

No. 776,786.

PATENTED DEC. 6, 1904.

G. D. LEGGETT.  
PLATE OR PAN LIFTER.  
APPLICATION FILED MAY 27, 1904.

NO MODEL.

FIG. I.

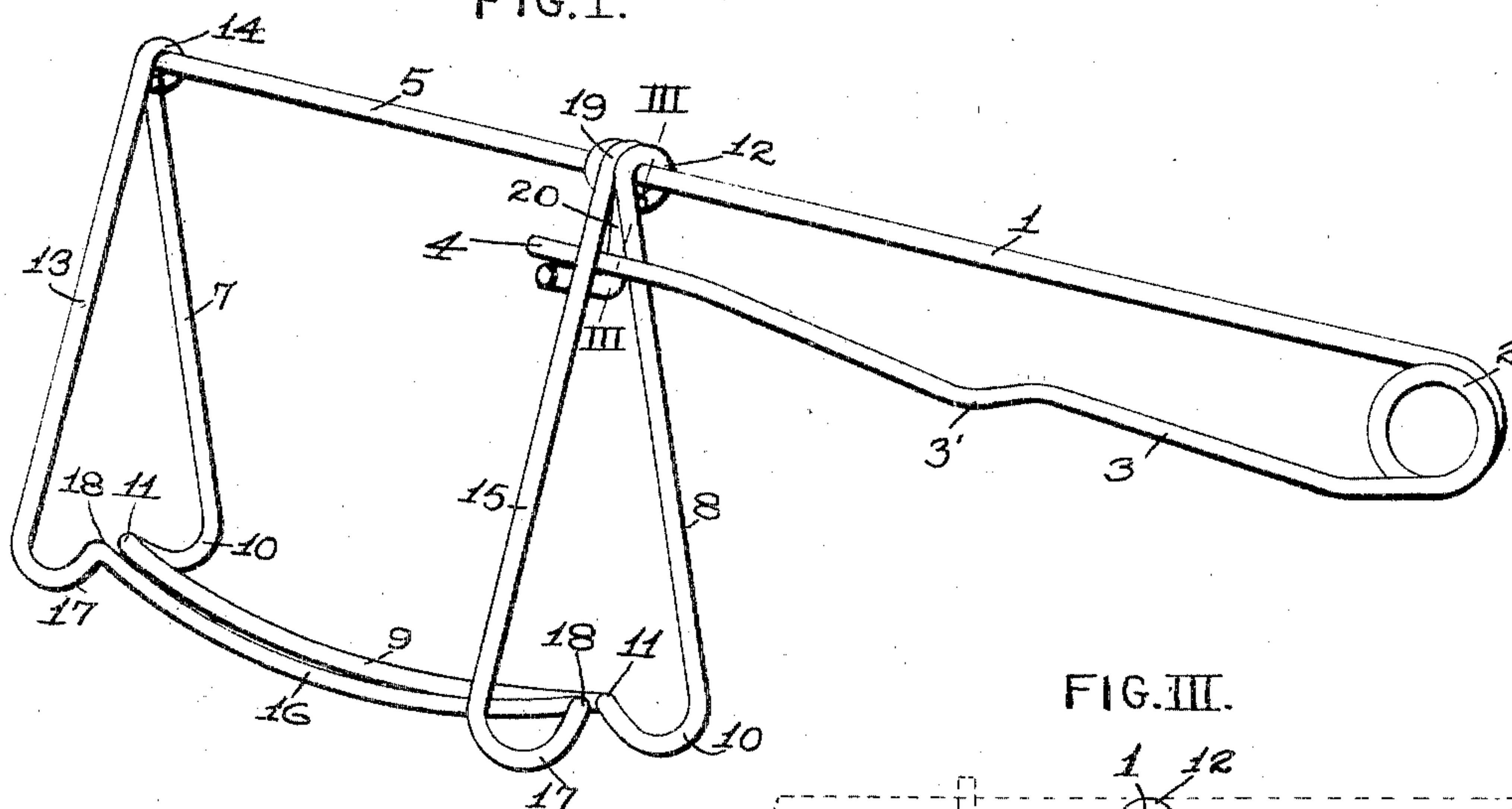


FIG. III.

