

THE

ASTERLY

LIGHT DRAFT

TWINE BINDER,

MANUFACTURED
BY

CEC ASTERLY & SONS



WHITEWATER, WI



THE • ESTERLY •

LIGHT DRAFT

TWINE.

BINDER.

MANUFACTURED BY

GEO. ESTERLY & SON,

WHITEWATER, WIS.

1883.

ESTABLISHED 1844.

REGISTERED TRADE MARK.

INTRODUCTORY.

In presenting our Annual Circular for 1883, we desire to express our thanks to the farmers of the grain growing sections of the country, where we have introduced our Binder, for the very liberal patronage given us in the past, and hereby assure them that we shall continue to try and **deserve to merit** their favors by building the **best Binder on wheels.**

PLEASE REMEMBER

we have been through several harvests with our Binder, which has given us the benefit of an experience in all the varying conditions of grain that can well be imagined in nearly all the grain growing sections **east of the Rocky Mountains.**

IT HAS BEEN OUR AIM

to watch closely every detail of its work to find where any improvement could be made that will lessen the liability of annoyance to the farmer by derangement or breakage of parts.

STARTING OUT

with the Appleby Binder as the base, we have been constantly striving to **simplify and strengthen** the essential working parts so as to prevent, as far as possible, the delays occasioned by "giving out" just when time is most valuable.

FOR THE HARVEST OF 1882

we dispensed with the plunger bolt and all its complicated connections (12 pieces in all), and put in their place a simple cam and roller which performed the work much more easily and positively.

OUR COMPETITORS

(some of them) laughed at the idea and said it was "no good," that it was "too simple," "would not last," etc., etc. To show what good prophets these wise men were—we will say that, of the thousands put into the field in 1882 we have **yet to learn of one single failure.**

ON THE CONTRARY

we have the most convincing proof of its most **remarkable durability.**

Notwithstanding the fact that we worked several of them through the harvest of 1881 without breakage or failure, we were especially desirous of finding what particular part would be most likely to give out, or require repairs. **To do this**, we set one up in our Shops and attached a belt to it March 7th, and run it at a speed of 20 revolutions per minute, **10 hours per day for three months**. We then shipped it to Rushville, Ind., where it made a harvest of 125 acres on the farm of John Cavitt, after which it was returned here and placed on the farm of Geo. Bromely, on Heart Prairie, in this county, where it made a harvest of 125 acres more. **This same Binder is in our Shops to-day without a bolt, nut, screw or spring changed** from what it was when first put in operation in March last, and **shows no perceptible wear**. We can see no reason why it will not do the work of **several more harvests without repairs**.

REASONS WHY THE "ESTERLY" STANDS SO FAR AHEAD — OF — ALL COMPETITORS.

WE FIRST STARTED OUT IN THE HARVEST OF 1880 WITH NEARLY THE IDENTICAL BINDER THAT OTHER MANUFACTURERS ARE USING FOR 1883.

While they have kept in the "**same old ruts**" we have taken out some half dozen patents of our own (covering 50 or more claims) and have applications filed for as many more.

To make all these improvements, and to thoroughly test them, has not only cost us time, but a large amount of money.

We have adopted no improvement that has not been **shown to be an entire success in the field**—which improvements, and **Our Patented Claims** on the Harvester and Binder, are too numerous to mention in detail; we will, however, name a few of the more important ones.

The Raising and Lowering Device, (Our Patent) whereby the driver can, with one lever, raise, and lower the *entire machine*, and at

the same time, with it and the tilting lever, fairly "shave the ground" or cut a stubble nearly two feet high, if desired, is a novel feature and of great practical value.

The Tongue is braced (manner of bracing—Our Patent) from both sides with strong iron braces, and so placed as to allow the sickle to cut a full swath without any side draft. It is also so arranged that by removing one bolt it can be swung up out of the way, allowing the machine to pass through ordinary "gate ways." This is especially important to those who use trucks for hauling machine.

The Adjustable Reel (Our Patent) is unequaled by anything heretofore used. Placing the driving chain between the seat plank and elevator prevents any winding of straw.

Double Iron Truss Braces. Our Elevator Frame and Platform Frame are held in position by Double Iron Truss Braces, so that it is impossible for them to be broken or to get out of square. Therefore our canvas rollers are always parallel with each other, hence canvases always run true.

The Canvas Adjuster (Our Patent) at each end of the bundle enables the driver to manage the grain much better than it can be done by a single adjuster, and with greater ease than when he has to move the whole binder, which throws the machine out of balance.

Our Drive Wheel, which is larger than any other, is of the same style as we have made for over twenty years, and has been adopted by many manufacturers of portable and traction engines, and is a model of strength and durability, with a *heavy tire welded and shrunk on*. It never falls down by loosening of the "tension bolts," as is too often the case with other styles of wheels.

