# ADRIANCE, PLATT & CO.,

"BUCKEYE." (TRADE MARK.)

TRADE MARK ADRIANCE

"TRIUMPH." (TRADE MARK.)

# HARVESTING MACHINERY:

## POUGHKEEPSIE, NEW YORK, U. S. A.

CABLE ADDRESS: "ADRIANCE, NEW YORK."

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1850

# ADRIANCE, PLATT & CO.

POUGHKEEPSIE, NEW YORK, U. S. A.
January 1st, 1896.

In the introduction of this our **thirty-ninth** annual catalogue, our first thought is to express the sincere hope that the harvest of 1896 may bring to our farmer friends a more abundant return for their labor and care than was generally vouchsafed in the harvest of 1895. We feel relieved from a possible suggestion of selfish interest therein by the recognition of the broad principle underlying the words uttered by Webster nearly sixty years ago, which are quoted on our title page.

It is but reaping the reward of his toil, that, as the farmer first makes the Arts possible, their progress has relieved him from the arduous labor and drudgery of his chosen vocation to as great an extent as any other class of the commonwealth. Consequently, the farmer depicted on our cover has given place to one who needs little knowledge of the use of scythe and cradle.

We are justly proud of the recognized fact recorded by a National Committee in 1866, that **our Adriance Buckeye** "was the pioneer in the path of the great improvements which have popularized mowing machines and made them an absolute necessity to every farmer." In the continued progress of harvesting machinery we have more than kept pace—we have continued to **lead** in the introduction of **real** improvements; and so thoroughly established have been the foundation features of our machines that we have never had to depart from these, since our machines have always stood the the test of the every day, all-round work of the farmer.

Our **Adriance Buckeye Mower, Adriance Binder** and **Adriance Reaper** are again offered for the examination of discriminating purchasers. We shall offer also in increased number our **Adriance Triumph Reaper,** an improved development of the "Triumph" Reaper, formerly built by D. S. Morgan and Co., which was a standard for imitation in that class of Reapers. As manufactured by us, under the careful system of construction for which our works are World-famous, we anticipate for this machine even greater success than heretofore.

The brief descriptions of our products given in this Catalogue we intend as guides for the critical examination of the Machines themselves, as exhibited at our Agencies, to such farmers as can appreciate **merit** in **mechanical principles, construction** and **finish,** and who will exercise judgment as to their ultimate best interests in purchasing.

We avoid empty "claims" and "catchy" names; justly, we think, considering that false assertions and misleading and unfair illustrations and comparisons, such as are too often used, are an insult to the intelligence of the farmer, to whom we appeal. That any particular part of a machine is "longer," or "larger," or "wider," or otherwise different from that of any competitor, does not make it **better,** as such assertions are designed to imply; but all parts must form together the proper relation and combination, and the different materials be selected with reference to their functions, to produce what is **best as a whole.** It is to the creation of this **perfected machine** that our efforts have been **successfully directed.**

ADRIANCE, PLATT & CO.

# MOWERS & HARVESTERS.

# ADRIANCE, PLATT & CO.

**What is Best? Most Economical?**

That which renders the most efficient use for the longest time at the least expense—is the **Best**—and the most **Economical.**

**How may you know?**

In mowers it is the **Adriance Buckeye.** This is established by a study of its history. In the report by the Judges of the greatest **National Field Trial** ever held in the United States we find, "For several years past every new mowing contrivance has gravitated more and more toward the Buckeye principles until all the machines are grouped around this central type." That the **appropriation** of **Buckeye** features has not yet ceased is apparent from a comparison of present mowers with those of the same manufacturers of only a few years back, and even more forcibly by considering the following special features, every one of which was **originally introduced** on the **Adriance Buckeye,** which was the

**They keep it up.**

**What a list this is.**

First mower made with **Two Driving Wheels,** both free from gearing.
First to use a **Double-Jointed Finger-Bar** and a Lever for handling it.
First to use an adjustable **Leading Wheel** on the inside shoe.
First two-wheeled mower with the **Cutter-Bar in front** of driver's seat.
First to fully **fold the Cutting Apparatus.**
First to use **Driving Pawls and Ratchets** giving **independent action** to either Driving Wheel.
First to use the **Malleable Steel-lined Guard.**

We have never abandoned one of these essential features.

**You can tell.**

Are there **any** successful mowers to-day which have not copied nearly, if not every one of the **features we introduced?**

We, having started in the race for supremacy, with a long lead, have advanced in the methods of sound scientific construction, and in the application of new devices of merit, while others have been obliged **to constantly change** and reorganize, as they were enabled to copy our principles and features.

**Not all "Ancient History."**

Our early attained reputation for excellence has been maintained by us and never equalled. **Construction tells.**

**"Extras" have a history.**

Our continuous progress in one direction, while others have **changed repeatedly** their entire machines, makes a great difference in regard to getting proper Extras for worn machines.

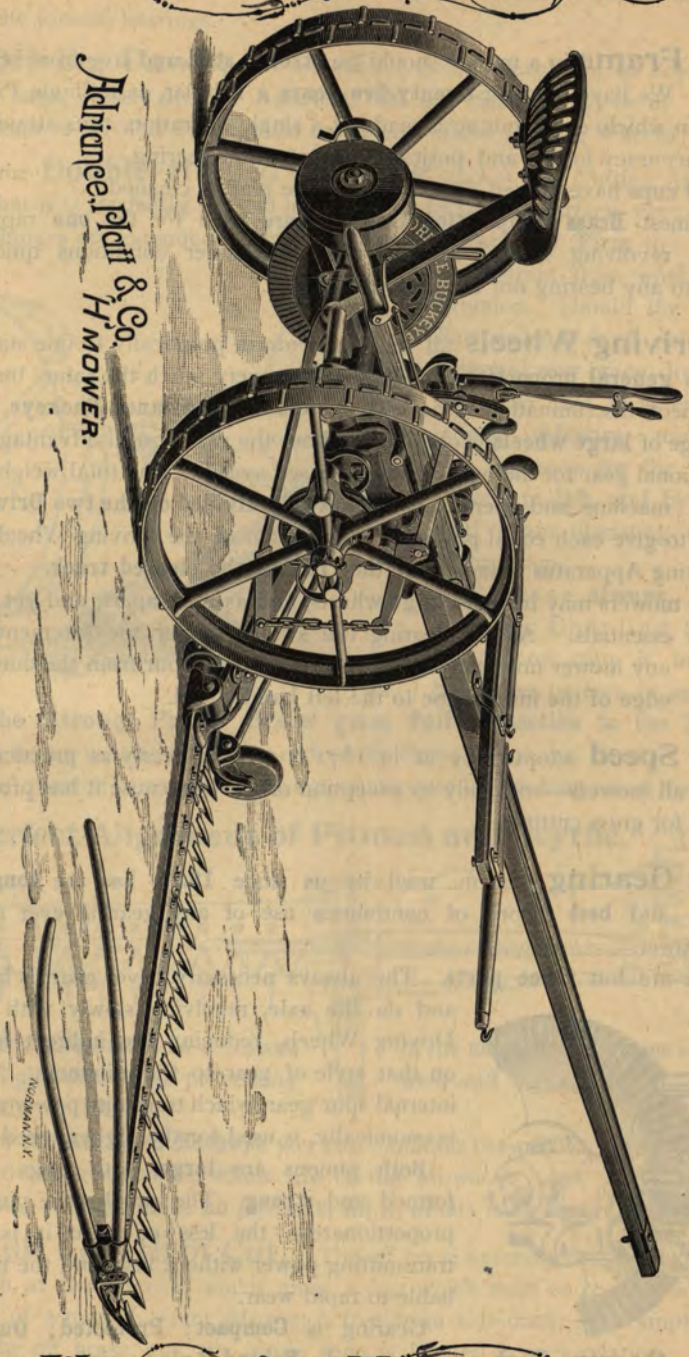
Many manufacturers will in 1896, as heretofore, advertise as peculiar to their machines features now common to all. Or claim advantages where no practical difference exists. They do so to deceive.

**Will you use your own judgment?**

Examine the descriptions of different machines and the machines themselves to determine which is the best for you to buy.

# MOWERS & HARVESTERS.

# ADRIANCE, PLATT & CO.




ADRIANCE BUCKEYE MOWER.

## MOWERS & HARVESTERS.

Pl. 120. H.

# The Adriance Buckeye Mower.

**The Frame** in a mower should be **strong, stiff,** and free from bolts.

A Long Time.

We have used for **twenty-five years** a Tubular, cast, Single Piece Frame, in which every boring is made at a single operation, thus attaining perfect accuracy in line and position for shafts and gearing.

All oil cups have hinged covers and can be readily cleaned.

The finest **Brass Composition Bushings** are used for the **one** rapidly revolving shaft. Mowers are used under conditions quickly ruinous to any bearing not the most substantial.

Not a Bicycle.

In **Driving Wheels** all mowers conform practically to one standard. In **general proportions** mowers **appear** very much the same, but in this respect discrimination is necessary. On the **Adriance Buckeye** the advantage of **large wheels** is obtained without the common disadvantage of an additional gear for the necessarily increased speed. The total weight of machine and operator is **very evenly divided on the two Driving Wheels** to give each equal power. The relation of the Driving Wheels to the Cutting Apparatus is such that they **run in the cleared track.**

To think about.

Other mowers may have as large wheels, and as wide apart, and yet fail in these essentials. As to clearing the swath, proper measurement on any mower must **not** be between the wheels, but from the cutting edge of the inside shoe to the left hand wheel.

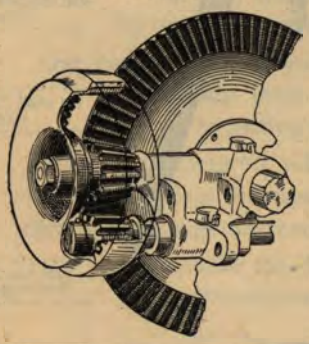
How have you measured?

**The Speed** adopted by us in 1871 is now as nearly as practicable used on all mowers—with only an exception or two—because it has proven the best for grass cutting.

**Our Gearing** system, used by us since **1857,** has the **longest** and **best** record of continuous use of any gearing ever used on a mower.

The Test of Time.

There are but **three parts.** The always necessary bevel gear, is large and on the axle, revolving slowly with the Driving Wheels, reducing the indirect force on that style of gear to the minimum. The internal spur gear, which transmits power most economically, is used for the higher speed.



Both pinions are **large,** with cogs well formed and **strong.** The smaller the pinion, proportionately, the less effective it is for transmitting power without loss, and the more liable to rapid wear.

Gearing is **Compact; Protected; Out of the way; High** above ground; **Behind Axle,** assisting forward balance; **Close** to left Driving Wheel, helping to equalize it in power.

Location is right.