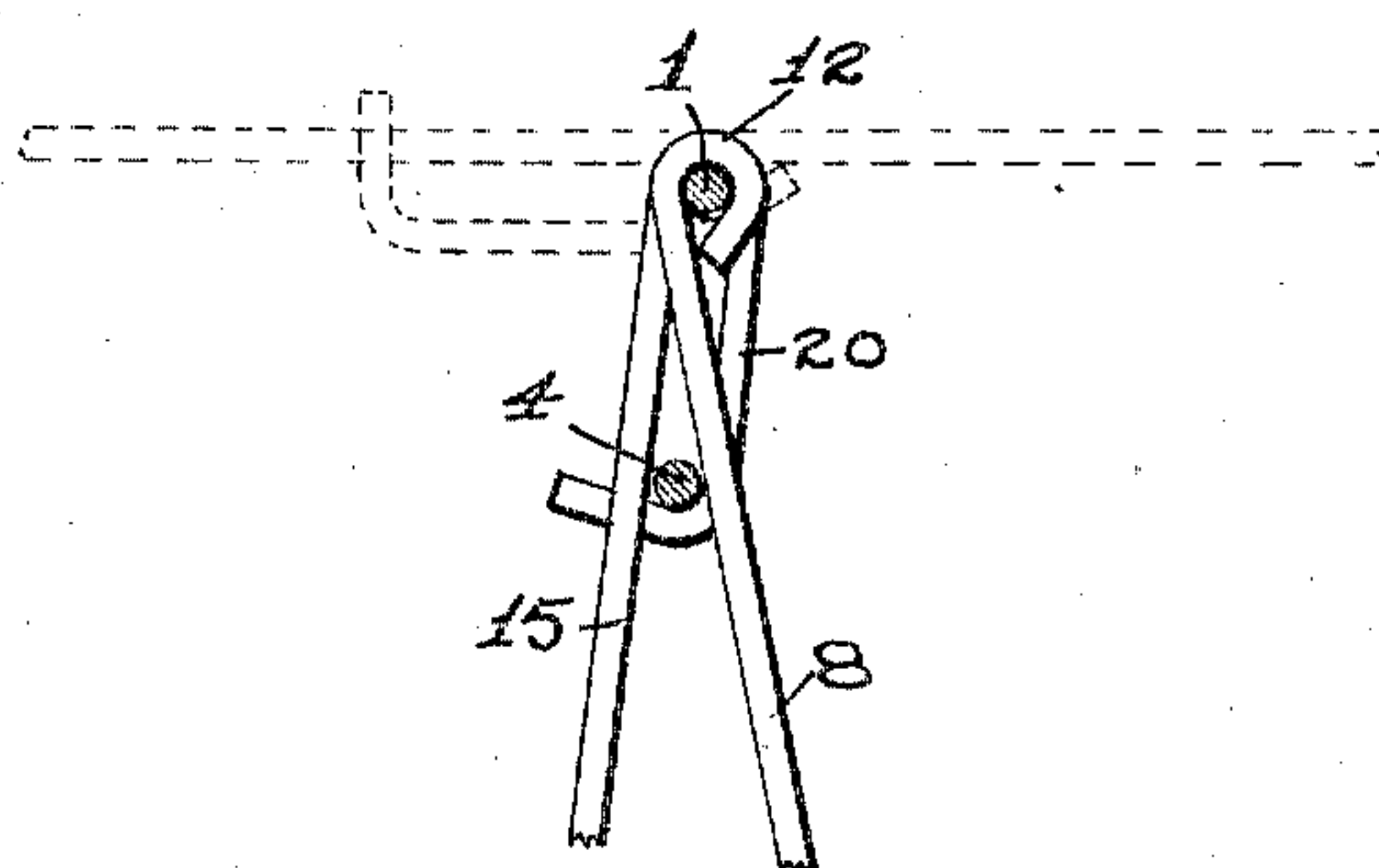


FIG. II.

