

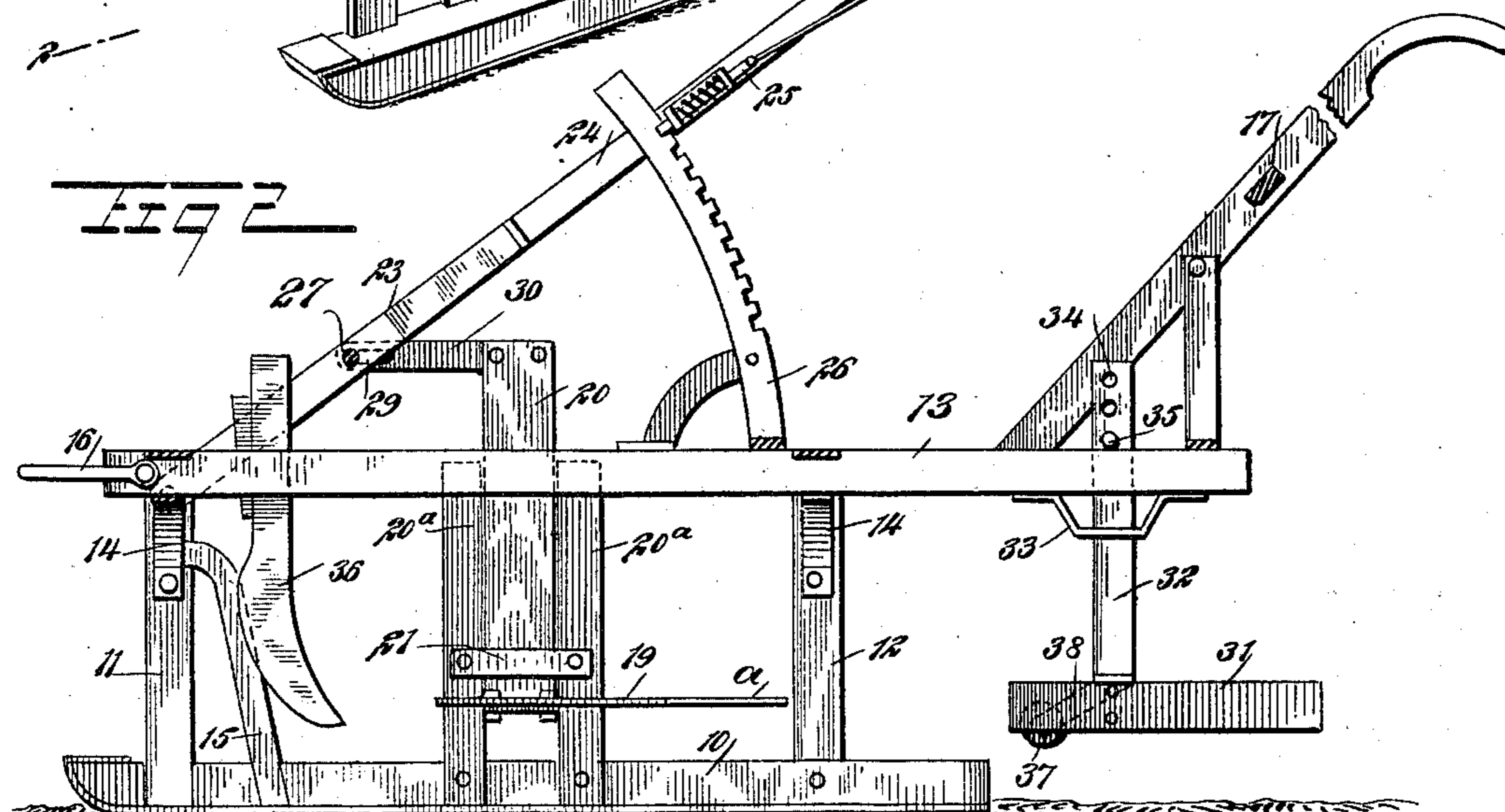