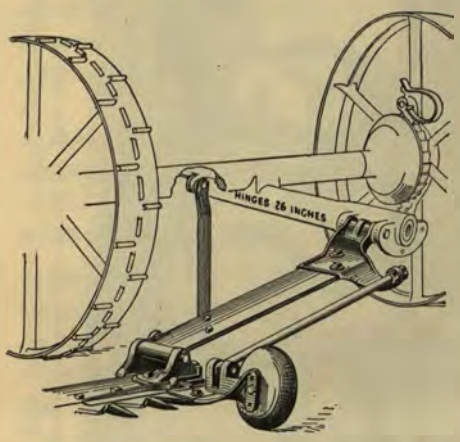
**Shafting** is of **cold-rolled Steel** and fully covered. The **Crank Shaft** extends to the rear of the axle; its length obviates vibration and wear on the journal bearings.

**Driving Pawls,** two on each Driving Wheel, are so adjusted to two large, closely divided Ratchets, that one must always be in position to drive at the slightest movement of the Driving Wheels.

No lost motion.

Our **Double-Hinged Coupling** carries the Cutting Apparatus so that it is **Perfectly Pliant** and free to follow the surface, yet the hinges are extended, strong and durable; **Perfectly Firm** to resist strain from work or obstruction. Should the Finger-Bar strike a fixed object, the **diagonal** rear brace diverts the shock so that it is expended largely **sidewise,** minimizing any tendency for the Driving Wheels to **lift,** and by distributed strain obviating the risk of breakage.

You mow on Uneven Ground and meet Obstructions.



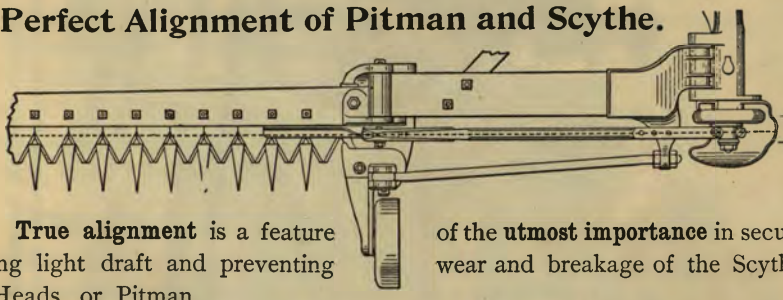

We have **always** used this Coupling System; others now copy it, but none have it as perfect, or as strong.

Evidently Good.

**The Strong Front Brace gives full protection to the Pitman.** Two heavy nuts at the upper end of the Front Brace can be adjusted thereon to compensate for possible wear on the hinges and maintain a

And more.

## Perfect Alignment of Pitman and Scythe.



See the line.

**True alignment** is a feature of the **utmost importance** in securing light draft and preventing wear and breakage of the Scythe Heads, or Pitman.

On the **Adriance Buckeye** you can maintain the perfect alignment, with its advantages, for the **whole life** of the Mower.

It's a long time, too.

Some mowers make **no** provision for it, others have inadequate devices.

**Full Length of Cut.** The off horse naturally follows the cleared swath at the edge of uncut grass, a fact which must be considered in the **plan** of a mower. Our Mower, is free from side-draft, gives ample room to the off horse, and the inside shoe is located in such relation to the track that we secure a cut the **full length of the Bar.**

It tells on a Day's Work.

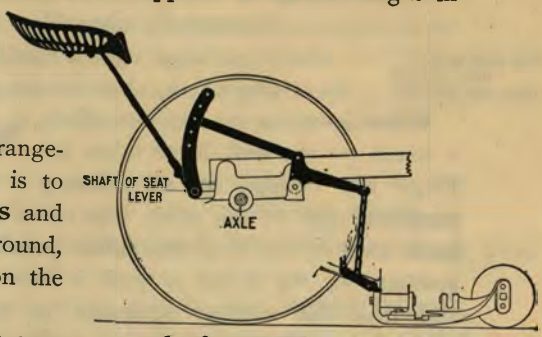
# ADRIANCE, PLATT & CO.

THE ADRIANCE BUCKEYE TURNING A CORNER—FINGER BAR LIFTED BY THE FOOT.
THE AUTOMATIC BALANCE RENDERS IT A VERY EASY OPERATION, FOR EITHER HAND OR FOOT.

# MOWERS & HARVESTERS.

**Our Automatic Balance** is equivalent to a **lever** resting on the axle of the Driving Wheels as a fulcrum, and the weight of the driver in the rear of the axle is applied to balance weight in front of the axle. The combination of levers is to adjust and apply the lifting force in proper proportions at different points.

Patented and peculiar to our Machine.




The effect of this scientific arrangement of driver's seat as a lever is to **carry the cutting apparatus** and avoid all its friction on the ground, **Lessen Draft,** and to place on the Driving Wheels and

**utilize for power every pound of weight**

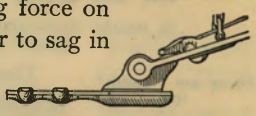
See what it does.

of driver, seat, frame, gearing, etc., and of the pole and cutting apparatus, not required to keep the pole steady and the cutters down to their work.

The device can be adjusted in a moment for a driver of any weight, and **a lift of desired amount placed on the cutting apparatus.**

**The whole Bar is carried.** The gag-lever, with a fulcrum on the Coupling, and carried by the chain, acts upon a lever extension on the inner side of the shoe-hinge, thus exerting a lifting force on the **outer end** of the bar, offsetting the tendency of the bar to sag in the middle and maintaining a **true line for the scythe.** The lift on the outer end of bar is so proportioned as not to interfere with the closest cutting through hollows and ditches.

It goes to the end.



**Double amount** of all the weight taken up in front of the axle and balanced by the driver is placed on the driving wheels and converted into **power for cutting.** Should the driver leave his seat the weight he has balanced falls on the ground, not on the team.

Don't forget it.

No system of springs devised by others in the attempt to accomplish the functions of our Automatic Balance have done so. They all place a portion, at least, of the weight on the team instead of on the axle, and it's **always there** while the team is attached.

They can't do it.

**The Most Powerful, Steadiest Cutter.** The **power** which drives the gearing and operates the scythe on any mower **is all derived from the driving wheels;** its **amount** depends upon the weight placed upon them; its **effective use** upon the mechanical principles of transmission, and the quality of the workmanship. Carrying upon the driving wheels a **greater proportion of the total weight,**

A matter of examination and comparison.

**the Adriance Buckeye is the most powerful Mower made.**

The power we **utilize to the fullest extent** by scientifically designed gearing and cutting parts. **In quality of workmanship we challenge comparison.**

**Adequate provision of power,** its **mechanical application,** with our wide truck, secure the steadiest running machine.

## Operating Levers.

So very Easy.

Our **Lifting Levers** for the Cutting Apparatus are novel, and operated with **exceptional ease** by either hand or foot. Ordinarily the hand lever stands upright, a "long reach" from the driver; ours rests **horizontally alongside** within **easy reach** of his right hand.

You want to Use them Quickly. Take your Choice.

Our foot lever stands upright **alongside** the driver's right foot, where he can press it **instantly.**

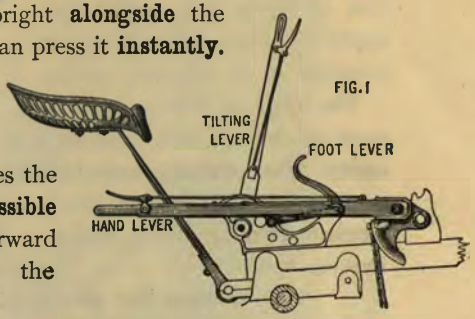


FIG. 1

**Either lever** has the same first effect; a touch on the **foot lever** raises the Finger-Bar enough **for all ordinary purposes,** and at the same time raises the **hand lever** to the most **convenient possible position** for the driver to push it forward and raise the cutting apparatus to the **greatest height.**

Try this. There is a Reason.

Foot and Hand Lever may be used **together** or **separately,** and on no other mower can the bar be as **easily raised** by either; because in operating our levers the **Automatic Balance assists,** and the operator's force is exerted in the direction of his seat, thus his **power is doubled.**

On all other mowers the use of the levers **tends to lift the driver out of his seat,** and thus his position is made insecure, perhaps dangerous.

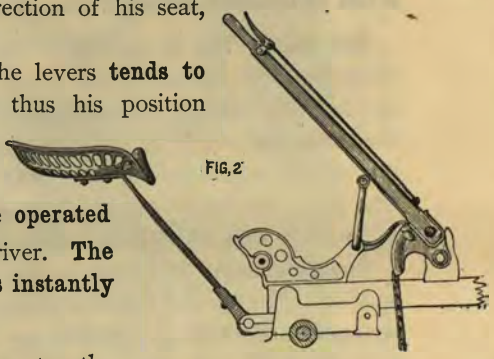


FIG. 2

These are "handy" too.

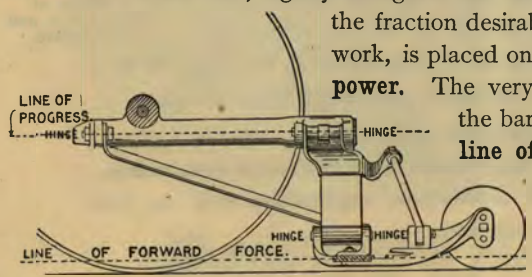
The **Gear Shifting Lever** is conveniently placed, to be **operated by either the hand or foot** of the driver. **The clutch** being on the crank shaft, **acts instantly** to stop or start the scythe.

The **Tilting Lever,** located close to the driver's right hand, is quickly operated to throw the points of the Guard Fingers up or down, and lock them in any desired position.

## Self-Adapting Finger-Bar.

We have already referred to our original introduction of this feature by our Double-hinged Coupling. When others were able to copy this system, as nearly every manufacturer now has, we had made another advance, and by our Patented Automatic Balance actually **carry our entire Cutting Apparatus,** even to the outer end, lightly alongside the machine. All the weight except the fraction desirable to keep the bar down to its work, is placed on the Driving Wheels, to **increase power.** The very limited force required to move the bar forward we apply **directly in line of desired movement,** and so **low down** as to secure the full benefit of the curve of the leading wheel to aid in surmounting obstacles.

We do not Stop.



**Hung so flexibly,** with **downward pressure impossible,** forward **force** applied in **proper line,** and **carried so lightly** over the ground, our Cutting Apparatus is absolutely free to **adapt itself** to all variations of the surface.

Smooth Cutting assured.

Our perfectly independent action for the Finger-Bar can not be attained on mowers drawn from the Finger-Bar connections, or with drooping frames, or push bars hinged about the axle or above the plane of the bar.

**Direct Draft.** In operating a mower all the **power** for moving the gearing and scythe, and cutting, comes from the **driving wheels,** the major **resistance to be overcome is at the point of their impact with the ground.** That resistance is overcome and power obtained by rolling the driving wheels, which must **be done through the axle.** We therefore draw **directly** from the axle. Manufacturers in advertising mowers having draft attachment to, or near, the cutting apparatus, convey the impression that at the cutting apparatus is the point of greatest resistance and that such draft is **"direct."** On the contrary, 'tis most **indirect.** It requires comparatively little power to move the cutting apparatus forward, yet they haul on that and pull the power converting machine after it, as against our method of applying draft to the machine and carrying the cutting apparatus.