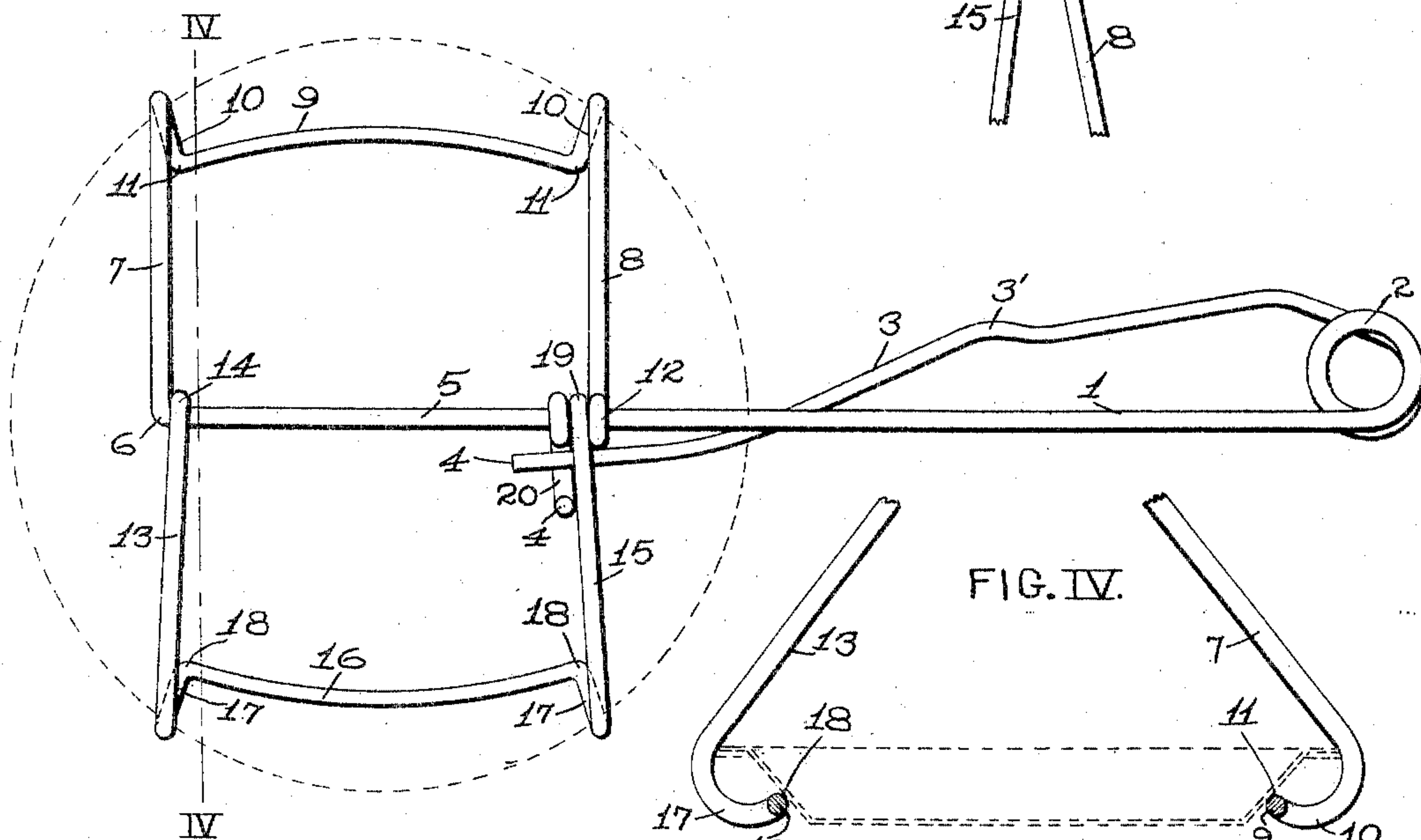