The Main Gear on Drive Wheel is put in place after the spokes are faced down on a lathe, and consequently the gear is always exactly at right angle with the axle, and perfectly true.

The Main Driving Shaft is in Two Parts, (Our Patent) coupled together with ring and pin, same as a tumbling rod to a threshing machine, and works in an *adjustable box*, so there can be no cramping or binding of shaft in the boxes.

The Levers, namely, the reel lever, the tilting lever, and the raising and lowering lever, are all long and within reach of the driver so that without moving from his seat he can adjust the reel, raise or lower the machine, tilt the guards for lodged or tangled grain; all of these operations being performed *more easily* than on any other self-binding harvester made.

Adjustable Spring Elevator.—The lower roller in our upper elevator is attached to spring levers, allowing the upper canvas to raise

and fall in proportion to the quantity of grain being carried up, hence it cannot clog or choke up.

The Cutter Bar is made of Heavy "L-Shaped" or Angle Iron, requiring no wood to support it, or to rot or warp. By its use we can cut **closer to the ground than any other harvester made**, and at the same time run our platform canvas within one quarter of an inch of the guards. Our Cutter Bar not warping or twisting, holds the cutting edges of our guards and sickle in one and the same straight line, thus doing the cutting most easily. **Special attention** is called to this Iron Cutter Bar as it is one in which intending purchasers are very liable to be mislead.

We were the first to make the complete bar of angle iron, and it at once became so popular that other manufacturers found themselves obliged to adopt one, but **none of our followers** have, as yet, put it in as good form as we are using it.

Not one of them can cut as low in **badly lodged and tangled grain** as can the Esterly. This is owing to the manner in which the floor of platform is attached to the bar, and by the method of attaching the guards.

Also remember that no sway bar movement for sickle, or "center cut" harvester can get as close to the ground as a **front cut**, like the Esterly, owing to the thickness of the platform. Examine this feature closely and you will see that the Esterly can cut from $\frac{3}{4}$ to $1\frac{1}{2}$ inches closer to ground, in badly lodged or tangled grain, than any other.

The Platform Canvas runs close to the sickle, instead of having a space of three or four inches for the grain to drag on the cutter bar, and thus cause it to go "head first" to the elevator and binder, as in other machines, thereby making it possible for our machine to cut and elevate the shortest straw in good manner.

Our Device for Holding the Binder is very simple and strong, and allows the binder to be moved forward or backward, when necessary, very easily and readily without the aid of complicated machinery.

The Plunger Bolt, with all its complicated connections, as used on **all Appleby Binders except our own**, has been dispensed with (12 parts in all) and a simple **Can and Roller** (Our Patent) substituted, which has proven to be one of the **most important improvements** made in binders since their first invention.

The Swinging Disc, as used by us, (Our Patent) is positive in its operation and lessens the liability of breaking twine.

The Tripping Device (Our Patent) moves in the same direction

in which the bundle is discharged, and never trips prematurely, nor makes smaller bundles than it is set to bind.

The Knot-tying Device, (Our Patent) embraced in Knife Arm and Knotting Hook, has been so simplified that it astonishes even experts to see how few parts are required to perform the work.

CLOGGING.

The Sheet Iron Over Deck (Our Patent) is so shaped and held in position that the grain is always brought within reach of the Packers and the Binder "**cannot be clogged**" by the raising of the deck, as is the case with all others.

The Needle. Those who are familiar with binders, are aware that the end of the needle from the point, back for three or four inches, is a little "inside of a **true circle**," the result of which is that it acts on the principle of a cam, and pushes the grain up into the recess in the breast plate and "chokes" and "clogs" the machine, especially in green and tangled grain.

The Esterly Needle is made a little "outside of a true circle," and **opens its way** through thick bunches of grain and lessens the liability of "clogging."

The Under Deck (Patent applied for) is so shaped that as soon as the bundle is bound it is discharged freely and with little or no extra labor of the discharge arms.

PLEASE READ THIS CAREFULLY.

Every man who has had experience with binders, knows that the greatest strain on the machine, and on the team, in the old style of binder, is just as the bundle **is being discharged**. Many experts claim that in green and badly tangled grain, the labor of discharging the bundle is equal to **one horse power**. This arises from the fact that the throat through which the bundle must pass is **smaller than the space in which it is formed**, and consequently it takes power to force it through. In the New Esterly, the **throat widens out** from the point where the bundle is formed, so that when the bundle is bound and twine cut it will almost **fall out of its own weight**.

Three Discharge Arms (Our Patent) are used on our binder instead of only one or two as used in other binders. Three prevent the dragging of bundles even in badly tangled grain. In fact ours is the only binder that will properly separate the bundles in tangled grain.

Forty-seven distinct parts have been removed from the Binder and only seven pieces substituted to perform the same work, thus making **the most simple** Binder known.