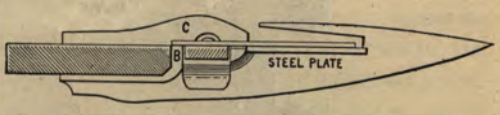
Have you thought of it?

Not true, "by a large majority."

Which is more Mechanical?

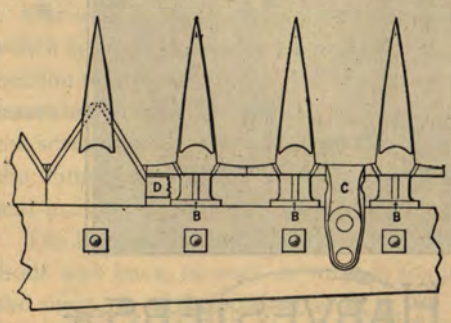
**Perfect Shear Cut.** The **Malleable Iron, Steel Plate, Guard Finger we were the first to introduce** and have **used since 1859.** Nearly every manufacturer now uses it, which is sufficient testimony as to its merit; many of them advertise it as though original with them or peculiar to their machines. These Guard Fingers, as still used by us, are provided with oil tempered plates carefully ground to an accurate bevel, and the finished Guard Fingers are formed to an exact gauge and give a firm shoulder bearing against the planed edge of the Bar, and, braced by the side wings (see cut below), are held securely in accurate line by one carefully fitted bolt.

Superiority proven.

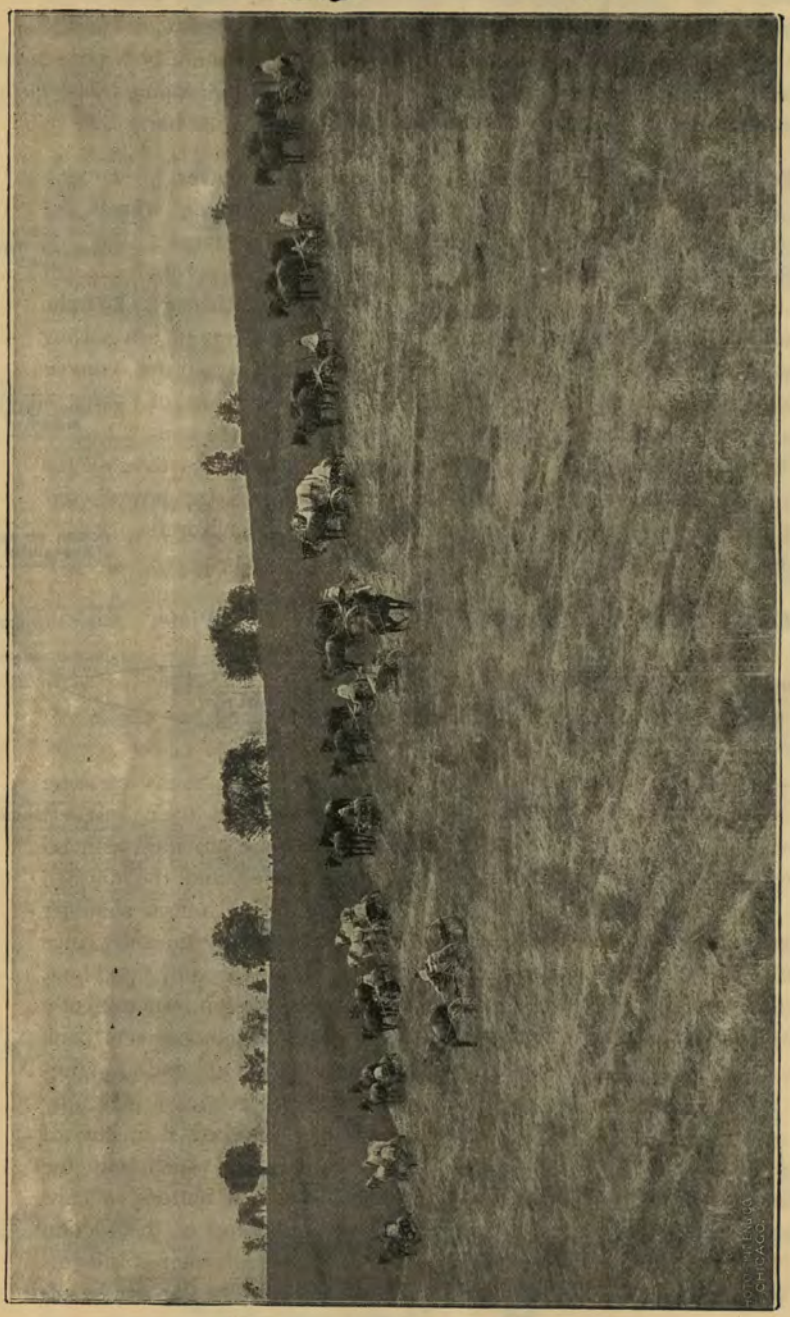



Not so Meritorious.

On the carefully aligned ledger plates the scythe section rests perfectly flat, producing in motion a **perfect shear cut.** The section projects back of the scythe-rod and is supported at its rearward edge by a shoulder (marked B in cut) of the Guard Finger which, with the malleable arched buttons or caps C, bearing on top of the section more forward, retains it in the cutting position. **The Cap can be adjusted** without removing; its arch is kept clear by projecting rivet



# ADRIANCE PLATT & CO.



HAYING SCENE WITH ADRIANCE BUCKEYE MOWERS, ON THE BORDEN HOME FARM, WALLKILL VALLEY, NEW YORK.

# MOWERS & HARVESTERS.

Pl. 175. H.

heads on the scythe. The light steel scythe rod D, passes through a channel in the Guard Fingers, having a bearing on its back edge only, against the shoulder B.

**Clearance** for escape of gum and grit is provided for, both **under the scythe rod** and back of it **between the shoulders** (B) **of the fingers,** which lessens very much the wear, friction and liability to clog, incident to a scythe having bearings the whole length, or with sections overlapping the Finger-Bar.

Of no little consequence.

**Worn fingers are very easily replaced.**

**The farmer can always line up the scythe by inserting new fingers at necessary points.**

**For thirty years we have made our own Mower Sections.**

Bear this in mind.

On no **one** thing is the success of a mower so dependent, and we have the **strongest incentive** to make the **best section without regard to cost.** A very large number of manufacturers **buy** their sections from one concern whose object is to make a profit on what they sell.

## Pitman Rod and Crank-Wheel.

Important, but not often considered.

The length of the Connecting Rod or Pitman, and the **direction of rotation** of the Crank-Wheel, have important relations to the **economical transmission of power** for cutting, and to the wearing and **breaking** of scythe heads.

**Our long Pitman** gives a great advantage, because it reduces the angle of action to the minimum; and the direction of crank revolution makes it, when working at its **greatest angle, tend to press the scythe down** to the cutting edges. On the return stroke, the Pitman being at its lowest point, its **angularity** is still more reduced and lifting tendency on the scythe is as slight as possible. The disadvantages of a crank-wheel turning in the opposite direction are obvious.

## Our Pitman Connections.

They must be good. Ours are very good.

As the Pitman or Connecting Rod transmits the motion and power from the gearing to the scythe, and moves at a very high speed, it is of the greatest importance that it should have not only the perfect alignment described on page 5, but should have also the most **secure and durable connections** at both ends.

Our long rod receives at the crank end a **tough brass composition box,** which is firmly secured by a locked nut, making a most **substantial** connection to the crank-pin. At the scythe end it has a **large bearing,** greatly **lessening liability to wear,** and it is easily connected to or removed from the scythe head. At the same time any **wear** which may occur on either the Pitman bearing or scythe head **can be taken up,** and a close fit made and maintained by means of a bolt with locked nut.

The **light, strong scythe head** is provided with guiding bearings at both front and back, to work in ways in the inside shoe and aid in maintaining the shear cut of the scythe.

**The Leading Wheel,** one of our old-time features, has in our modern machines lost its carrying function, but it is still an **important element** in the perfect Self-Adapting Cutting Apparatus. It is so **carefully adjusted in position** relative to the points of the guard fingers, that it guides them through hollows and over ridges without catching.

But a good thing yet.

**Height of Cut** is quickly made as desired by adjusting the leading wheel and a steel runner at the outer shoe. It can also be varied while in motion by the Tilting Lever.

No Patent on a Wheel.

Our steel runner at the outer shoe is more durable than a wheel at that place, and carries the bar more **steadily and easily.**

**Light Draft** is the result of the nearest approach to **perfection in plan and development.** We will not summarize a description of our Machine, the excellence of which in **every** respect results in the **lightest draft attained on any mower.**

Have we not shown it?


**On the Road.** The Cutting Apparatus **folds horizontally** over the Pole, where it rests securely, with the weight evenly balanced. As the Bar is folded the seat swings back, increasing by our Automatic Balance the leverage of the driver's weight, to balance the Bar and prevent weight on the pole. Ours is the **only** front cut mower which can be folded and driven on the road **without adding weight on the team.**

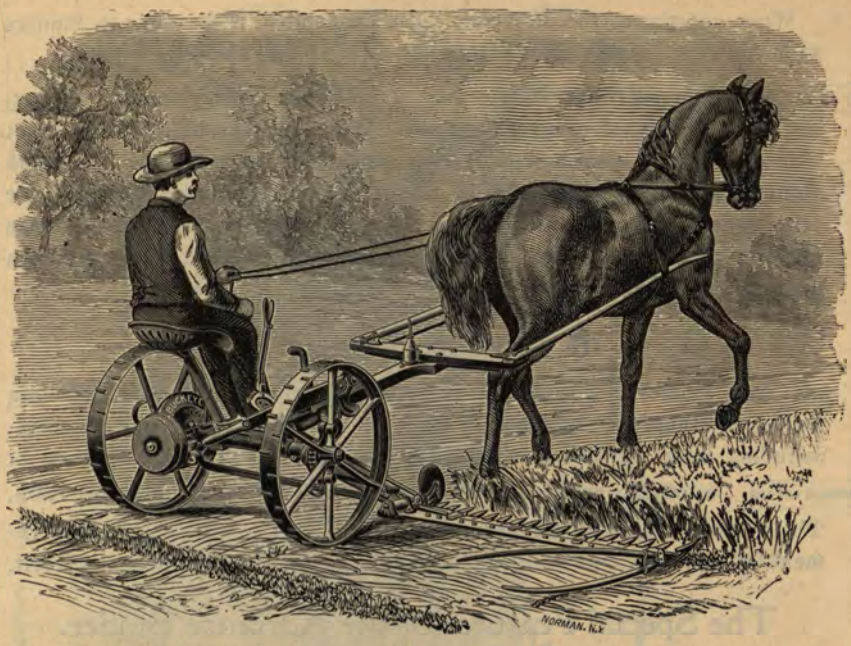
Like Light Draft, good for the Team.

When on the road, the Pawls can be thrown out of the Ratchets, saving all wear on the bearings used when the machine is at work.

