

No. 716,837.

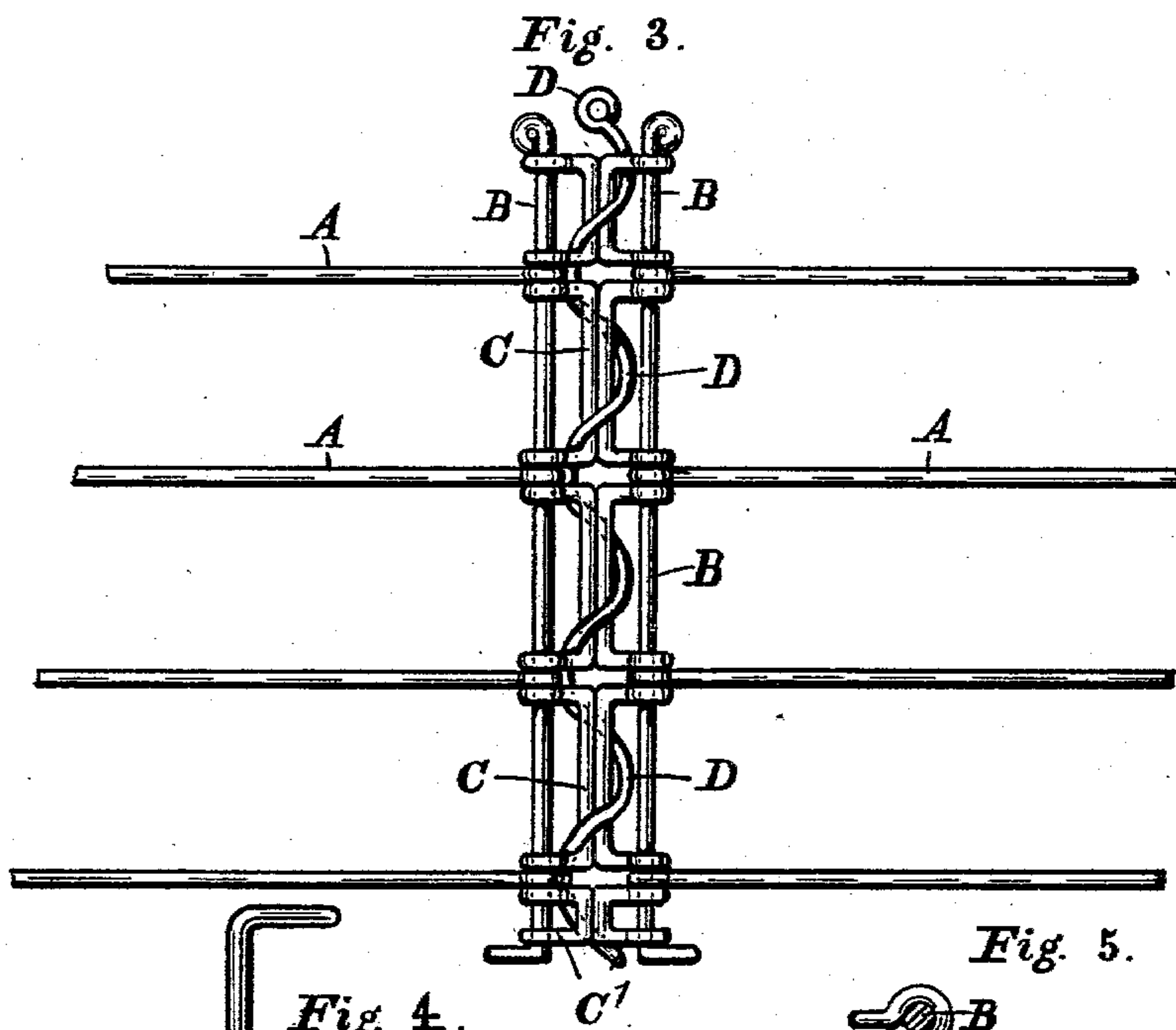
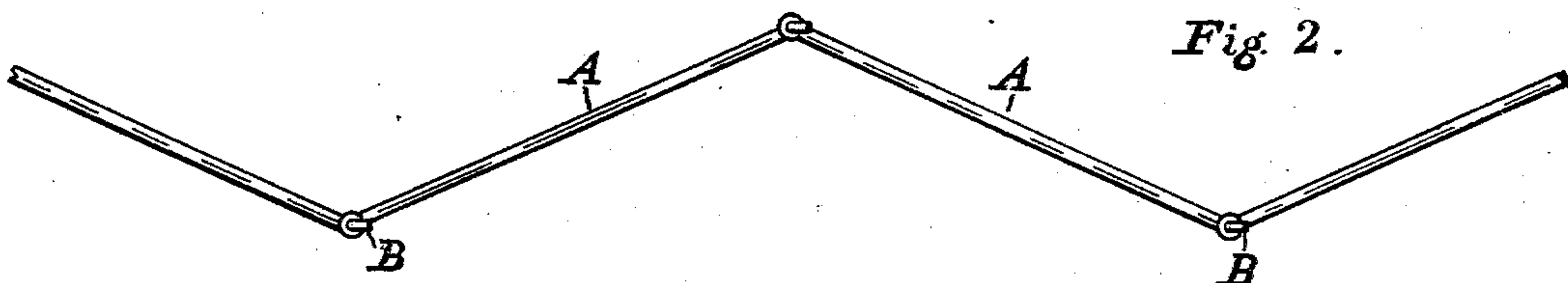