The Slack Lever, with its pivot, roller, string guides, etc., etc, has been removed, and the **twine carried direct to the Needle**,

through our **new tension device** (patent applied for), which is the admiration of all.

The "**Tucker Finger**," which has always been a source of annoyance, has also been dispensed with, and our new **patented Knot Hook** substituted therefor, which has lessened the chances of "breakage" and "**missing bundles**" to almost an impossibility.

TIGHTNESS OF BINDING.

In doing away with the Tucker we shorten the "slack" in the twine, so that we **bind tighter** with the same tension on the cord **than any other Appleby Binder made**, for the reason that the Tucker always pulls at least $1\frac{1}{2}$ inches of cord down behind the Knife.

It is so simple and plain in its construction and operation that it does not require a mechanic to understand it, and the aid of an expert is rarely required.

As a whole, our Machine is light in weight, compact in form, artistic in design, and superior in finish. It has been thoroughly tested for the past three years **in the harvest fields of eighteen States** and Territories from Texas to Manitoba, and from the strong commendations it has received from agents who have sold, and farmers who have used them, we offer it to the public for the coming season of 1883 with the utmost confidence that it **stands without a peer** among the many binders now manufactured.

In the above we have given a brief description of our Harvester and Binder, but to fully appreciate it, it must be seen and examined. And we cordially invite any one designing to purchase a Binder to visit our nearest agency, and, with this description in hand, look over the Esterly "point by point" as herein set forth, and then compare it **point by point** with any and all others made, and decide for yourself whether the claims we make are not "well taken."

WHAT IS WANTED

is a binder, with which there is a **reasonable certainty**, that with reasonable care, you can go through your harvest without delays and annoyances. **You want a Binder** that will cut and bind in a "workmanlike manner" such crops as you raise, that are usually cut with a reaper or harvester, and do it

"WITHOUT ANY FOOLISHNESS."

Such being the case, if you buy a New Esterly you will have **just that kind of machine.**

In verification of this, we invite you to **read "Testimonials of Dealers"** who have had experience with different kind of binders, and see what they think of the Esterly.

We have a large number of Farmers' Testimonials that have come to us unsolicited, but in looking them over, we hardly know where to begin and where to stop, as to publish **all of them** would be too cumbrous. Hence we have decided to publish those from

DEALERS ONLY,

believing that all will appreciate that the **experience of a dealer** who comes in competition with several kinds of binders, **is more valuable** than that of a person who is acquainted with only one.

AND RIGHT HERE

we desire to **emphasize this fact**, That these letters were received, before we had renewed a single contract for 1883. Hence, it cannot be said that the parties making them were influenced by the possibility of furthering personal ends. And furthermore, we hereby cordially invite any one who is interested to write to any or all of those whose names appear in these testimonials, and get, over their own signature, a verification or denial of the statements therein contained.

FIELD TRIALS.

We could fill a pamphlet of larger dimensions than we design to make this one, giving the history of field trials wherein the Esterly was

ALWAYS VICTORIOUS.

But will simply say, that in the hundreds of trials during the harvest of 1882, to which we were challenged, we have yet to know of a single one where the Esterly took second place.

We ask you to read, carefully, these "Letters from Dealers" who have been through the harvest—some of them through two or three—and

NOTICE THIS FEATURE.

That a large proportion of them went through the harvest **without the aid of expert help.**

It is a fact, that, while many of our competitors were obliged to **keep an army of experts** at work, to keep their machines going, the Esterly was working right along—"running alone."

Hoping you have taken the time to post yourself thoroughly on the merits of different machines, in the light of what is said in this circular, we are

Yours truly,

GEO. ESTERLY & SON.

PLATFORM BINDERS.

As there is a great deal being said in regard to "low down," or Platform Binders, we have thought it would not be out of place to suggest some of the difficulties in the way of their becoming a successful machine.

The idea is by no means new, as it has been tried for many years, and, for several years, it has been heralded as the "coming machine," especially **just before harvest**, but, as harvest progressed it has always been found that they needed just "a little further improvement," and, in this way, **experiments** have been going on year by year, and yet they have not been proved a success.

A few of the difficulties that have been encountered from time to time, and not yet overcome, and some of the claims made, that have not yet been realized, are :

1st. It requires as much, or **more machinery** to operate them as an elevating Binder.

2d. It requires as much or **more power to work them.**

3d. **Locating the Binder** between the wheels increases the tendency to **side draft**; whereas, in an elevating Harvester, the binder is outside the drive wheel, which helps to balance the strain on the platform and lessens the tendency to side draft.

4th. **Getting the grain** to the Binder. Every one who has had experience "in the field" knows that the **complete success** of any self-binder depends upon the "shape" the grain reaches the binder, and that on the manner in which the grain is "handled" on the way from the platform to the binder depends the neatness and success of the binding operation.

In a "Platform Binder," the short space, or no space at all, between the platform and the binder, makes it **impossible** to make as **good a shaped bundle** in any kind of grain, as an elevated Binder.

