

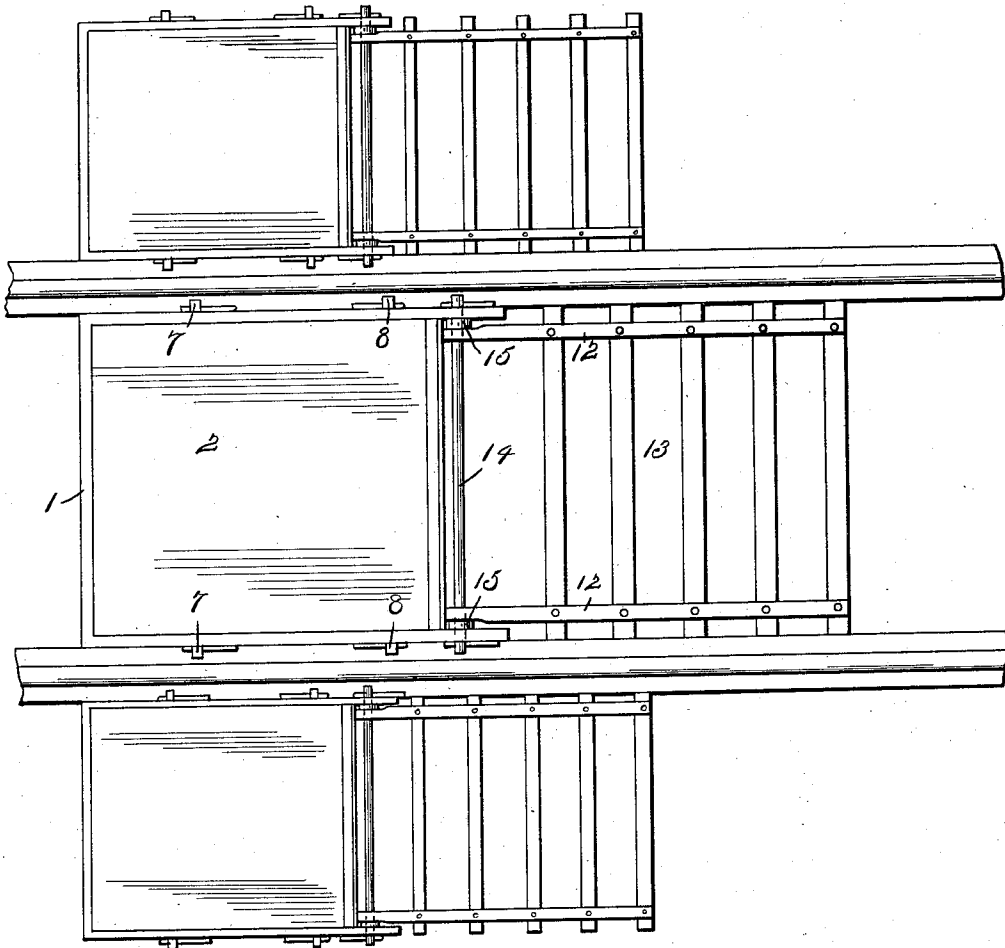
E. C. FEASTER.
CATTLE GUARD.
APPLICATION FILED JUNE 17, 1911.

1,028,457.

Patented June 4, 1912.

2 SHEETS—SHEET 1.

Fig. 1.