**Material and Workmanship.** All stock used in our Machines is selected and tested with care. Cold, or hot rolled iron or steel, malleable, or grey iron, or wood, are each used where they are the best material for the purpose.

Just Examine.

We have **always** maintained the best reputation on workmanship and **challenge comparison.**



# Adriance Buckeye Mower, Size C.

**FOR ONE HORSE.**

In material and construction this machine is so like our two-horse **Adriance Buckeye** Mower that it is practically covered by the foregoing description.

It **has the foot and hand levers** working together or independently, and the entire cutting apparatus is carried in the same way, except that the machine being so much lighter the weight of the driver balances the machine and bar without the power increasing levers.

Not a Two-Horse with Short Bar.

Though resembling our two-horse Mowers, it is made **entirely** from **patterns designed for a small machine** and is so proportioned as to secure all **necessary strength** for the **heaviest work** without danger of breakage, and it is **fully warranted,** as are all our manufactures.

Our size C gives better satisfaction than any other **One-Horse Mower, and its popularity and the number we manufacture steadily increases.**

Did this ever occur to you?

It not only fully meets the requirements of farmers who do not keep more than one horse, but many larger farmers find it **convenient** and **profitable** to own **two One-Horse Mowers** in preference to **one larger machine;** particularly where the amount of work to be done is large, but on rough or obstructed ground, where team and **a very long bar Mower makes less satisfactory work,** and are far **more troublesome** and **slower to manage and operate.**

The "C" Mower is also used on many lawns too large for hand mowers, and will leave a clean, neat stubble, even in short grass.

What constitutes the **Best** and most **Economical** is the same in Binders as in Mowers. Again the **Adriance** Machine fulfills the requirements.

History again. Our **Adriance Binder** has not as **long** a history as our Mower, but it is a history of as **great success.** When introduced it was as great a departure from established types as was our original mower. It **stood alone against the experience of all other manufacturers** who had for years eagerly but vainly sought such a machine, **and against the influence of every representative of all other binders, and received the most severe tests the farmer could give it.**

## It Won its Way,

not only wherever introduced **at home** but the **World over,** winning numerous **Honors** and **prizes** of the first order from its first introduction; including many **Grand National Prizes.** It won the **First Prize** at

An unbroken record. **every European State Binder Trial for both 1894 and 1895.**

Trials conducted under **Government auspices** and supervision of **Government Officers** and Committees, giving absolute assurance that it **won on Merit.**

## The Special Features of the Adriance Binder.

**Simplicity: Lightness: Slow Movement of Working Parts:**
**Well Proportioned, Well Balanced, and Elegant Appearance:**
**Peculiar and Limited Elevation of the Grain:**
**Novel Rear Discharge of the Bundle:**
**Perfect Separation: Gentle Handling of Grain: Clean Delivery:**
**Great Capacity and Range of Work:**
**Adaptability for Side Hills:**
**Economy of Power: Economy of Twine:**
**Light Draft: Durability: Portability.**

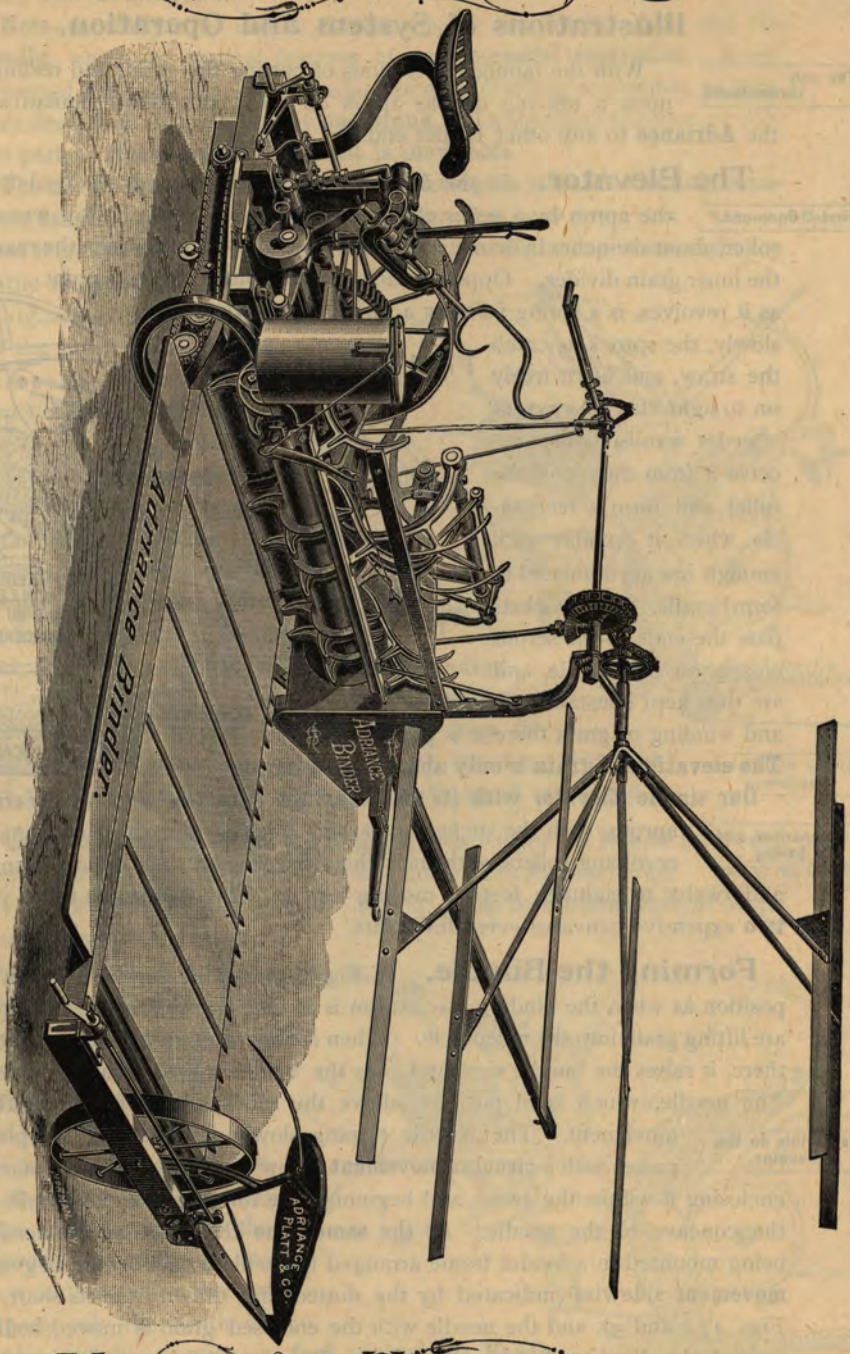
Thoroughly protected by Patents, it still remains the **only** successful Binder essentially different in features and plan from all others.

Its influence. The influence of this machine on all other binders brought into competition with it has been very great, and we may claim that it has caused almost as great changes as did our **Buckeye Mower.** The high elevating machines have been greatly lightened, reduced in proportions and made more attractive, but not always perhaps improved, as some good

Not always for the best. features, such as a large Driving Wheel, have been sacrificed to meet the demand we established for lighter Binders, with less elevation and greater economy of power, and of lighter draft.

A single instance will suffice: Manufacturers, only a very few years ago, using a 38-inch Driving Wheel and **condemning** one **any** smaller are to-day using Driving Wheels of **less than 32 inches,** to secure a binder approaching only a little closer the limited elevation of the **Adriance.**

# ADRIANCE PLATT & Co.




ADRIANCE REAR DISCHARGE BINDER.

# MOWERS & HARVESTERS.

Pl. 189. H.

# The Adriance Binder.

## Illustrations of System and Operation.

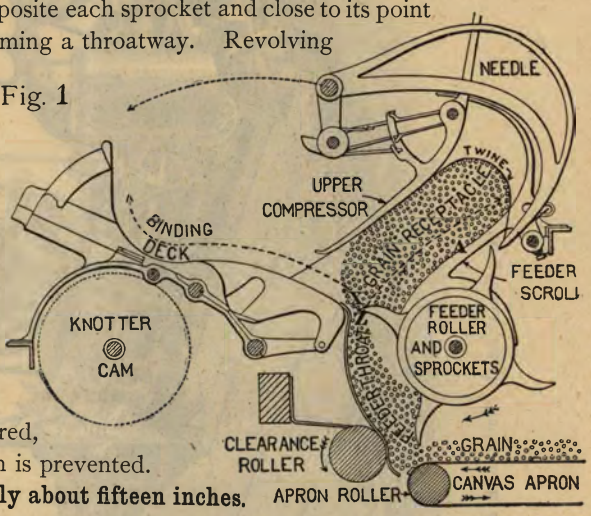
The only resemblance.

With the familiar operations of cutting the grain, and reeling it upon a moving canvas apron on the platform, all similarity of the **Adriance** to any other Binder ends.

**The Elevator.** In the **Adriance** system the grain is received from the apron by a series of sprockets mounted on a hollow wooden roller, about six inches in diameter, located closely over the apron in the rear of the inner grain divider. Opposite each sprocket and close to its point as it revolves, is a spring forming a throatway. Revolving slowly, the sprockets catch the straw, and lift it freely on to light curved ways, or "feeder scrolls," which receive it from the top of the roller and form a receptacle, where it remains until enough has accumulated to form bundle. The sprockets pass the ends of the scrolls closely on either side, and are thus kept constantly cleared, and winding of grain thereon is prevented.

First "Open-end."

Fig. 1




**The elevation of grain is only about fifteen inches.**

**Our simple Elevator with its two bearings** dispenses with two wearing aprons, with the sticks, straps and buckles, and the four rapidly revolving rollers, with their chain wheels and their eight bearings, and twelve to eighteen feet of rattling chain. The **Adriance saves** you **two** expensive canvases every few years.

A Comparison and a Saving.

**Forming the Bundle.** In Fig. 1 above, the parts are shown in position as when the binding mechanism is at rest, and the feeder sprockets are lifting grain into the receptacle. When sufficient grain has accumulated there, it raises the bundle sizer and puts the binder mechanism in motion. The needle, which is in position above the receptacle, begins a **double** movement. The Needle turning slowly with its shaft, the point passes with a **circular movement** below the grain in the receptacle, enclosing it within the twine and beginning the formation of the bundle in the concave of the needle. **At the same time** the shaft of the needle, being mounted in a binder frame arranged to oscillate on a center, begins a **movement sidewise** (indicated by the dotted line, drawn from its shaft, in Figs. 1, 2 and 3), and the needle with the enclosed grain is moved **bodily** toward the Binding Deck, which is on the opposite side of the feeding-throat and **well away from the grain receptacle.** The whole needle

Watch this on the Machine.