5th. **Disposing of the bundle.** The difficulty of disposing of the bundle has **always been in the way** of success in a Platform Binder. It is a well known fact that ever since binders were first made—dating back to the introduction of wire binders—the problem of discharging the bundle has not been one of easy solution, and has **never been a complete success**, in all kinds of grain, until the invention of the

Esterly, with its three discharge arms. Now, then, if that has been in the way of complete success for so many years in an elevated binder, where there is an incline of 40 to 50 degrees to aid the packers in forcing it down, what may be expected of a binder with which it is attempted to do the binding on a level with the platform?

Among other things, a "low down" binder is so very low, that if it happens that any of the mechanism becomes deranged, it must be very "unhandy" to get at it for the purpose of repairs, while its close proximity to the ground would seem to render it more liable to accumulate dust and dirt, and consequent derangement, than an elevated Binder.

FINALLY.

The difficulties named above does not prove that a "low down" Binder cannot be made a success. They only show that it has not yet been proved so, and that there must yet be many more trials before success is assured.

It also shows that any farmer investing in one, simply **invests in an experiment**, at least for the present.

LETTERS FROM DEALERS.

WRITTEN BEFORE ANY CONTRACTS FOR 1883 WERE MADE.

Geo. Esterly & Son, Whitewater, Wis.

South Bend, Ind., Aug 16, 1882.

Gents: Our sample machine, the only one we were able to dispose of, was a success, cutting 160 acres of heavy grain without the help of an expert.

D. WARNER & SON.

Geo. Esterly & Son, Whitewater.

Greenfield, Ind., Aug. 16, 1882.

Dear Sirs: We sold 16 Binders and could have sold 12 more if we had had them on hand. We never saw anything do better work. We never saw a bundle tied with a Binder until this season. We set up all of our machines ourselves, except probably two, and there were 9 out of the 16 that never had an expert touch them. There is no doubt the Esterly is the best binder in the market. Everyone says it runs light, no side draft and easy to operate. Think we can sell two carloads next season.

Respectfully,

BOYD, HINCHMAN & CO.

Geo. Esterly & Son.

Denver, Ind., Aug. 14, 1882.

We sold nine machines and had no trouble whatever. Some of the machines we never went back to see after starting them. We had one expert with us two days. Outside of that we had no expert help, and would not have needed that.

Respectfully,

C. E. NOFTZGER & CO.

Geo. Esterly & Son, Whitewater, Wis.

Cambridge City, Ind., Aug. 10, 1882.

Gentlemen: We sold three machines. We never had an expert here longer than to set up the two first machines. The last machine we set up and started ourselves. We have never been out to fix a thing on any of the machines, and have heard nothing but praise from all the parties to whom we sold. We had a field trial with the Beloit, manufactured two miles below us, and completely wiped them out. The Esterly will have a boom here next year.

Yours Respectfully,

HOLDERMAN & CO.

Geo. Esterly & Son, Whitewater, Wis.

Rushville, Ind., Aug. 10, 1882.

In reply to yours of August 1st, in regard to success with new Esterly would say that I put out 35 and they needed no expert help and did not have five dollars worth of breakage on the entire lot, and from experience of my competitors I am free to contend that the new Esterly is the only Binder that unit will stay in adjustment, others requiring occasional or constant attention of experts to adjust disc or Plunger Bolts to prevent missing binding. The Esterly has always been to the front as to light Draft and the 1883 Esterly is the boss in down grain for reasons I need not explain. The amount of misrepresentation about the Esterly by my competitors induced me to put in a machine at each of the following places against the machines named, "the longest pole to knock the fruit." At William Alexander's against the Wood. Mr. A. cut twenty acres of very heavy wheat with the two machines and selected the Esterly on account of its light draft and perfect work, while the Wood was heavy draft almost constantly missing tying a large proportion of bundles and kicking it in a scattering condition being bad for binders following the self-binder. At William Brooks' against the Excelsior. Selected the Esterly because it was always in fix. Had to be constantly adjusting Excelsior disc plate and then could not prevent missing binding. Excelsior pulled much heavier, and could not cut as wide by one foot. At Alf. Clauson's, the Minneapolis would choke when the Esterly walked through easily. Selected the Esterly. At John J. Wilson's against the Osborne, which could not "hold a candle" to Esterly's perfect work. There is much kicking by some of these agents that were so glad to get the Esterly into close quarters. This unanimous selection of the Esterly as a result of the farmers' experience has much more significance than 100 field trials when each binder has from one to ten experts following, after which each Company with mammoth head lines claims a victory.

Respectfully,

J. B. KENNEDY.

Geo. Esterly & Son.

Napoleon, O., Aug. 12, 1882.

