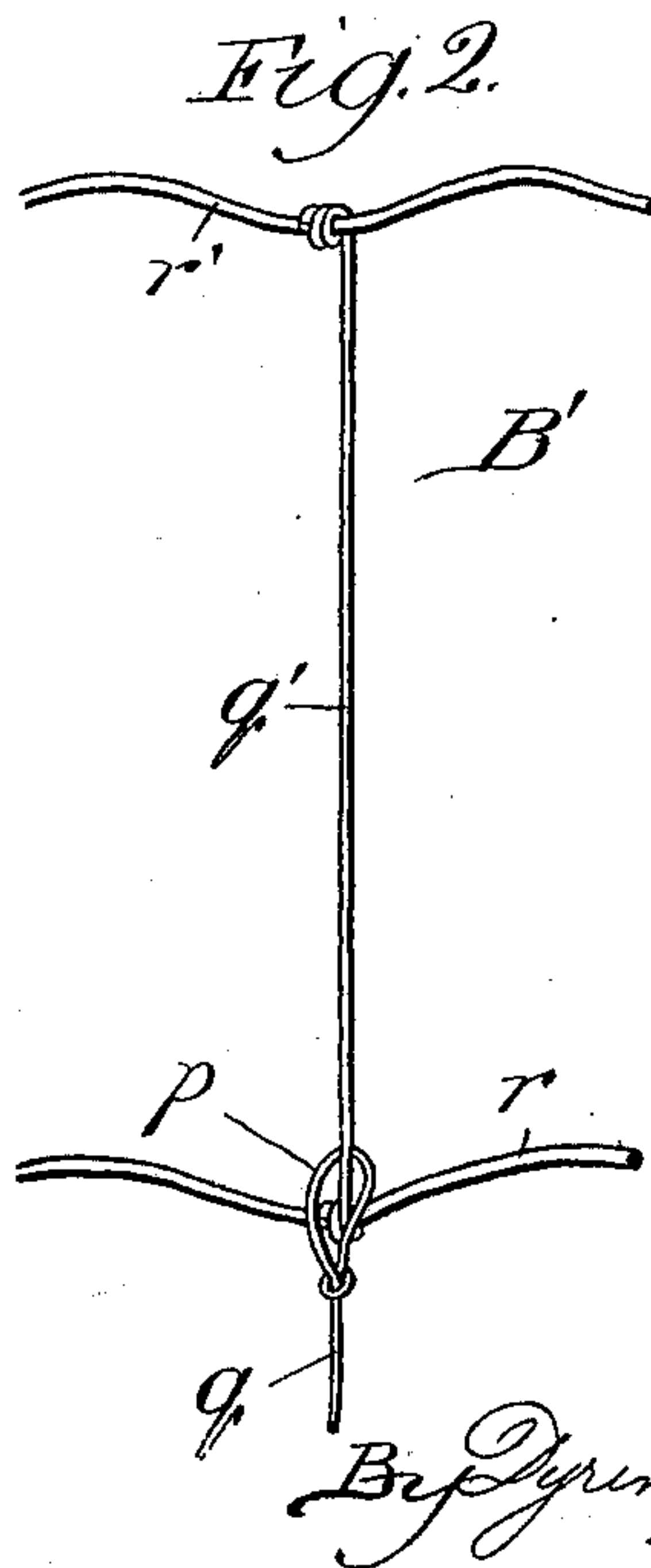
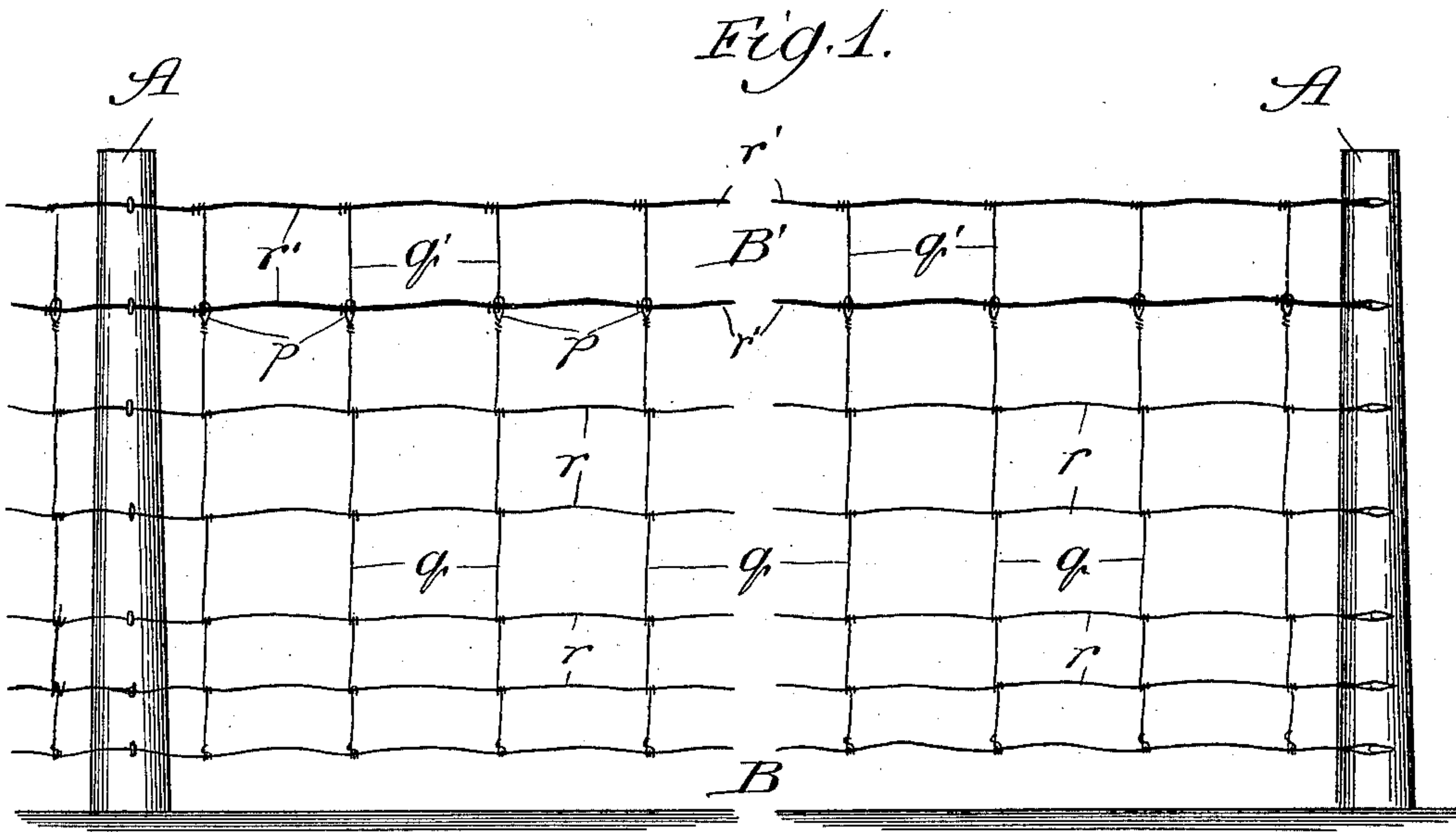