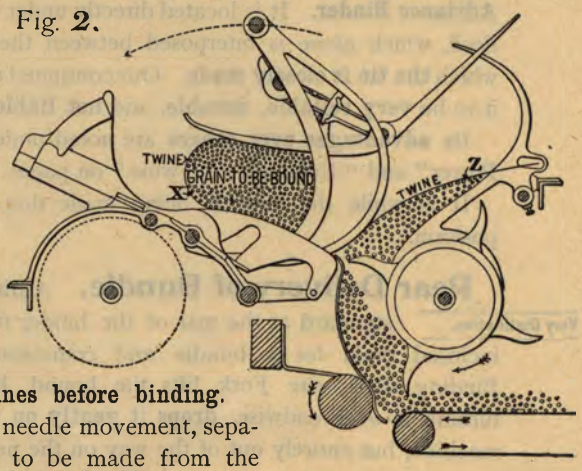
moves away **from** the receptacle into which the sprockets are lifting the grain without interruption.

**Note carefully** the unique movements of the **Binder Arm** and the **Needle,** which are radical features of our **successful separation.** Every motion of the parts in making the bundle and returning to position, as hereafter described, is controlled by **one crank** and a simple connection of only two parts. **Harmony of movement is inevitable.**

**The needle does not have to be forced through a mass of incoming, sometimes tangled, grain,** as on all other Binders, but is so timed that when it crosses the throatway one of the sprockets will be in position at the top of the throatway, as shown in Fig. 2, making a clear way for the needle point, which passes just below the sprocket point. Fig. 2 shows the needle about **half way** in its movement carrying the partially compressed bundle to the Binding deck, which is close to the Driving Wheel, **having accomplished about as much separation as is ever made on other machines before binding.**

A Passage Opened.

Fig. 2.



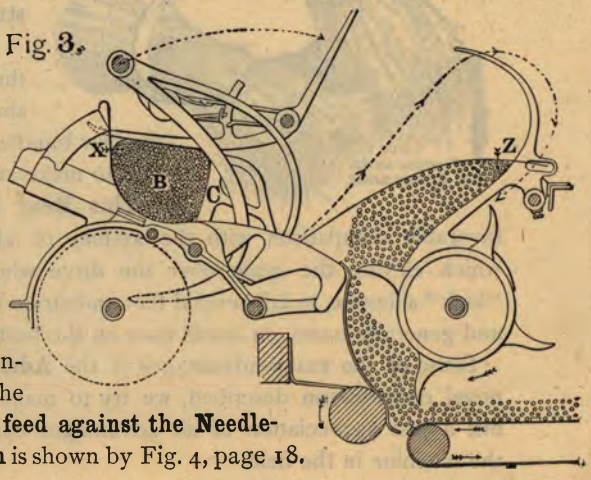

How slow and easy is our needle movement, separating so widely the bundle to be made from the incoming grain, compared with the flying, thrashing "packers" and the flash-like movement of the needle on all other binders.

You should see the operation.

**Compression and Tying** take place while the Needle is relieved from work and backing away from the bundle, and the Discharger Fork at rest and using no power. In Fig. 3 the forward movement of the Needle is completed and the side compressor (C), which **relieves the Needle** from strain, is shown holding the bundle (B) fully compressed on the Binding deck and ready for tying.

Not by the Needle.

Fig. 3.




See the **wide separation** of the grain being bound from that feeding in the **opposite direction** into the receptacle. Other Binders interpose only the width of the needle, and they continue to **feed against the Needle-back.** Our **Final Separation** is shown by Fig. 4, page 18.

**The Return of the Needle,** to its first position, is not as in other binders, over the track of downward movement, but in the return movement the point follows the dotted line drawn therefrom, shown in Fig. 3, **passing above the grain in the receptacle.** This peculiar movement is **a great novelty,** by which we **avoid** the necessity of giving the Needle the usual **great speed,** and avoid also interference with the **continuous,** uniform, free, and consequently easy, operation of feeding the grain into the receptacle in preparation for the next bundle.

A change of route.

**The Knotter,** like nearly all other features, is **peculiar to the Adriance Binder.** It is located directly under the thin, malleable iron Binder deck, which alone is interposed between the Knotter and the bundle, to which **the tie is closely made.** Our continued use of this Knotter has proven it to be **very reliable, durable,** and **not liable to get out of order.**

Its **advantages over others** are noted under the heading "Economy of Power" and "Economy of Twine" on pages 20 and 22.

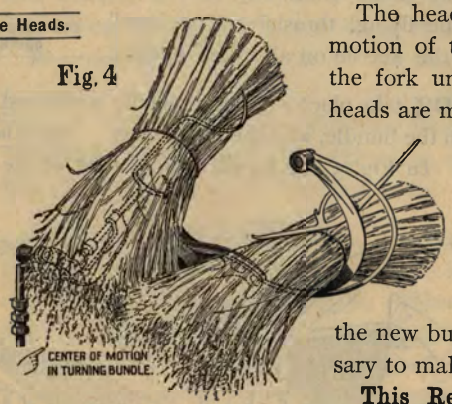
It is while the knot is being made that the Needle returns to first position.

**Rear Delivery of Bundle.** A **Discharger Fork** is pivoted on a standard at the rear of the binder frame. When the needle has inclosed grain for a bundle and commences to move it toward the Binding deck, the Fork lifts the bound bundle from the deck, and turning it over endwise, **drops it gently on the butts** in the rear of the machine, but entirely out of the way on the next round.

Very Distinctive.

Not on the Heads.

Fig. 4




The heads being held near the center of motion of the turning bundle, do not leave the fork until the butts are below, thus the heads are moved but little, and handled very gently, sliding off the machine **but a few inches above the stubble.**

After delivering a bundle, the Fork returns, rolling on its shank to pass the tines below the new bundle, and rests there until necessary to make another delivery.

**This Rear Discharge,** presents a most favorable comparison with the system of all other successful Binders, which elevate the grain over the drive wheel and discharge it with a "kick" sidewise, to fall several feet and strike the ground, at least as much, and generally more, on heads than on the butts.

Some of the many advantages of the **Adriance** Binder secured by the novel construction described, we try to make clear in succeeding pages, but a just appreciation of all advantages can be best secured by seeing the machine in the field.


## Great Capacity and Range of Work.

It is big enough.

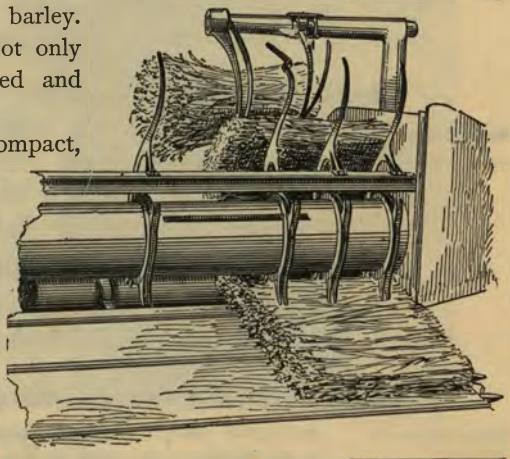
Small as the **Adriance** appears, **it is better adapted to handle long, heavy and tangled crops** than larger machines using canvas elevators. The **entire rear of the Adriance platform, elevator, receptacle** and **binding deck are open.** There is no doubling or packing of straw; even that exceptionally long, **goes through all operations at full length as it falls.**

The needle may be easily and quickly shifted to place the band as required for different lengths of grain, and when moved is accompanied by one of the supporting scrolls, and feeder sprockets with throat spring, so that **in short grain three sets of sprockets, etc., are grouped closely near the cutter bar,** as shown in cut below.

**"It has no equal for handling any grain that grows,"**

Good Authority.

is the testimony of farmers who have used it in the **longest rye,** and in unusually **short oats** or barley. Many owners put the **Adriance** not only into sowed corn, but into drilled and check-rowed as well.



The **Adriance** being more compact, more under the eye of the driver, and so easily handled by two horses, much time is saved and a **full swath** is more readily cut.

In tests in the same field with high elevator binders drawn by three or four horses, and designed to cut a much wider swath, **the Adriance has cut from fifteen to eighteen per cent. more acreage per day of same working hours.**

Try it.

**Perfect Separation** of the bundle from the unbound grain is the most difficult attainment involved in the construction of binders. In the **Adriance** we have certainly made the **nearest approach to perfection.** In all other binders the method of handling the cut grain tends to compact and mass it together. In the **Adriance every operation** from the beginning tends towards the final **perfect separation.**

Nearest the Goal.

It will be noticed that at the point A, on the feeder scrolls (see Fig, 1, page 16), the sprocket passes away from its scroll, and ceases to lift the straw. That sprocket which first caught the turned straw, first ceases to lift it, and so with the others in order; thus the lifting sprockets tend to **straighten in the receptacle** straw that has fallen crosswise on the canvas.

In making a bundle, the grain at X, **just above** the sprocket point, is caught by the Needle in its passage and carried to the Binding Deck, while the grain at Z, **immediately below** the same point, is separated by the needle from that above and is moved by the next sprocket in the **opposite direction** to the top of the receptacle.

The movement of this grain being indicated in Fig. 1 by dotted lines, and the positions these portions of grain occupy as the separation continues, is indicated by the letters X and Z in Figs. 2 and 3, page 17.

This helps do it.

This extended **countermotion** is most favorable for separation, as the **portions of the two bundles** which pass through the feeder throat the **closest together,** and therefore most likely to be **tangled** (see X and Z, Fig. 1), **are most widely separated,** part on the binder deck and part in the grain receptacle (see X and Z, Fig. 3).

Fig. 4, page 18, shows the beginning of the discharge and **final separation.** One bundle approaching the binder deck is **held securely** by the needle, upper compressor and twine, while another, **tightly tied,** is lifted from the deck, and the **butts turned over** to the ground. If grain was so badly tangled that some heads in different bundles still remain attached, this turning of the bundle completes our fine separation in the most natural way, drawing any tangled heads slowly apart lengthwise, as by hand. Separation is so thorough by our system that, even in the worst grain, **bundles rarely hang together.**

**Clean Delivery.** As the discharge of the **Adriance** bundle is not necessary to tighten or strip the knot, **one bundle** after tying **lies undisturbed** on the binder deck **until another is secured.** At the time of discharge, both are firmly held, and the second is interposed between that being discharged and the incoming grain, so there is

No chance for Gleaners.