We wish to relate an incident which we consider remarkably good, concerning the Birder sold Charles Worden. He had his Binder out in the field, and one day recently quite a number of young men went out to see it. One got on the seat to see if there was any weight on the horses' necks. So while he was on the seat he said to the boys that they might take hold of the binder and pull it, that he was ready to cut. One took hold of the tongue and three hold of the singletrees, and commenced to pull, and to their surprise they cut and bound eight bundles before they stopped, and said if they wanted to they could have pulled it clear around the ten-acre field. To this we have quite a number of witnesses.

Respectfully,
SHERMAN, HARMES & CO.

Geo. Esterly & Son.

Athens, Mich., Aug. 14, 1882.

As the harvest is over, and the victory won by the Esterly Binder, we have a word to say as to how it was won. Some of our farmers cut as high as 160 to 180 acres of wheat and did not make a call on us for help. We sold 12 of your Binders this season, being the first ever sold here. We had no Expert to help us, and needed none. In one case we sold our Binder for \$25 more than the purchaser could have bought a Minneapolis, and in another case for \$26 more than a McCormick, Wood or Champion. Mr. Smith cut about 90 acres of wheat, with no attendance but myself, and I was in town most of the time. One of your machines cut 12 acres of oats, and missed but one bundle. It is our firm belief that the Esterly stands at the head of the Binder family.

Yours truly,

CARPENTER & SMITH.

Geo. Esterly & Son.

Jackson, Mich., Aug. 6, 1882.

Gentlemen: I have sold four of the Esterly Binders this year. All done good work with heavy and badly lodged, and much more difficult to gather or we should not have required any Experts. We had one field trial with the Buckeye Binder and won the field. The Esterly has a good reputation wherever we have introduced it.

Yours Truly, GEO. KELLOGG.

Geo. Esterly & Son.

Carthage, Mo., Aug. 13, 1882.

We sold ten of your Binders this season, and they all gave perfect satisfaction. No Expert was required. We kept them running ourselves, and had no trouble. We had one field trial, where the Wood had taken the order, but the man became dissatisfied and wanted us to put a machine in the field. We did so and cut one half day. We sold our machine and made many friends for the Esterly, while the Wood was hauled back to town.

Yours Truly,
WALLACE & HECK.

Geo. Esterly & Son.

Vandalia, Ill., Aug. 16, 1882.

Dear Sirs: The machine sold to W. L. Larson was started by him without the assistance of an agent, and he used \$66 worth of twine this season.

Respectfully L. E. MOREY.

Geo. Esterly & Son.

St. Croix Falls, Wis., Aug. 15, 1882.

We sold four of your Binders this season, and the chances are we shall sell 15 or 20 next year. They are all working every day, and doing first-class work. Every one is pleased with their purchase. We started one yesterday and cut all the afternoon, it never missed a bundle.

Yours Truly,

AMERY & CHRISTOPHER.

Geo. Esterly & Son.

Donovan, Ill., Aug. 8, 1882.

Gents: I have sold four of your Twine-Binding Harvesters this season. It is the first of the kind that have ever been in these parts, and I had considerable trouble to get them introduced, but I think I can sell two carloads next season. All of the four machines have cut from 150 acres to 300. There was an expert here three days but it rained most of the time and all he did was to see that the Binders were set up all right. It was very wet the fore part of the harvest but they went through all right. I was talking to one of the men the other day. He says he would not take \$1,000 for his Self Binder if he could not get another. One man says he can make his do anything he wants to. For my part I think it is the best Binder in the market. I have had no trouble with the ones I have sold.

Yours truly, M. D. MYERS.

Geo. Esterly & Son, Whitewater, Wis.

Sullivan, Ind., Aug. 9, 1882.

Gents: We sold eight of your Binders this year and run them through mud and heavy

wheat and all of them have given the best satisfaction. We were called on to visit but one machine, and the farmer could not tell what had been the matter as it was working all right when we arrived. Next year you will need no Experts, all that will be needed will be to have the machines set up and started.

Respectfully,

BREWER & BURTON.

Geo. Esterly & Son, Whitewater, Wis.

Adrian, Mich., Aug. 10, 1882.

Gents: We take great pleasure in sending you testimonials for the Esterly after the unexceptionable manner in which it handled the grain this season. Nothing stands ahead of it here. Two men who bought Buckeyes said that if they were to buy again they would buy Esterlys. Two Wood men were dissatisfied, and a Minneapolis man lost his temper. All to whom we sold, and those for whom they cut are ready to give any amount of testimonials for its good merits. Notwithstanding the heavy grain the breakage on our six machines did not average over 50c a machine. We had an expert to help us start two days on account of the rush. The improved knotter, for simplicity and durability, is far ahead of anything yet out, which combined with the ease in handling the entire machine, and backed by a pains-taking and reliable company, convinces the farmer just as soon as he has seen it run that it is just what he needs.

Yours respectfully,

HIRAM SMITH & SON.

Geo. Esterly & Son.