(No Model.)

C. M. LAMB.  
WIRE FENCE.

No. 596,711.

Patented Jan. 4, 1898.



Witnesses,  
Edw. E. Gaylord,  
Lester S. Allen

Inventor:  
Charles M. Lamb,  
By Dyrenforth & Dyrenforth,  
Attorneys

# UNITED STATES PATENT OFFICE.

CHARLES M. LAMB, OF ADRIAN, MICHIGAN, ASSIGNOR TO THE PAGE WOVEN WIRE FENCE COMPANY, OF SAME PLACE.

## WIRE FENCE.

SPECIFICATION forming part of Letters Patent No. 596,711, dated January 4, 1898.

Application filed October 29, 1897. Serial No. 656,767. (No model.)

*To all whom it may concern:*

Be it known that I, CHARLES M. LAMB, a citizen of the United States, residing at Adrian, in the county of Lenawee and State of Michigan, have invented a new and useful Improvement in Wire Fences, of which the following is a specification.

My invention relates to an improvement in the class of woven-wire fence of the variety involving a series of horizontal or longitudinal wires tied together at intervals by a series of vertical or cross wires.

In the use of wire fence of the character referred to, in which sections of the fence are stretched between and fastened to posts or the like, much difficulty is encountered in the maintenance of the normal condition of the upper portion or top horizontal wire by reason of people climbing over the fence, and more particularly of stock craning their necks over it into the adjacent field to eat therefrom. Either of these actions strains the top wire under the consequent weight to which it is subjected, thereby tending to sag it and to buckle the cross-wires, which are provided to stay it. My object is to provide an improved construction of the top section of the fence, whereby it shall be adapted to yield independently of the part below it, and thus obviate the difficulty referred to.

The particular construction of wire fence to which I have applied my improvement and for use with which I have more especially devised it (though not intending that it shall be limited thereto) is that forming the product of the machine for which Letters Patent of the United States No. 414,844 were granted jointly to J. W. Page and myself, November 12, 1889, and of the machine for which Letters Patent of the United States No. 534,893 were granted to me February 26, 1895.

Referring to the accompanying drawings, Figure 1 shows my improvement embodied in a woven-wire fence, represented by a broken view in front elevation; and Fig. 2 is an enlarged perspective view of a section of the fence.

A A are posts, though other supports may

be used, between which is stretched a section of woven-wire fence B, that shown involving a series of horizontal sinuous wires *r* at suitable distances apart, tied together at intervals by cross-wires *q*.

B' is the top section of the fence, shown as involving the two wires *r' r'*, like the wires *r*, but heavier or thicker, fastened at their ends to the posts and as connected together at intervals by the stay-wires *q'*, which are also somewhat heavier than the wires *q* to insure them against buckling.

The upper ends of the stay-wires *q* are provided with loops *p*, at which they loosely surround the wires *q'* coinciding with them. Obviously, however, the loops might, without departure from my invention, be provided on the lower ends of the stay-wires *q'*. Thus a weight, such as that of a person climbing the fence or of an animal stretching its neck over the same, will depress the top section B' between the posts A and slide it downward upon the wires *q'* through the loops *p* without disturbing or in any way injuriously affecting the portion of the fence below the upper section thereof, which latter, owing to its resilient quality, will immediately resume its normal condition when relieved of the weight upon it.

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

In a wire fence comprising horizontal wires and cross-wires connected together at their intersections, the combination with the lower portion of a top section B' comprising wires *r' r'*, heavier than the corresponding wires of the lower portion, and single stay-wires *q'*, heavier than the corresponding wires *q* of said lower portion, rigidly connecting said wires *r'* at intervals and having looped connections at their lower ends with said cross-wires *q*, substantially as and for the purpose set forth.

CHARLES M. LAMB.

In presence of—

ROBT. DARNTON,  
INA S. HAMILTON.