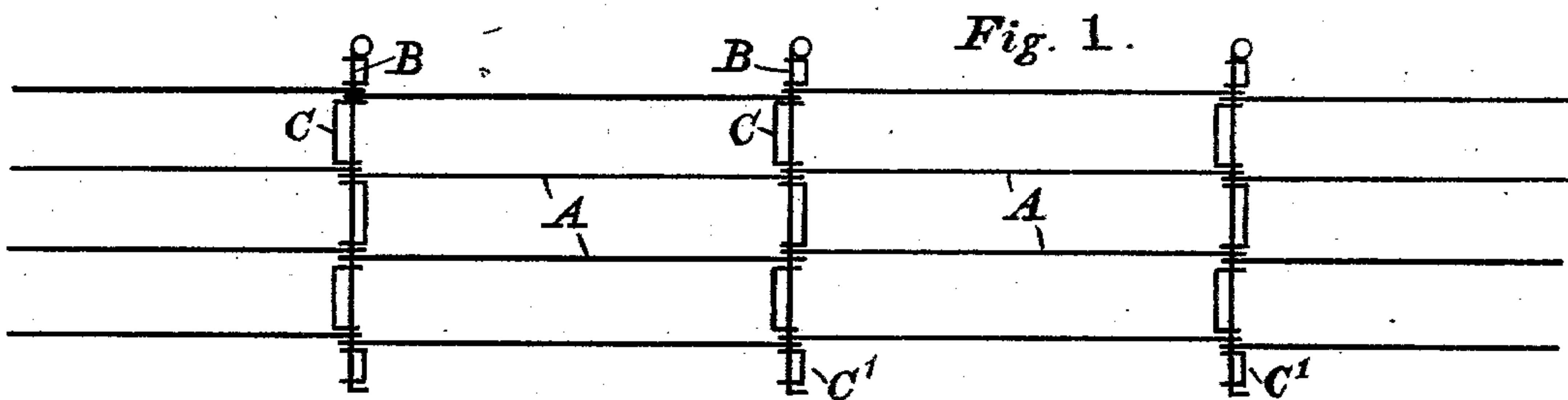
Patented Dec. 23, 1902.

