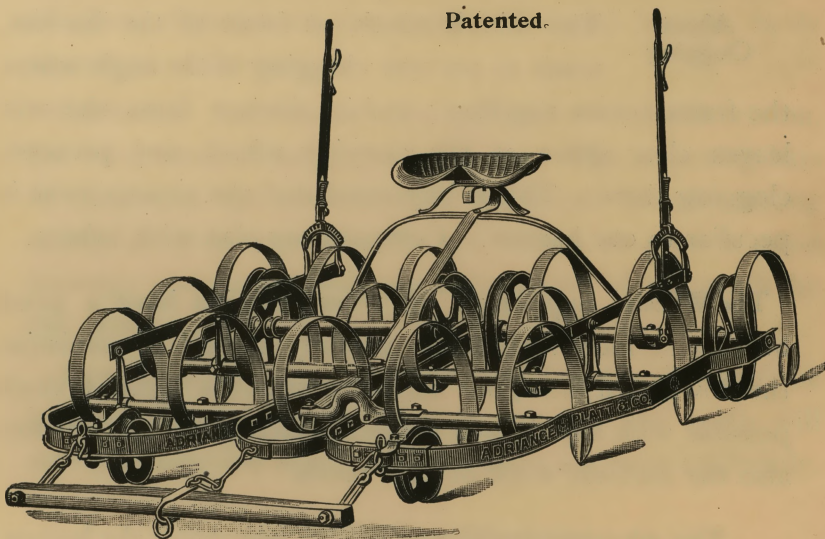


Adriance Buckeye Spring Tooth Wheel Harrow with Adjusting Levers, with or without Seat.

Embodies all desirable points of any harrow of the class with special features of exceptional utility.

The illustration gives a clear idea of the general plan.

Patented.



The Frame Is of channel steel, securing strength and stiffness against any strain.

The Tooth Bars Are of tubular steel, with trunnions riveted in the ends, by means of which they are secured in the frame while free to turn for the adjustment of the teeth.

The Teeth Are of spring steel, adapted by careful tempering to the special requirements of their work and are of the most approved shape to hold uniformly the adjusted depth at which they are set without causing undue weight on the wheels.

Simple Fasteners The teeth are fastened to their carrying bars by a simple device which holds them securely fixed in place and line. A re-enforcing washer absolutely prevents breakage at the bolt hole.

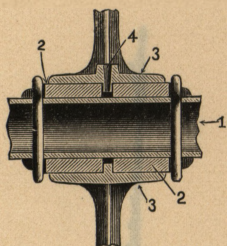
No Trailing Our plan of arrangement of the teeth gives proper balance to the two sections of the harrow and prevents tendency to trail.

About Clogging The middle tooth, at front of the harrow, tends to prevent clogging in the angle where the frames come together; and its absence from the rear leaves clear space at the carrying wheel, and prevents clogging there. This is important and the arrangement is peculiar to our harrow. Compare our plan with others.

The Wheels Supported on wheels which have a good bearing surface, with teeth carefully shaped to minimize the downward draw, our harrow secures the lightest draft possible with any desired depth of cultivation and ensures also the uniform work of each tooth.

The wheels materially assist also in holding the harrow in line, and support the driver, when a seat is used, with the minimum increase in draft. The leading wheels are mounted in a swivel yoke which supports both ends of their axle and are provided with sand bands and a cleaner. They carry the front of the harrow steadily and assist in turning it the moment the team turns.

Wheel Bushings



The Rear Wheels turn on bushings which are easily taken out when worn and replaced by new ones. The sectional drawing illustrates the arrangement, showing: —3, a section of the wheel hub and within it an annular flange, which serves to retain the wheel in place on the two bushings, 2-2, shown also in section, which are fixed on the shaft by strong removable keys. The space between the bushings, not occupied by the flange, forms a central oil chamber.

Hinges The frames are connected, and mutually supported and stiffened, by three well spaced hinges; one of them forward of the teeth. Sections can be easily separated at the hinges.

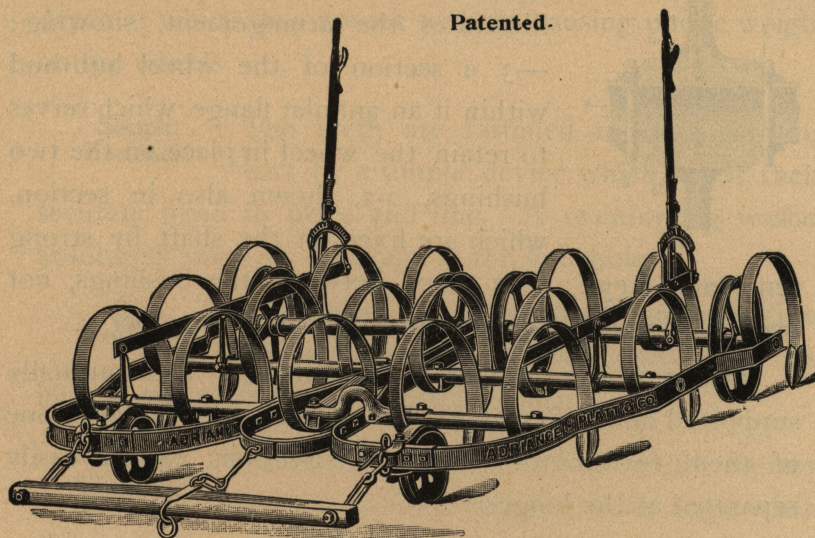
Our Levers Are located at the extreme rear of each section, the most convenient position for use. The adjusting bars of the levers are connected to the tooth bars by strong malleable iron arms of sufficient length to give a good leverage and render easy the adjustment of the teeth by the levers.

Lever latches and racks are well fitted and when the levers are set in corresponding notches the teeth will surely be adjusted to the same position and draw uniformly.

As a Riding Harrow.

While the Adriance is not necessarily a riding harrow and is adapted to do its work without carrying the driver, the harrow for two horses is equally well balanced when provided with the seat, which is in demand in many localities and which may be attached at any time as all harrows are shipped fitted for it.

The Seat Has a spring supported on a long arch piece which cannot jump out of place and does not interfere with the flexibility of the harrow.



Sizes For two horses, **Four Sizes**, fifteen, seventeen, nineteen or twenty-one teeth, are provided for by two sizes of frames. On one frame, fifteen or seventeen teeth, on the other frame, nineteen or twenty-one teeth may be used as desired. In either case the teeth are easily changed at any time.

**For
one Horse**

We have a special harrow of nine teeth, with a guiding handle.

Manufactured only by

ADRIANCE, PLATT & CO.

Established 1855.

Poughkeepsie, New York.

If you want other FARM MACHINERY send for free catalogue.