Griggsville, Ill., August 9, 1882.

Gentlemen: In reply to your circular letter of 1st, would say I sold of your Twine Binders this season 57. They gave universal satisfaction. In several cases we never saw the machines after they were set up—the farmers started them themselves, and in one case, John Dirbin both set up and started his machine—we never saw it after it left the warehouse. The new cam arrangement to do away with the plunger bolt and its springs, &c., is a complete success, and is admired by all who have used it. It can no longer be called an experiment.

Yours Truly,

RICHARD PERRY.

Geo. Esterly & Son.

Union City, Ind., Aug. 9th, 1882.

Dear Sirs: We sold two Binders here this season, and we sold at the regular price. Had we cut on prices like some inferior machines we could have sold a good many more. One machine that we sold has cut 100 acres of wheat and 30 acres of oats, and looks just as good as when it started. One expert about an hour in the field is all the help we had.

Yours Truly,

HANEY & BUFFINGTON.

Geo. Esterly & Son.

Orrick, Mo., June 29, 1882.

Gents: I have started nine machines, all to men of the first rank in society and their paper bankable. The Esterly has the name of the Eureka here. I have found it at last—"The World Beater." Even my cousin, who has the new Osborne, says I have got the machine of the world.

Respectfully,

R. H. McWHORTER.

Geo. Esterly & Son, Whitewater, Wis.

Kendallville, Ind., Aug. 8, 1882.

I have two binders sold here, one of last season. They both gave the best satisfaction. Did not need an expert but once after the machine was set up, and that not to exceed an hour, and one we never went to see the farmer. It defies all other binders and I think there is no better in the market. I remain

Respectfully yours,

BENJ. HINKLEY.

Geo. Esterly & Son, Whitewater.

Centreville, Mich., Aug. 8, 1882.

Dear Sirs: We have seen Binders work but we never saw any work as yours have. We only sold two binders this season, but next season can sell lots of them. Everybody that saw your Binders work say they are the "boss."

LEHR & FREED.

J. H. Weed, General Agent, Jackson, Mich.

Portland, Mich., July 29, 1882.

Dear Sir: We scooped the McCormick and drove them back 12 or 14 miles. Give me the Esterly and I can scoop the world. Your Binders have made a record that will be hard to blot out.

Yours &c.,

G. W. ARMS.

Mr. Crandall, Gen. Agent, East St. Louis, Ill.

Ottawa, July 15, 1882.

Yours of yesterday received. Thanks for your interest in our behalf, but at present we need no help. Getting along finely with no trouble. The "Esterly" is the "boss." Another season will tell here.

Respectfully,

BOOTH & KENDALL.

W. O. Burdick, General Agent, Bellefontaine, O.

Lewisburg, O., June 25, 1882.

Dear Sir: Yours at hand asking us about our field trial. In reply will just say Victory! Victory! Hurrah for the Esterly!

We went into a field of the heaviest barley I ever saw in my life. Just as thick as the stalks could stand, green, down, and badly tangled. The ground was soft after the heavy rains, and the Esterly just waded right through, taking up every stalk, binding it solid, and making smooth, even sheaves of uniform size, and it. *Never Missed a Bundle.*

An Excelsior man cut barley in the same field last year, and every man who witnessed the working of the Excelsior last year, and the work of the Esterly this year agree in saying that "the Esterly is decidedly the best machine," and that it does the work so much better, and so much easier," that it leaves the Excelsior far enough behind among the things of the past, and gives in place a machine which can not be surpassed by the art and ingenuity of man.

Yours &c.,

W. D. SWARTZEL.

Geo. Esterly & Son, Whitewater, Wis.

St. Cloud, Minn., Aug. 17, 1882.

Dear Sir: I sold 25 machines up to date and have them all started in good shape. They are working like queens, giving the very best of satisfaction to farmers. I have had but one Expert with me most of the time. I have my machines a great ways apart from three to forty-five miles from my place of business, which requires a good deal of driving, but I had no trouble whatever, your machine is so simple. After showing a farmer once he can get along himself.

Truly yours,

NICK WEBER.

Geo. Esterly & Son, Whitewater.

Table Grove, Ill., July 7, 1882.

Gents: We have now fifteen machines all running this Harvest, making twenty Binders in the field this season and last. They are all doing most excellent work and not one of our customers is dissatisfied, but give the Esterly the praise for light draft and good work. Although the ground is very soft and the grain very heavy, the Esterly has run right through and did not have to pull into the fence corner as some other. Respectfully yours,

E. F. PORTER & BRO.

Geo. Esterly & Son, Whitewater, Wis.

Springfield, Ill., July 7, 1882.

Gentlemen: We have in the field a number of your Twine Binders, and although the ground is very soft, the grain rank and in many places badly tangled, they are doing excellent work and giving good satisfaction. Every purchaser of an Esterly speaks in highest terms of it. The machine is making a reputation for itself. Yours truly,

TROXELL & DuBOIS.