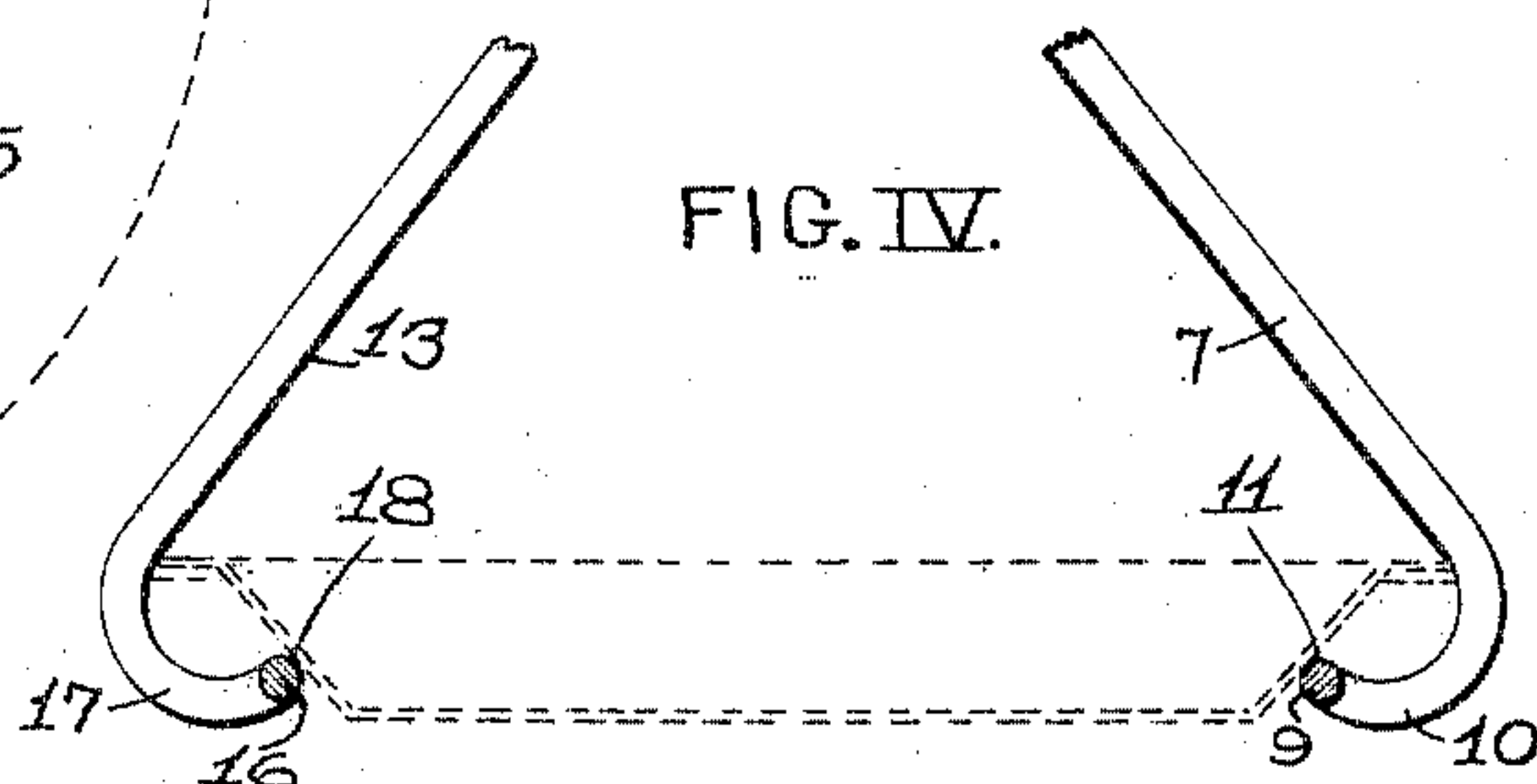