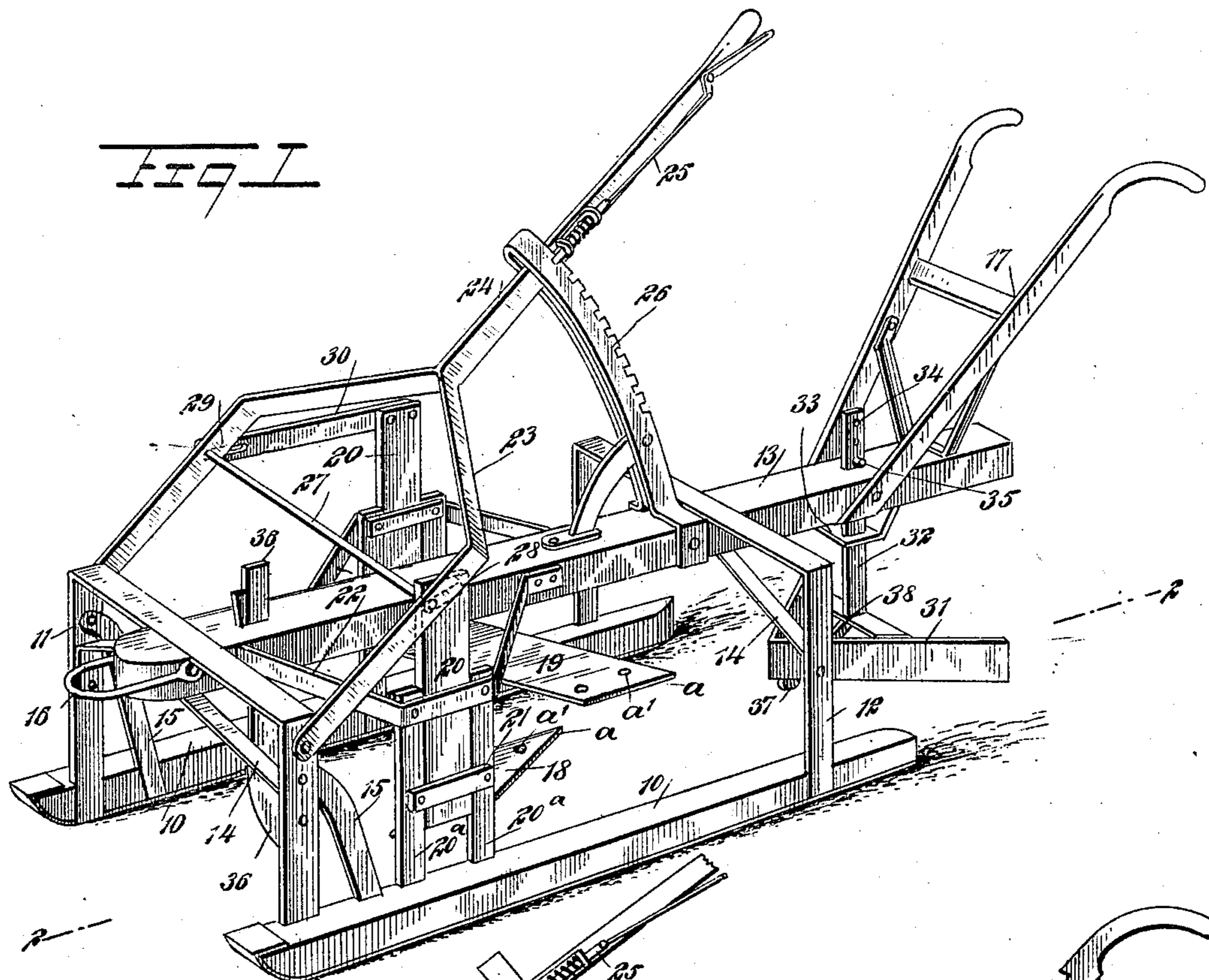
No. 719,236.