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Witnesses

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Wm. J. North

By Victor J. Evans

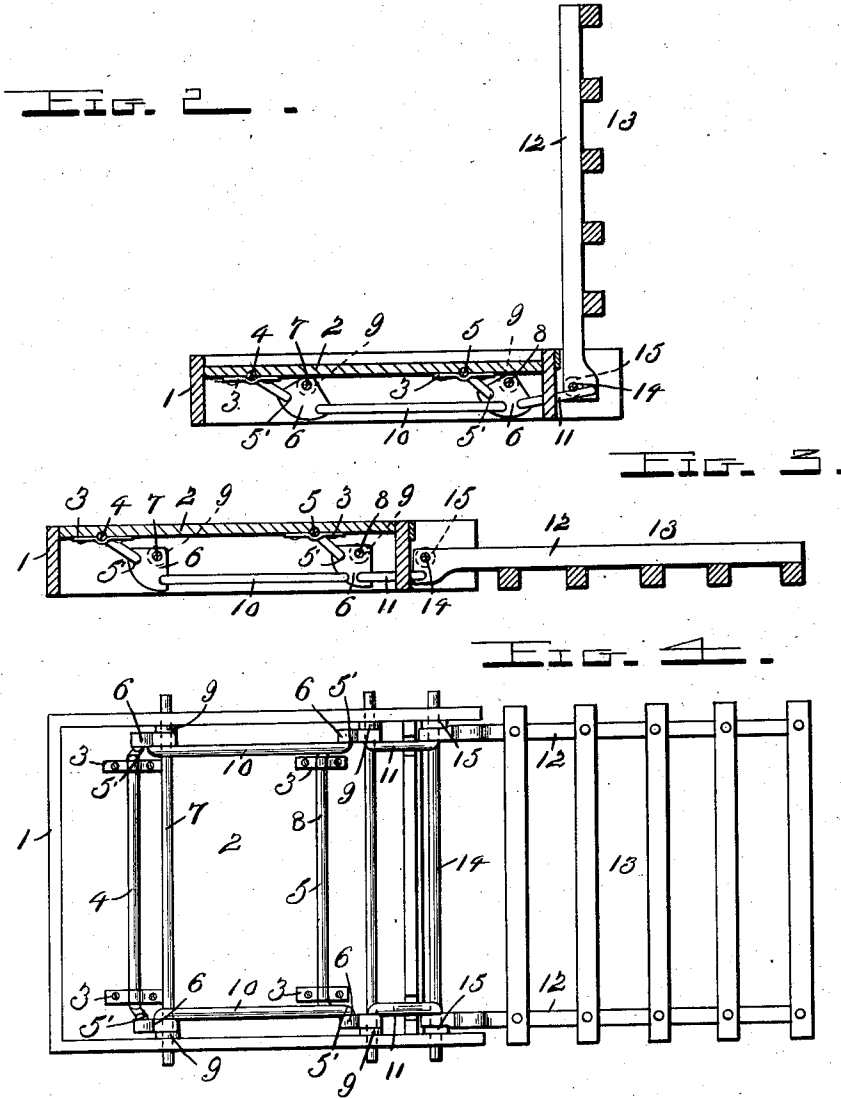
Attorney

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UNITED STATES PATENT OFFICE.

EARL C. FEASTER, OF SKEDEE, OKLAHOMA.

CATTLE-GUARD.

1,028,457.

Specification of Letters Patent.

Patented June 4, 1912.

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To all whom it may concern:

Be it known that I, EARL C. FEASTER, a citizen of the United States, residing at Skedee, in the county of Pawnee and State of Oklahoma, have invented new and useful Improvements in Cattle-Guards, of which the following is a specification:

This invention relates to improvements in cattle guards, the primary object being to provide a device of this character which is simple, which may be cheaply manufactured and which may be readily positioned between or adjacent railway rails.

The invention consists of certain novel constructions, combinations and arrangement of parts, all of which will be hereinafter more fully described and claimed.

In the accompanying drawings, forming part of this specification, Figure 1 represents a top plan view of a section of track with the improved gate applied thereto. Fig. 2 is a central longitudinal sectional view through the same. Fig. 3 is a similar view but showing the gate open. Fig. 4 is a bottom plan view of the improvement removed from the tracks.

As illustrated in Fig. 1 of the drawings, it will be noted that one of the gates is arranged between the railroad tracks while smaller gates are positioned adjacent the outer sides of the said tracks. The details of construction of all of the gates are similar, so reference characters referring to one may be understood as applicable to the remaining gates.

The improvement contemplates, primarily, a substantially rectangular box or casing designated by the numeral 1. This casing is provided with a platform 2, the said platform having its under face provided with spaced registering bearings 3, the said bearings receiving the transversely arranged shafts 4 and 5. Each of these shafts have their ends, beyond the said bearings 3, bent at an angle and have their extremities also bent as at 5' in a plane substantially parallel with what may be termed the bodies of the said shafts or those portions which are mounted within the bearings 3. The extensions 5' are received within suitable openings provided by segmental members 6, the said members 6 being mounted for rotation upon the frame 1 through the medium of transversely extending rods 7 and 8. The rods may be, and preferably are, removably connected with the said casing, and the said

rods are provided with collars 9 which are arranged between the segmental members and the sides of the casing, so as to prevent the said segments from contacting with the said casing. The oppositely arranged pairs of the segments are connected together through the medium of pivoted bars 10 and the segments adjacent one end of the casing are further provided with pivoted links 11, the said links having their extremities mounted in suitable bearings provided upon the ends of longitudinally extending members 12 of the gate 13. The members 12, directly above their connection with links 11 are formed with suitable openings, the same adapted to receive a transversely arranged axle 14, and the said axle passes through suitable openings provided in the sides of the rectangular casing 1, and adjacent one of the ends of the said casing. This axle 14 is provided with collars 15, the said collars facing the longitudinal members 12 of the gate away from the sides of the casing, and the gate 13 is of a weight sufficient to normally sustain the platform 2 in a plane parallel with the upper edge of the rectangular casing 1. The gate 13, however, is susceptible to an upward movement upon its axle 14 when the slightest pressure is exerted upon the platform 3, so it will be obvious that an animal attempting to cross the track will, upon contacting the platform, raise the gate, and thus prevent the said animal passing down the track. Immediately when the weight of the animal is removed from the platform, the gate descends by gravity to its normal position.

Having thus described the invention, what I claim is:

1. A cattle guard including a substantially rectangular frame, segmental members arranged in pairs and pivoted adjacent the longitudinal sides of the frame, bars connecting each of the segmental members upon each side of the frame, a platform positioned within the frame to be guided thereby and arranged above the segmental members, angular shafts mounted in bearings upon the platform and connected with the segmental members, a pivoted gate upon the frame, and links connected with the segments nearest the said gate and secured to the gate below its pivot.

2. In a cattle guard, a substantially rectangular frame having its longitudinal sides projecting beyond one of its transverse con-

necting ends, a platform within the frame
and guided thereby, shafts journaled in
bearings provided upon the under face of
the platform, said shafts having angular
5 ends, a pair of rods arranged transversely
of the frame and mounted in bearings in the
side of the frame below the platform, seg-
mental members upon the shafts adjacent
the longitudinal sides of the platform, said
10 segmental members being provided with
openings adapted to serve as bearings for
the offset ends of the shafts, a pivoted bar
connecting each pair of the segmental mem-
bers upon each of the sides of the frame, an

axle mounted in bearings in the projecting 15
sides of the frame, a gate connected with
the axle, said gate being provided with a
depending portion arranged below the axle,
and links connected with the said depending
portion and with the segmental members 20
adjacent the gate, substantially as and for
the purpose set forth.

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

EARL C. FEASTER.

Witnesses:

J. E. NEWELL,

G. A. EBERLE.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents,
Washington, D. C."