A. C. GORDON.

WIRE FENCE.

(Application filed Sept. 26, 1902.)

(No Model.)



WITNESSES:

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UNITED STATES PATENT OFFICE.

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WIRE FENCE.

SPECIFICATION forming part of Letters Patent No. 716,837, dated December 23, 1902.

Application filed September 26, 1902. Serial No. 124,890. (No model.)

To all whom it may concern:

Be it known that I, ANGUS C. GORDON, a citizen of the United States, residing at Rochester, in the county of Monroe, in the State of New York, have invented an Improved Wire Fence, of which the following is a specification, reference being had to the accompanying drawings.

My invention relates to improvements in wire fences in which the vertical posts are made of wire and the ends of the horizontal wires are bent around them, the horizontal wires being held in their proper relative positions by the wire struts or elongated wire washers; and the objects of my improvements are, first, to provide a fence that is cheap, being made entirely of wire; second, to build a fence that may be easily set up and taken down, and, third, to do away with the necessity of digging holes for the vertical posts.

My improvements are fully described and illustrated in the following specification and the accompanying drawings, the novel features thereof being specified in the claims annexed to the said specification.

In the accompanying drawings, Figure 1 is a side elevation. Fig. 2 is a plan view. Fig. 3 is an enlarged side elevation showing the means of fastening the ends of the fence to each other. Fig. 4 is a side view of the strut detached. Fig. 5 is an end view of the same.

The ends of the horizontal wires A are formed into eyes, which engage on the vertical wires or posts B and are held in their proper relative positions by the elongated wire washers or struts C.

My improved fence may be placed in position without the use of posts set in the ground by locating the posts B in an irregular line, as shown in Fig. 2. The fence may also be set up in the ordinary manner by attaching it to posts of wood or other suitable material fixed in the ground. In practice, as a result of the rigidity peculiar to this construction, it is not necessary to employ as many posts as in other fences.

Where it is desired to make a gate through my improved fence, it may be easily accom-

plished by placing a post of wood or other suitable material in the ground and stapling or otherwise attaching to it the posts or the washers C, allowing one or more sections to swing, as desired. The struts or washers are formed by bending offset eyes in the ends of a piece of wire of the required length. They may also be made of band-iron, bent at the ends, and drilled to fit on the posts B. It is preferred, however, to use the same size of wire for all the three pieces comprising my improved fence. The ends of the posts are provided with eyes or bent over to secure the horizontal wires and washers in place. Shorter washers C', Fig. 3, may be employed below the lowest wire to keep it the proper distance from the ground.

In joining the ends of the fence, so as to inclose any desired space without removing one of the posts, I employ a spiral wire D, which is inserted with a twisting motion through the washers C, as shown in Fig. 3, securing the ends of the fence together.

When set up as in Fig. 2, my improved fence supports itself, in which form it is portable and well adapted for temporary inclosures. For more permanent structures the posts B may be elongated and extend into the ground or be fastened to wooden blocks inserted therein, or wooden posts may be erected at suitable distances apart, to which the uprights B are stapled or otherwise attached.

I claim—

1. The combination with the posts of two or more horizontal wires having eyes at their ends, and the bent struts, provided with openings fitting the posts, and adapted to keep the horizontal wires at a suitable distance apart, as and for the purposes set forth.

2. The combination with the posts of two or more horizontal wires having eyes at their ends, and the bent wire struts provided with eyes fitting the posts and interposed between the horizontal wires, as and for the purposes set forth.

3. The herein-described wire fence, consisting of the three members, the posts, the

horizontal eyed wires, and the bent eyed struts, all the members being formed of wire, as and for the purposes set forth.

4. The combination with a series of posts,
5 of the horizontal wires having eyes at their ends, the bent struts fitting the posts and arranged to suitably separate the wires, and the fastening device for the adjacent ends of

such wire-fence structure, consisting of the spirally-bent wire, engaged with the struts of the adjacent posts, as and for the purposes set forth.

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Witnesses:

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