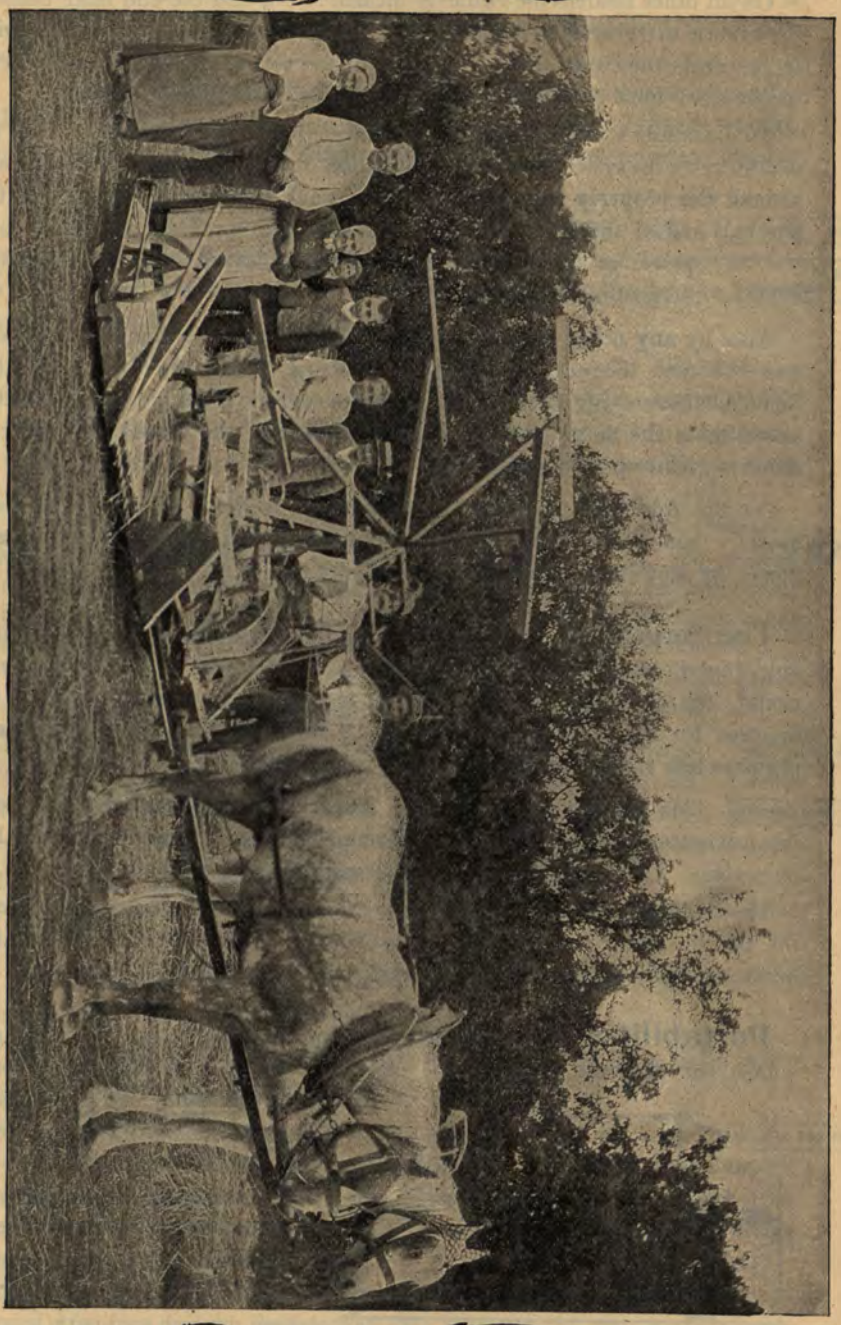
**No loose grain to be dragged out by the bundle discharged.**

If a bundle is about to be discharged on a corner, in the way of the team on the next round, the driver can easily throw it behind him out of the way.

**Economy of Power** is **the great essential of light draft,** the **Adriance** makes a **great gain** in nearly every operation. From cutting to delivery, the grain is moved only about **half as far** as on ordinary

Saves everywhere.

# ADRIANCE PLATT & CO.



A TYPICAL FRENCH FAMILY—HAPPY IN A NEW POSSESSION. NO FARMER'S FAMILY COMPLETE WITHOUT AN ADRIANCE BINDER.

# MOWERS & HARVESTERS.

harvesters; our method of **elevating requires far less power,** and **with less speed** lifts the grain rapidly and positively.

On all other binders the twine is measured off, and the end held before the knot is tied; several inches of slack for forming the knot must come largely from the twine around the bundle, and to secure a tight band much of the slack must be taken up by expansion of the bundle after tying.

To accomplish these results, compression must be much greater than is necessary by the system used in the **Adriance,** in which the **twine is measured around the properly compressed bundle;** slack comes from and returns **to the ball end** of the twine, the end holder operating last; so that all the **power of unnecessary compression is saved** and a stiffer and better bundle is obtained.

Saving in compression.

Also, by **any other system** than ours, after making a bundle the knot must be tied, the needle returned to starting position, and the bundle delivered, before any more grain can be placed for another bundle. This **necessitates the most possible rapid movement of the mechanism,** which requires greater power and increases the draft.

Saving In Speed.

On the **Adriance,** the **three operations** of feeding, making a bundle, and discharging **proceed simultaneously, and we economize power by slower movements,** as well as in methods.

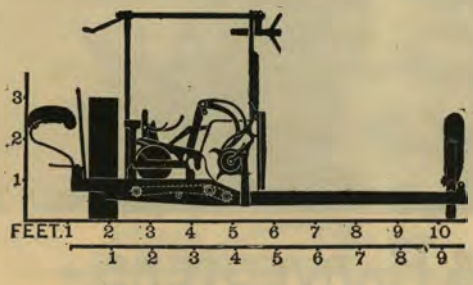
**The Saving of Twine** made by the **Adriance,** as compared with any other Binder in doing the same work, is noticeable. Its bundles are **round,** and the same amount of grain is **inclosed by less twine** than is required for flat bundles, as made by all other binders. The **knot also requires less twine,** and **none** is cut off and **wasted** in the end holder.

Tells on a big crop.

Making a bundle above the average size, the **saving** by use of the **Adriance** would be about **one and one-half balls of twine in every bale** of twelve. The saving would be still greater for smaller bundles.

The band on a round bundle does not, as on a flat one, become loose as the bundle dries, and this, as well as its shape, renders our round bundle much better for shocking and stacking.

**Portability.** With the seat and spring lifted from the spring-socket, the **extreme width** of the machine, cutting full five feet, is **less than ten feet.** With the seat in place it is a little over ten feet.




Excepting the reel, **no part is much above the driving wheel.** It requires no truck, but in full working condition can be driven through ordinary lanes, and is conveniently stored.

**Balance and Adaptability to Work.** Weight in the **Adriance** is largely on the **Driving Wheel** with which the grain wheel **is in line.** An excellent balance is maintained and the machine is very **easily** and evenly tilted.

Platform and frame can be easily raised or lowered by means of cranks. **All weight is carried low.** In this respect, as well as in its **light weight,** and **draft,** the **Adriance is adapted for hillsides, where no other Binder can be successfully operated.**

**Light Draft.** The **great economy of power, light weight,** and use of a **large driving wheel** and the perfect balance secure **so light a draft** that the **Adriance Binder is as easily handled by two horses** as is any other Binder by three. Saves a horse.

**Ease and Comfort for Operator.** On the **Adriance** the driver has a comfortable, safe seat on the stubble side of the driving wheel. His weight assists to balance, and he can step directly to the ground. His team is within easy reach, and every operation of the machine in sight and easily controlled.

By levers convenient to his right hand he can operate the reel, lower the frame, tilt the machine, throw out of gear, or shift the binder and change the position of the band on the sheaf. The **ease and quickness** with which this change can be accomplished, as compared with the same operation on other binders, is most noticeable, and its importance is well understood.

In event of the twine breaking, the needle is easily re-threaded, every leader and eye for the cord being in plain sight and easy of access.

**Simple Gearing.** A spur-gear bolted to the Driving Wheel gives motion to a spur pinion and bevel wheel, in one part; carried on a stud of the frame. This bevel wheel meshes with a pinion on the crank shaft, which carries also the clutch for throwing in and out of gear, and a spur pinion which drives the Binder and Discharger. Not much of it.

The Aprons and Feeder or Elevator are driven by the short chain shown in the rear, on the illustrations.

**A Wind Guard** which can be readily adjusted for any length of grain is provided with each Binder.

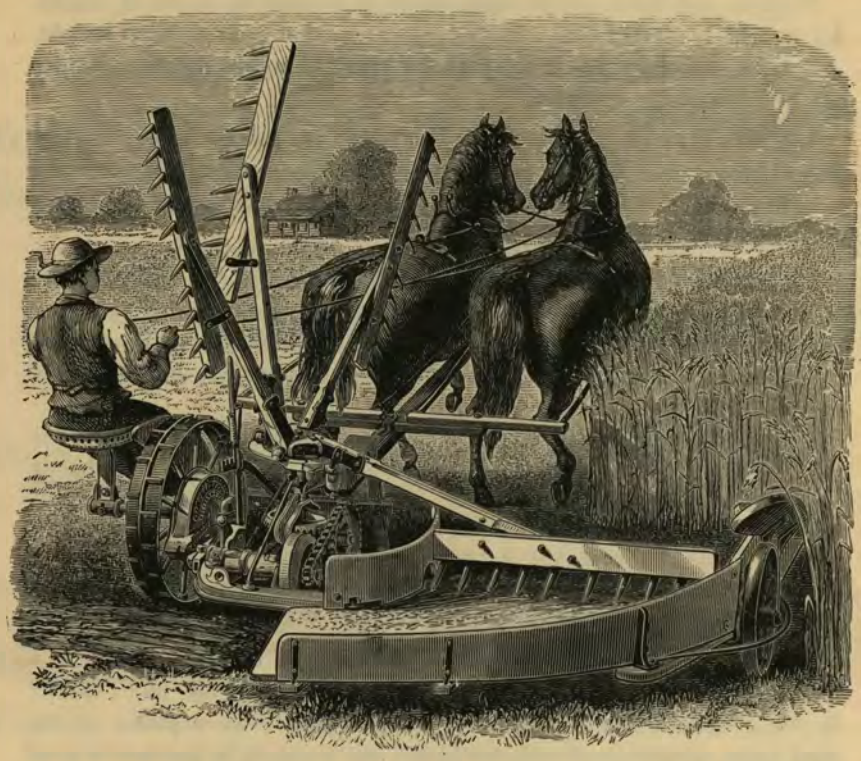
**A Bundle Carrier** is furnished when desired, at a moderate price, and can be easily attached to the machine by the purchaser.

**Durability.** Our Binder is constructed with our usual great care in workmanship, and in selection of the **material best adapted for the use to which it is put.** The Finger-Bar is **cold rolled** angle steel, shafts are **steel, malleable iron** is largely used, and **brass composition** for bearings where desirable. Last, but not least.

It is, however, not owing to careful construction only, but to the **simplicity** of the **Adriance** and the **slow movements** of all working parts, and **its lightness,** which saves much strain and wear, that the **Adriance** is proving the **most durable of binders,** and the **most economical** as well as the **best.**

## Our Reapers

**Read about Both.** Are the **Adriance** and the **Adriance Triumph.** Both are built with the same careful attention to correct mechanical principles, excellence of material, and workmanlike construction, always employed by us.