PATENTED JAN. 27, 1903.

T. X. LANDRY.
STUBBLE SHAVER.

APPLICATION FILED APR. 10, 1901.

NO MODEL.



WITNESSES:

INVENTOR

Télesma X. Landry

BY

ATTORNEYS

UNITED STATES PATENT OFFICE.

TELESMA X. LANDRY, OF LABADIEVILLE, LOUISIANA.

STUBBLE-SHAVER.

SPECIFICATION forming part of Letters Patent No. 719,236, dated January 27, 1903.

Application filed April 10, 1901. Serial No. 55,129. (No model.)

To all whom it may concern:

Be it known that I, TELESMA X. LANDRY, a citizen of the United States, and a resident of Labadieville, in the parish of Assumption and State of Louisiana, have invented a new and Improved Stubble-Shaver, of which the following is a full, clear, and exact description.

The purpose of the invention is to provide a stubble-shaver in which the blades employed may be conveniently and expeditiously adjusted to and from the ground and reversed and wherein also the blades will have guided vertical movement.

Another purpose of the invention is to provide a separator for the stubble, located at the rear of the blades, which separator is provided with a roller enabling it to pass readily over the ground no matter how uneven the surface may be.

Another purpose of the invention is to provide a light and strong frame and one which is mounted to move upon runners.

The invention consists in the novel construction and combination of the several parts, as will be hereinafter fully set forth, and pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in both the figures.

Figure 1 is a perspective view of the improved machine, and Fig. 2 is a vertical longitudinal section taken practically on the line 2 2 of Fig. 1.

The base of the frame of the machine consists of two parallel runners 10, connected at the front by an arched bar or frame 11 and at or near the rear by a similar bar or frame 12. A central longitudinal beam 13 is secured to the upper portions of the arched bars 11 and 12, and the beam is braced or strengthened in this position by braces 14, extending from the bottom portion of the beam to the side portions of the arched bars 11 and 12. Preferably the forward arched bar is strengthened by braces 15, which lead to the runners. A suitable clevis 16 is attached to the forward end of the beam 13, and at the rear of this beam handles 17, similar to plow-handles, are suitably secured.

Two blades 18 and 19 are utilized for cutting the stubble. These blades extend diag-

onally rearward in opposite directions from opposite sides of the machine, and the blades have their end portions *a* beveled in opposite directions, and near each end of each blade apertures *a'* are produced. Both the forward and rear edges of the blades 18 and 19 are cutting edges, and usually their end portions are likewise sharpened. These blades 18 and 19 are attached to guide plates or hangers 20, and the guide-plates have vertical movement between uprights or standards 20^a, which extend upward from the runners 10, the standards 20^a at the left-hand side of the machine being nearer the front than the standards at the right-hand side, and cross-bars 21 serve to prevent the guides from leaving their position between the standards. The upper portions of the standards are braced by yokes 22, which extend from the standards to a connection with the beam 13.

A yoke 23 is pivotally attached to the forward arched bar 11, as is best shown in Fig. 1, and this yoke is provided with a rearwardly-extending handle 24, carrying a thumb-latch 25, which thumb-latch is adapted to engage a rack 26, secured to the beam 13, the rack having a forward curvature. A rod 27 is passed through the pivoted yoke 23, and one end of this rod is passed through a slot 28, produced longitudinally in the upper portion of the left-hand slide 20, while the other end of the rod is passed through a longitudinal slot 29, made in the end of an arm 30, which arm 30 is attached to the upper end of the right-hand slide, the rod thus forming a connecting-piece between the guides or hangers.

It is obvious that under the construction set forth the blades 18 and 19 may be turned end for end, since they are attached to the slides 20 through the medium of bolts or equivalent devices passed through offsets from the slides and through the apertures *a'* in the blades. It is also obvious that the blades may be adjusted as close to the ground as desired or may be carried upward a considerable distance from the ground and held firmly in their adjusted position.

A separator 31 is located at the rear of the blades 18 and 19. This separator is V-shaped, the point facing the front central portion of the space between the runners 10, and the

members of the separator represent two connected vertically-disposed plates. This separator is adapted to receive the stubble cut by the blades 18 and 19 and direct said stubble to the side portions of the machine and away from the runners 10. This separator is attached to a standard 32, and said standard is passed through a suitable aperture in the beam 13 and an aperture in a guide-plate 33, which is secured to the under surface of the beam, and the standard 32 of the separator is provided with a longitudinal series of apertures 34, through one of which a pin 35 is passed to an engagement with the upper surface of the beam 13, so that the separator may be vertically adjusted, as occasion may demand.