FIG. IV.



ATTEST.

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# UNITED STATES PATENT OFFICE.

GEORGE D. LEGGETT, OF CARTHAGE, MISSOURI.

## PLATE OR PAN LIFTER.

SPECIFICATION forming part of Letters Patent No. 776,786, dated December 6, 1904.

Application filed May 27, 1904. Serial No. 210,011. (No model.)

*To all whom it may concern:*

Be it known that I, GEORGE D. LEGGETT, a citizen of the United States, residing in Carthage, in the county of Jasper and State of Missouri, have invented certain new and useful Improvements in Plate or Pan Lifters, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification.

My invention relates to a lifter for handling plates or pans, the device being more particularly intended for use in removing hot pie-pans from a stove-oven.

Figure I is a perspective view of my lifter in closed condition. Fig. II is a top or plan view of the lifter in the open condition assumed when in engagement with a plate or pan. Fig. III is a cross-section taken on line III III, Fig. I. Fig. IV is a cross-section taken through the loops of the lifter on line IV IV, Fig. II.

My plate or pan lifter is formed of two pieces of wire, one of which is bent and coiled to produce a handle provided with a spring-arm and a loop carried by the shank of said handle and the other of which is bent to form a loop swingingly mounted on said handle-shank in opposition to the first loop and a confining-arm within which the spring-finger of the handle is positioned.

1 designates the handle portion of the first wire, that terminates in a coil-spring 2, the wire being continued from said coil in the form of a finger 3, that extends approximately parallel with the handle portion 1. The finger 3 terminates in a free end 4. From the handle portion 1 the wire is continued to form a shank 5, that is bent at 6 at a right angle to said shank to produce a loop consisting of arms 7 and 8 and a curved cross portion 9, the said cross portion being located in an offset position with relation to the loop-arms, due to curving the wire at points 10 and 11. The loop-arm 8 extends from the cross portion 9 to the shank 5 and is connected to said shank portion by an eye 12. The second wire from which the remainder of the lifter is constructed is bent into a loop comprising an arm 13, that terminates at one end in an eye 14, loosely fitted to the shank portion 5, and an arm

15, between which and said arm 13 is a curved cross portion 16, that extends toward the cross portion 9, due to curving of the loop at points 17 and 18. The end of the loop-arm 15 that extends away from the cross portion 16 is formed into a coil 19, which encircles the shank 5. The wire extends from the coil 19 in a direction first approximately parallel with the loop-arm 15 and then transversely across said loop-arm to form an angle finger-confining arm 20, within which the free end of the spring-finger 3 is held on one side and on the other side by said arm, as seen most clearly in Figs. I and III.

It will be seen that when the handle 1 and finger-arm 3 are grasped in a person's hand the finger-arm may be thrown toward the handle, and its free end will ride against the loop-arm 15 to throw said loop-arm swingingly away from the opposing loop forming a part of the handle and shank of the lifter, during which action the remainder of the first-named loop moves with said arm, so that the two loops are moved into spread condition, as seen in Figs. II and IV. A plate or pan may then be engaged between the spread loops, and when pressure is relieved or slightly relieved from the spring finger-arm 3 said arm will tend to move away from the handle and shank portions 1 and 5, due to the action of the spring in the coil 2, and the free end of the spring-finger by riding against the finger-confining arm 20 will carry the swinging loop of the lifter toward the plate or pan engaged by the loops, with the result of causing the two loops to firmly grip the pan or plate, so that it may be lifted and carried.

The finger-arm 3 is preferably provided with a kink 3', against which one of the fingers of the hand of a person using the lifter may rest for convenience when pressure is exerted against said arm.

I claim as my invention—

1. A plate or pan lifter comprising a shank, a loop integral with said shank, a second loop swingingly connected to said shank and having its points of connection adjacent to the apices of said first-mentioned loop, and a spring-finger integral with said shank and inserted between and engaging both of said

loops, said finger being adapted to be pressed toward the adjacent apices of the loops to impart swinging movement to said second loop, substantially as set forth.

- 5 2. A plate or pan lifter comprising a shank, a loop integral with said shank, a second loop swingingly connected to said shank and having its points of connection adjacent to the apices of said first-mentioned loop, and a  
10 spring-finger integral with said shank and inserted between and engaging both of said

loops, said finger being adapted to be pressed toward the adjacent apices of the loops, to impart swinging movement to said second loop, and said second loop having one of its ends 15 bent into an angle-arm for limiting the movement of the spring-finger between the loops, substantially as set forth.

GEORGE D. LEGGETT.

In presence of—

ROBT. T. STICKNEY,  
F. E. HARRISON.