# The Adriance Reaper,

Invented and developed by us in a locality where is grown the greatest variety of crops, and where the most various and severe requirements are placed on a reaper: won its reputation as the **Best of all Reapers.**

Perfectly balanced, simple, strong, of light draft, and easily operated; the **Most Serviceable and Reliable** for **satisfactory work in all crops in any condition.**

Owners use it largely as an **ensilage harvester,** for which its thorough bracing, large platform, and long rake-arm renders it **better adapted than any other reaper.**

**A Firm Foundation.** **The Solid Frame** peculiar to the **Adriance** supports the gearing, shafting, Raking apparatus, Cutting apparatus and Platform. **Two bearings are provided for each shaft,** and shafts and gearing are well covered and protected. The **Rake Standard** is securely braced and furnishes two bearings for the upright shaft carrying the Rake Arms.

The **Platform** is exceptionally well made, and rigidly supported by the

frame well back from the Finger-Bar, is carried steadily and prevented from sagging or dragging at the rear in turning or backing, a fault common in other reapers. The **Driving Wheel** is large and **free from gearing.**

**The Widest Range of Work,** in height of cut, and freedom to tilt without change in the relative position of parts, or in stroke and line of pitman, are secured by use of our novel **double crank axle** connecting the Driving Wheel and Frame. Goes to all lengths

The **Grain Wheel** is nearly in line with the Driving Wheel, rendering the Reaper **easy to turn** and hold up to its work on side hills.

The team has ample room and a **full swath** is cut without crowding.

**The Cutting Apparatus** has the **perfect shear cut** as described for our Mowers. The form of guard finger is changed to perfectly adapt it to the difference in work, and the Finger-Bar is of cold rolled angle iron. Either smooth or sickle-edged scythe may be used. Good as for a Mower.

The **ease** of removing the scythe is noticeable, as the operation is so difficult on many reapers.

The Cutting Apparatus is in line just forward of the driving wheel axle, the most favorable position for passing through ditches and over obstructions.

**Our Automatic and Controllable Rake** can be set by a convenient lever to **automatically** deliver the gavel by either every second, third, fourth or fifth rake. At the same time the driver by a trip operated by his foot, controls and varies the operation of **any arm** at pleasure; using it either for **reeling** or **raking,** and delivering the gavels **at will.** The moment the operator ceases to control it, the Rake **resumes** its Automatic action as it may be set, beginning again its **count from the last arm operated as a rake.** The serviceable size of the few parts in our "Counting device" is notable as indicating durability. Just as you please.

In most of the so-called controllable or automatic rakes, although they lack the simplicity and durability of our device, a rake once allowed to pass as a reel, the gavel must be carried until an arm set as a rake comes around. Note the superiority of the **Adriance.**

**A Perfect Gavel.** The **Adriance** embodies every feature and adjustment for securing the most perfect gavel possible in any kind or condition of grain. You can get it.

**The Rake Gearing** is located on, but high above the frame, with careful reference to securing the best relation of the Rakes to the platform, both in approaching and leaving it. The exceptional distance from the cutting apparatus avoids danger of winding up long or leaning grain.

**The Rake-Arm** is exceptionally long, and thereby a great sweep is given the rake-head, which, with our carefully adjusted relation of rake motion to Finger-Bar, secures the best reeling of grain on to the platform.

**The Speed of the Rake,** size of gavels and distances of delivery may be increased or diminished as peculiarity of team or of crop may require. This is unusual.

**The Tilting Lever** is close at the right hand of the driver and quickly operated **while in motion.** A single movement, tilting the frame, adjusts the platform for low cutting, and causes the rakes to sweep to the ground well in advance of the guard fingers, lifting to the cutters and platform straw which is lodged, tangled, or lying in the direction of advance.

**Our Deep Platform,** with long sweep of the rake over it (which may be varied for side hill work), causes the grain to be fully turned and **well straightened,** and with the **proper relation** secured between the rakes and delivery edge of platform enables us to deliver the gavel **with well squared butts, and in good shape for binding on any ground.**

Greatly assists.

**Well Balanced.** **Folded or at work,** the machine can be **perfectly balanced,** and is free from weight on the pole and necks of the horses.

**Portable.** The cut below well illustrates the portability of the **Adriance.** It can be more **quickly, easily** and **compactly folded** than any other reaper.

Fine for Winter Storage.

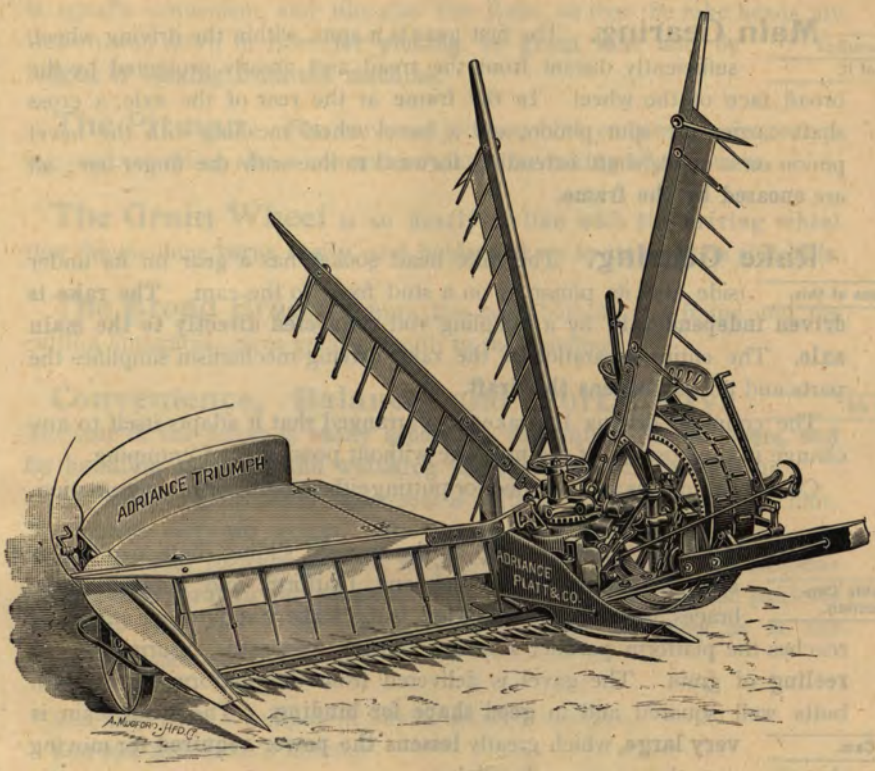
One Rake Arm and the Inner Divider, the **only pieces** removed from their places for folding, are securely carried on the machine, as shown in the cut. The seat and supports can also be folded, and **four feet is the extreme width** when fully folded.

ADRIANCE REAPER ON THE ROAD.

## The Triumph Reaper,

Better than ever before.

which has won all over the world an **enviable reputation** in its class of Light Reapers, for **excellence of work, convenience of handling,** and even to a more marked degree for **light draft,** has been purchased and remodeled by us. Built under the same system employed in our other manufactures this machine will hereafter be known as the




# The Adriance "Triumph" Reaper.

We build it in **two styles**—a **Folding** Reaper and a **Non-Folding.** The same description answers generally, but special features of either style will be referred to.

A good beginning.

**The Main Frame** is of steel and cast iron, combined to secure in a **light construction the necessary strength and stiffness.** The cast iron portion is close at the grain side of the Driving Wheel. The steel portion passes around the stubble side of the Driving Wheel, so that **a bearing is provided for the axle on both sides of the wheel,** and axle and frame are mutually supported and stiffened.

**The Cutting Apparatus** is located as in the **Adriance:** construction is practically the same, and it is made in the same thorough manner already described.

**The Finger-Bar** of angle steel is backed by another of ash, which carries the platform, and is supported at its inner end on a bracket affixed to the lower end of an upright sliding shaft. This standing shaft connects the cutting apparatus to the frame by passing through two bearings thereon, and provides by its movement up or down in these bearings for a **great range in the height of cut,** controlled by a lever hereafter described.

**Main Gearing.** The first gear is a spur, within the driving wheel, sufficiently distant from the tread and greatly protected by the broad face of the wheel. In the frame at the rear of the axle, a cross shaft carries the spur pinion, and a bevel wheel meshing with the bevel pinion on a crank shaft extending forward to line with the finger-bar; all are **encased by the frame.**

Little of it.

**Rake Gearing.** The rake head socket has a gear on its under side and its pinion is on a stud fixed to the cam. **The rake is driven independently** by a coupling rod **connected directly to the main axle.** The entire separation of the rake driving mechanism simplifies the parts and greatly **lessens the draft.**

Still less of this.

The coupling driving the rake is so arranged that it adapts itself to any change in the position of the machine without possibility of cramping.

Convenient means are provided for putting either scythe or rake into action.

**The Rake.** From the top of the upright sliding shaft, two braces are fixed to the Finger-Bar and Platform, and between these braces, **thoroughly supported,** is the Rake Standard. Each Rake reaches the platform parallel with the Cutting Apparatus, insuring proper **reeling** of grain. The gavel is delivered from the platform cleanly with butts well squared and in **good shape for binding.** The Rake cam is **very large,** which greatly **lessens the power required** for moving the rakes over the curves and switches.

A Notable Construction.

A big Cam.

**Rake Heads.** The **rake heads are very deep,** with long teeth partly covered by a beater board, a construction which prevents long or tender grain from winding. An extended end of the Rake arm clears the outer divider, and a spring tooth at the outer end of the Rake presses closely against divider and verge board, insuring a **clean delivery** of the gavels.

The **Adriance "Triumph"** is particularly successful in cutting flax or clover seed.

**Our Automatic and Controllable Rake,** as used on the **Adriance Reaper** and described on page 25, has been adapted also to the **Adriance Triumph;** it meets perfectly every requirement. For swathing grain, or cutting ensilage, or sowed corn, all four rake heads may be set to deliver automatically.

A good thing, we extend its use.

**Convenient Levers.** A lifting lever close at the driver's right hand enables him on the **non-folding** machine to raise or lower the platform **at the grain wheel and inside simultaneously,** or when cutting a close stubble to raise it over an obstruction. On the folding machine the outer end of the platform is adjusted by a crank.

This is fine.

The Tilting Lever for changing the pitch of the platform and dividers is equally convenient, and tilts also the Rake, so that the rake heads are thrown well down in front **for picking up grain that may be lodged or leaning from the machine.**

Gathers it in.

**The Pitman.** Has universal joints at both ends to prevent cramping, and providing also a convenient means for **taking up any wear.**

**The Grain Wheel** is so **nearly in line with the driving wheel** that the machine **turns easily,** and **holds well up to its work on side hills.**

**The Broad Bracing** from the pole, both to the frame and the cutting apparatus, gives great strength to the machine.

**Convenience, Balance and Portability.**

All Good.

The seat of the driver is **easily accessible, convenient for all levers, and for handling his team and watching the operation of the machine.**

The weight of the driver in the seat is adjusted to balance the machine. The horses carry no weight. The extreme width of the Reaper, is in operation about 10 feet; the seat may be removed to so that the machine **easily passes through narrow gates.** On the Folding Reaper the platform is readily sustained in an upright position much the same as on the **Adriance.** See cut on page 26.

You **may** make a mistake in buying another machine.

You **can not** make a mistake in buying any machine bearing the name of **Adriance, Platt & Co.**

Sure.