Geo. Esterly & Son, Whitewater.

Plymouth, Ind., July 10, 1882.

Dear Sirs: Started an Esterly to-day. It is needless to say that it worked like a charm.

Yours &c.,

BUCK & TOAN.

Geo. Esterly & Son, Whitewater.

Dunkirk, O., Aug. 8, 1882.

Dear Sirs: Your Binders have given perfect satisfaction. One was used on a marsh where the wheat was down and tangled badly. The Binder took it up better than a self-rake did which was working on the same farm.

Yours &c.,

J. EWING & CO.

Geo. Esterly & Son, Whitewater, Wis.

Fostoria, Ohio, Aug. 8, 1882.

I sold 9 Binders this year, every Binder to the entire satisfaction of the purchasers.

With regard to Expert help required there was not 10 minutes time spent on any one machine made in 1882, after the Binder was started in the field, and some Binders have never been seen by an Expert or even your agent since put up and started. Fifteen cents was the heaviest break we had. One man cut one afternoon 11½ acres of heavy wheat, missing binding two sheaves only. The machines I started myself I never touched a wrench, hammer, or any tool after the machine was started.

Yours truly,

I. W. NESTLERODE.

Geo. Esterly & Son, Whitewater, Wis.

Anderson, Ind., Aug. 7, 1882.

Sirs: We sold here at Anderson 14 of your Binders, and 3 at Frankton. Altogether they gave the best of satisfaction. There was not an Expert in the county, no other machine can say as much. We did not need them here. The Esterly will take the lead here next season. There are 5 or 6 men that want to sell them next season, if I do not, but I want it sure. Some of our customers say they would not take \$500 for their binder if they could not get another.

Yours Truly,

WATKINS & TAPPAN.

Geo. Esterly & Son, Whitewater.

Attica, Ohio, Aug. 8, 1882.

Dear Sirs: Permit me to give you an account of my success with the Esterly. I ordered one car-load of your binders for my territory, in which they were entire strangers, and with a poor prospect for wheat, made matters look a little discouraging. However when rye was fit to cut I invited a number of competing machines to assist in cutting a piece. The Esterly was on hand at the appointed hour, but the others failed to come, and the Esterly had to cut the rye alone but had the pleasure of making four sales in the field, and before harvest was over my carload of machines were disposed of. We did not have the assistance of a single Expert. The machine stood right by us and I expect a big trade another year.

Yours &c.,

GEO. W. ARMITAGE.

Geo. Esterly & Son, Whitewater, Wis.

Stillman Valley, Ill., Aug 7, 1882.

Gents: Your Harvesters & Binders have given the best satisfaction in this section. We have started five so far this season and have never been called upon to make a change or give them a minute's attention after they left our hands. Can truthfully say for honest work, light draft and well shaped, tight bound bundles we have yet to see their equal.

Yours truly,

POTTER & JOHNSTON.

Geo. Esterly & Son, Whitewater, Wis.

Peoria, Ill., Aug. 7, 1882.

Gents: It gives us pleasure to say, in reply to your inquiry, that we have gone through the harvest with your binders in splendid shape, and with less trouble than we ever had before since we commenced to handle binders. Our first experience with automatic binders was in 1864, and we have had more or less to do with one or more kinds every year since. This has been the only really satisfactory season we have yet had, and we have sold four times the binders we ever sold before.

As you know, we had but little help from you, and that only for the first rush of starting machines for the rye and wheat harvest. Since then we have been running the thing ourselves, and have sold and started fully one half our binders without the aid of expert help from the factory. This we believe to be quite exceptional, as we have observed that our competitors have had and still have at this late day, an abundance of help from the factory. It cannot be said that our lack of trouble was occasioned by our not making enough sales, as we feel confident our sales are second to none in the same territory, although this is our first season with your binder, and we did not take hold of it until very late.

With best wishes for the success of the Esterly next year and the assurance that you will have our best efforts for another big boom next year, we remain,

Very truly,

GEO. W. ROUSE & SON.

Geo. Esterly & Son, Whitewater, Wis.

Harvel, Illinois, Aug. 7, 1882.

Gents: We sold twenty-seven of your Twine-Binders and had splendid success with them. One machine cut forty acres and never missed a bundle. We had no experts. Every man his own. Machines took care of themselves and worked like clock work. We would say to all,—if you want to buy or sell, take the Esterly, for it works like a charm.

Very truly yours,

NELSON & ADAMS.

Geo. Esterly & Son, Whitewater, Wis.

Freeport, Ill., Aug. 16, 1882.

