel rivets.

Fourth. Fig. 4 of the drawings shows a top view of the arch or span in Fig. 3 of bridge or other structure.

Fifth. The spiles are made of sheet iron or steel of any desired thickness, width, and length, and the lock-joints are made thereon with machinery specially constructed for that purpose.

I claim—

The lock-joints as applied to sheet-iron or sheet-steel spiles, as shown by the metal parts in the drawings referred to, for the purpose of constructing breakwaters, cribs, cofferdams, and all other structures for controlling water or earth, sand, gravel, and rock, or both, or all of them.

In testimony whereof I affix my signature in presence of two witnesses.

HIROM C. HERRON.

Witnesses:

JESSE H. McMATH,
THOMAS J. CARRAN.