### Every Machine we Manufacture is Warranted

Full and Fair.

To be well built, of good material, and durable with proper care, and capable of doing good work in every place where any machine of the same class, Mower, Reaper or Binder, can be successfully operated.

Should the machine fail to work properly when started, the purchaser must give immediate notice to us and our agents, and allow time to send a competent person to put it in order, the purchaser to render friendly assistance and give the Machine a further and impartial trial. If it cannot be made to work well, the purchaser agrees to return it at once to the Agent from whom he received it, and any payment that has been made will be refunded, or a perfect machine will be given in its place, at the option of the purchaser. Continuous use of the Machine, or at intervals through harvest season, or failure to notify as above, or to return the Machine as agreed, shall be deemed positive acceptance of the Machine by the purchaser.

ADRIANCE, PLATT & CO.

# Sizes of Machines.

Make your Choice.

**The Adriance Buckeye Mower, Style H,**

is built with either

**4 feet 3 inches, 4 feet 6 inches, 5 feet, or 6 feet Cut.**

**The Size C, for One Horse,**

**is built with either 3 feet 6 inches, or 4 feet Cut.**

**The Adriance Rear Discharge Binder, 5 feet Cut.**

**The Adriance Rear Discharge Binder, 6 feet Cut.**

**The Adriance Light Draft Reaper, 5 feet Cut.**

**The Adriance Triumph Reaper, 5 feet Cut.**

# Extras Furnished with Machines.

MOWERS are furnished with Two Complete Scythes, BINDERS or REAPERS with one Scythe and one Sickle (or with two of either if so ordered), and every Machine with Two Extra Knife Sections, Two Extra Guard Fingers, Screw Wrench, Punch, Cold Chisel, Oil Can, Bolts, Rivets, etc., and Whiffletrees and Neck Yoke.

# Repairs.

Take Care.

**Convenience and certainty of procuring fixtures for repairs** are very important points for a farmer to consider when selecting a machine.

Supplies of our extras are kept at Branch Offices and General Agencies, and at several hundred depots located in every part of our territory, and it is an indisputable fact that for no other machine can fixtures be as easily and surely procured.

## Beware of Spurious Fixtures.

Beware.

Do not purchase **imitations** of our Knife Sections, Guard Fingers, or other fixtures. **They are all inferior** to our manufacture, which are not only of the **best quality,** but **sure to fit.** It is impossible **to do** good work with a poor cutting apparatus; see that all sections you purchase are stamped A., P. & Co., and packed in boxes with our name on label.

For further information address our most convenient Office or Gen'l Agency.

See list on inside of front cover.

# Binding Twine.

Save Your Money.

It is **not** economy to purchase that **twine** which is offered at the **lowest price.** Inferior twine causes delays and **loss in the field** far outweighing the additional first cost of a good article.

# The Adriance Twine

Every Time.

Can be **relied upon** as being just what it is represented to be, **Strong, Uniform, Full Length, Full Weight.** The best in every respect.

Each ball of twine has our tag and marks.

The **four grades** are

| PURE FIBERS. | MIXED FIBERS. | |
|---|---|---|
| **PURE MANILLA,** | **MANILLA MIXED,** | A. P. M. |
| **PURE WHITE SISAL.** | **STANDARD MIXED,** | A. P. S. N. |

**Buy our guaranteed Twine.**

Be safe.

# Extra Parts.

## Triumph, Clipper (Morgan's), Seymour.

**NOTICE TO THE TRADE.**

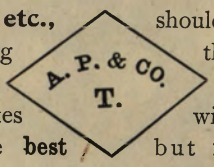
You can get the goods.

Having purchased from D. S. Morgan & Co., of Brockport, N. Y., all their interest in the Reapers, Binders, and Mowers heretofore manufactured by them, together with patterns, etc., we **keep constantly on hand** Extras likely to be wanted for all machines made by them for the last **twenty years.**

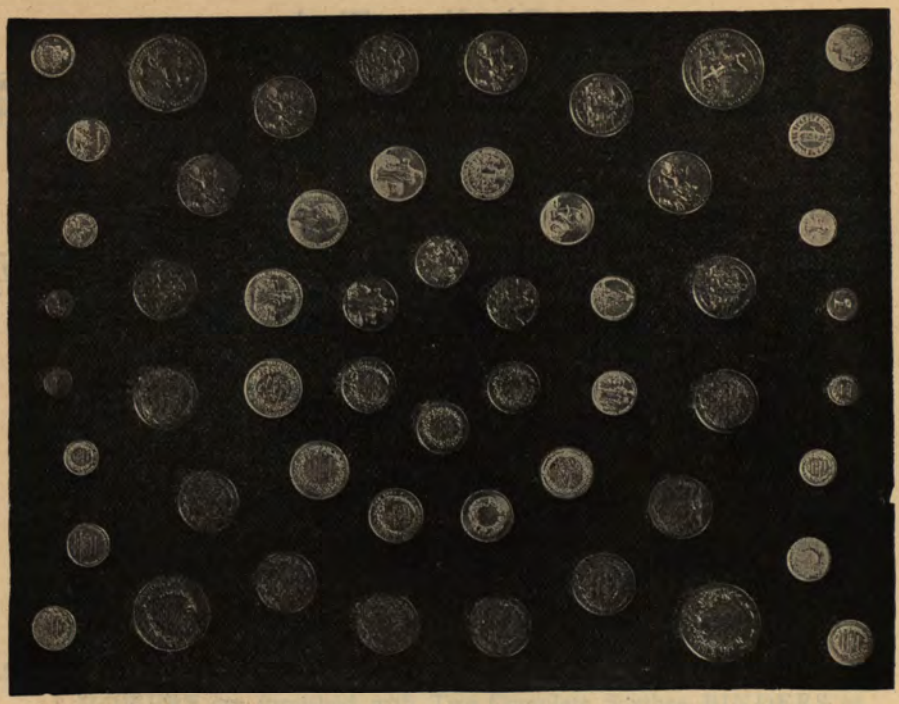
Careful attention is always given to orders, and any part **correctly ordered** can be **promptly shipped.**

These Extras may also be found with our agents, or former agents for the Morgan Machines, or can be ordered by them, and parties wanting anything to repair machines will do well to call on these agents nearest them before writing us or our nearest General Depot. See list on inside of front cover.

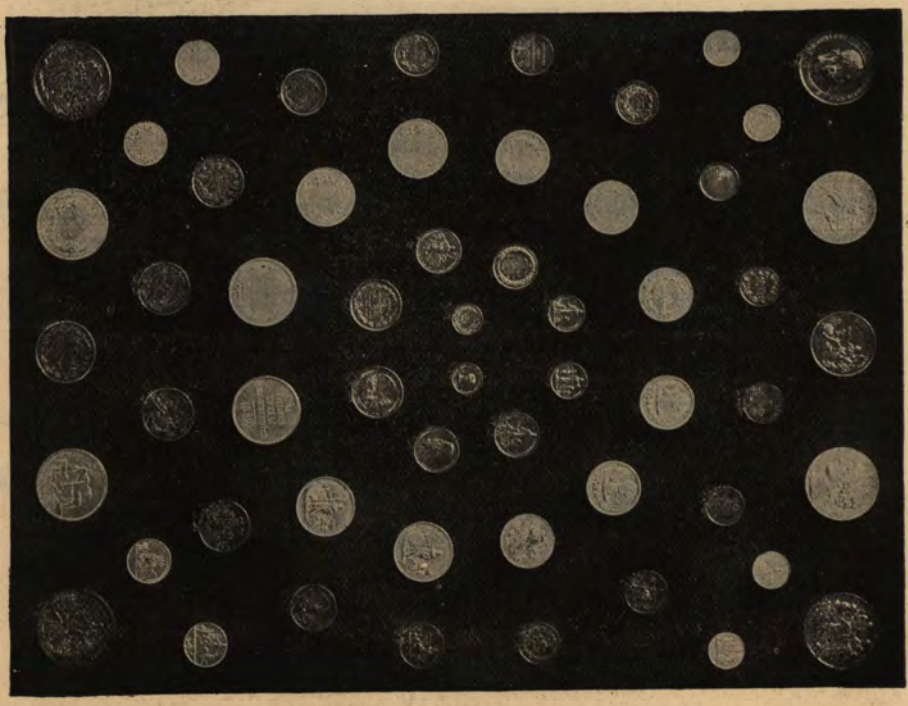
**Sections, Scythes, etc.,** should be ordered from us, or you should insist upon having those of our manufacture. **Sections** of **our make** for **Triumph** Machines are stamped and packed in boxes with **our name on the label.** They are not only the **best** but **more economical** in use.




**ADRIANCE, PLATT & CO.**



PRIZE MEDALS—TROPHIES OF THE FIELD.



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# "FIRST HONORS"

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by our Machines, preclude by their number, specific mention. This, and the opposite,

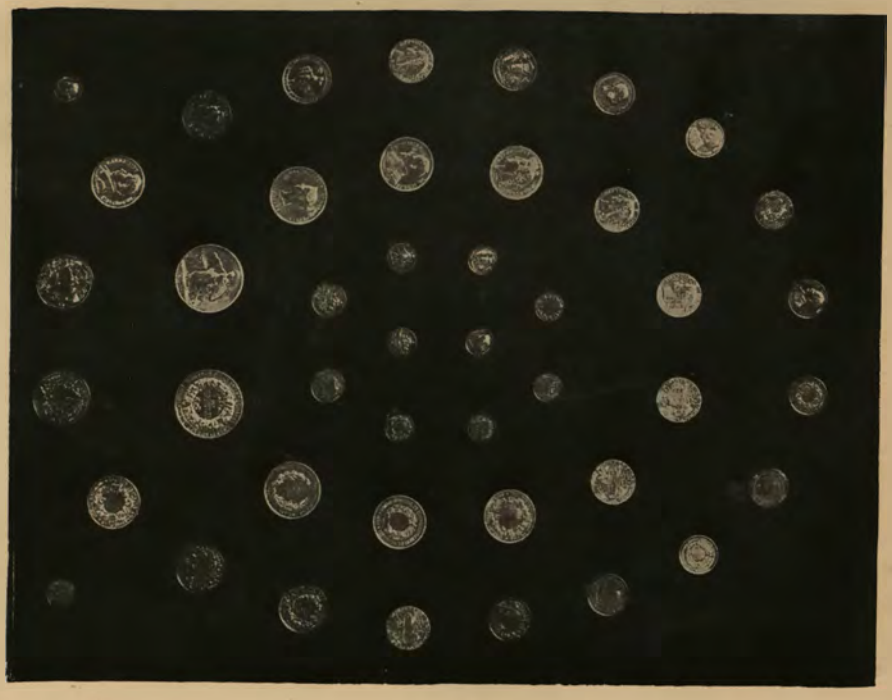
**Photo-Engraved Pages,**

give an intimation of a portion of them represented in

**GOLD,**

**SILVER, AND**

**BRONZE.**



# ADRIANCE PLATT & CO.

POUGHKEEPSIE, NEW YORK, U.S.A.