A colter 36, preferably in the form of a rearwardly-curved blade, is attached to the beam 13 at its forward portion or in front of the blades 18 and 19, and in order that the separator 31 may pass readily over the ground it is provided within its angular portion with a roller 37, which extends slightly below the bottom edge of the body of the separator, and this roller is mounted to turn on an arm 38, which is forwardly and downwardly projected from the standard 32 or the strap employed to connect the standard with the body of the separator.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. In a stubble-shaver, the combination, with a frame consisting of connected runners, a central upper beam and slideways extending from said runners, of guide-plates having vertical movement in the slideways, knives attached to the guide-plates, extending diagonally rearward across the space between the runners, said knives being at angles to one another, and a yoke pivoted on the said frame and having lifting and sliding connection with the said guide-plates, for the purpose specified.

2. In a stubble-shaver, the combination with runners, arched bars connecting the said runners, a central beam attached to the arched bars, slideways supported by the said runners, and an adjustable, V-shaped separating device for the cut stubble, located at the rear portion of the beam, of guide-plates having vertical movement in the said slideways, reversible blades attached to the said guide-plates, which blades are at angles to one another and extend diagonally and rearwardly over the space between the runners, a yoke pivoted to the forward portion of the frame, the said yoke having a sliding and lifting connection with the guide-plates, a rack, and a locking device for the yoke arranged for engagement with the rack, as set forth.

3. In a stubble-shaver, the combination with a frame comprising connected runners, a beam, and slideways extending from said runners, of guide-plates having vertical movement in the slideways, knives attached to the

guide-plates, and a yoke-shaped operating-lever pivoted on the frame and having connection with the said guide-plates, as set forth.

4. In a stubble-shaver, the combination with a frame consisting of connected runners, a central beam, and slideways extending from said runners, of guide-plates having vertical movement in the slideways, knives attached to the guide-plates, and a yoke pivoted on the said frame and having a rod passing through the members of the yoke and connected at its ends with the said guide-plates, as set forth.

5. In a stubble-shaver, the combination with a frame consisting of connected runners, a central upper beam, and slideways extending from said runners, of guide-plates having vertical movement in the slideways and provided at their upper ends with elongated slots, knives attached to the guide-plates, a yoke pivoted on the frame, and a rod passed through the yoke and engaging the slots in the guide-plates.

6. In a stubble-shaver, the combination with a frame consisting of runners, arched bars connecting the runners, a central beam attached to the arched bars, and slideways extending from said runners, one of said slideways being nearer the front than the other, of guide-plates having vertical movement in said slideways, the guide-plate nearest the front having an elongated slot at its upper end, and the other guide-plate being provided with a slotted arm at its upper end, blades attached to the said guide-plates, a yoke pivotally connected at its forward end to the forward arched bar and provided with a rearwardly-extending handle, a rod passed through the pivoted yoke, one end of said rod engaging the slot in the upper end of one of said guide-plates and the other end engaging the slot in the arm of the other guide-plate, and a locking device for the yoke, as set forth.

7. In a stubble-shaver, the combination with the runners, the beam, and the stubble-cutting knives, of the adjustable V-shaped separating device for the cut stubble and provided with a standard, a roller for the separating device extending below the bottom edge of the body of the same, and an arm connected with the standard and on which said roller is mounted to turn, as set forth.

8. In a stubble-shaver, the combination with the connected runners, a central beam, the stubble-cutting blades, and means for adjusting the same, of the V-shaped separating device for the cut stubble, a standard to which said device is attached, the said standard passing through an aperture in the rear portion of the beam and an aperture in a guide-plate secured to the under surface of the beam, means for vertically adjusting the separating device, and a roller located within the angular portion of the separating device and extending below the bottom edge of the separator, as set forth.

9. A stubble-shaver, comprising a main frame, the paired uprights supported by the frame, the guide-plates guided between the uprights, the horizontal knives supported by the guide-plates, a transverse connecting-piece between the guide-plates, and means for raising and lowering the said connecting-piece at will.

10. A stubble-shaver, comprising a pair of runners, front and rear arched frames secured to the runners, a central beam supported by the arched frames, the paired uprights, the guide-plates guided between the uprights,

the horizontal knives supported by the guide-plates, the transverse connecting-piece between the guide-plates, the main lever carrying said connecting-piece, and a pawl-and-ratchet device for securing the main lever in desired position.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

TELESMA X. LANDRY.

Witnesses:

PHILIP GIROIR,
LYMA LANDRY.