I have put out five of this year's machines and they have given the best of satisfaction. I have not had a particle of trouble with the working of the machines, and every customer speaks in the strongest terms of satisfaction as to the working of the machine, saying it cannot be too highly recommended. As to Expert help, I have not needed any on this year's machines. The last machine that I sold the party got it on Friday and said that he did not want to start the machine until the next Monday, and I was to send a man down out to see it started. The party lived about two t miles from here. On Saturday morning he went to work and started the machine, and I received a telegram from him that I need not send anyone until he sent for them as the machine was working all right, and he has never called for any help yet. I have seen the party and he says he can clean out any harvester in his part of the country.

Yours,

JOHN HART.

Geo. Esterly & Son, Whitewater, Wis.

Mount Carroll, Ill., Aug. 16, 1882.

Gents: Your circular at hand. We have sold five 6½ ft. Esterly Binders, all of which have gone through the harvest with good satisfaction to the purchasers and ourselves. After getting the machines started they required but little Expert help to keep them going. Two or three of these Binders have cut 200 acres of grain each, rye, wheat and oats—and in the

Geo. W. Esterly & Son.

Litchfield, Ill., Aug. 17, 1882.

We sold only four of your self-binders which gave the very best satisfaction. We only went twice to see them. One party told us that he had cut one hundred and seventy-five acres and that it had worked right along without giving them any trouble.

Respectfully,

SCHMITH & LOESCHER.

Geo. Esterly & Son, Whitewater, Wis.

Atlantic, Iowa, Aug. 17, 1882.

We have this year sold 16 of your Binders, all doing first-class work in every respect. Have had Binders running for three days without missing a single bundle. In fact it has beat any Binder running in this section as our last and this years sales have shown.

Had your expert, Mr. Keeler, here to look after the machines but very little help was required to keep them going. Several machines cut as much as 300 acres and a good many of them averaging from 18 to 23 acres per day. Hope to see your Mr. Leffingwell soon to contract for another season.

Yours truly,

J. C. YETZER.

[As a matter of interest to the trade, we will simply add that Mr. Yetzer sold two carloads of our machines last year, with equally good results.—G. E. & Son.]

Geo. Esterly & Son, Whitewater, Wis.

Romeo, Mich., Aug. 16, 1882.

We as agents of the Esterly Twine-Binding Harvester sold this season six machines all of which were warranted to do first-class work or no sale. We made ourselves familiar with the handling of the same, never seeing a binder before of any kind. We had no trouble in starting the machines at work without an expert. Two of the machines were driven by boys one by a young lady through the entire harvest. We have not been called on for any assistance since the day of starting. We know the Esterly machine to be a perfect success.

Yours with respect,

SIKES & TAYLOR.

Geo. Esterly & Son, Whitewater, Wis.

Leavenworth, Kan., Aug. 21, 1882.

With reference to sale of Esterly Twine-Binding harvester during the season of 1882, we sold eight machines. Had no expert during the season, other than the one who came to assist putting up the sample machine. All of them did satisfactory work. Seven of the machines were sold near here. One we sent to Salina, Kas., where it was put in operation and run through the harvest by men who had never seen one, and received no instruction except printed matter. The above is a frank statement of our experience. Very truly,

L. MAYO.

George Esterly & Sons, Whitewater, Wis.

Whitehall, Ill., Aug. 21, 1882.

We sold four of the Esterly Twine Binders this year. We set them up and started them ourselves. There has not been an Expert to see them. We think that we can sell fifteen or twenty machines next year if the wheat is good. Yours truly,

McFARLAND BROS.

Geo. Esterly & Son, Whitewater, Wis.

Botkins, O. Aug. 22, 1882.

We sold 5 of your cord binders $5\frac{1}{2}$ cut, this summer. It being the first cord binder that we ever handled we expected trouble. We could not get any help whatever and the Harvest was very wet. Many other Binders went down and could not run. The first one we started bound the first round in ten acres and did not miss a bundle. Others needed slight adjustment. I run one in my own wheat with two horses with ease. We think they are the best made machine out. We had no trouble and no expense. Yours,

HUNT & GREVE.

Geo. Esterly & Son, Whitewater, Wis.

Marshall, Mo., Aug. 8, 1882.

We sold during the season sixty of your binders and notwithstanding the heavy fights which was waged against it, went through splendidly, everyone being settled for. It is generally acknowledged that the Esterly did the cleanest work done by any binder this season. Your own movement, instead of the old plunger bolt as used by all other Appleby binders, worked to perfection. Yours,

REA & PAGE.

Geo. Esterly & Son.

Kirkland, Ill., Aug. 25, 1882.

Gentlemen: We have sold seven of the Esterly Twine-Binding Harvesters this season, and they have given perfect satisfaction. The parties we sold to are highly elated over the working of the Machines. The seven Binders have cut one thousand acres of grain, and we have not been to the trouble of visiting the machines after once starting them, except in two instances, and the total expense of the above machines will not exceed two dollars.

ROBERTS & McDOWELL.

Geo. Esterly & Son, Whitewater, Wis.

Tiffin, Ohio, Aug. 17, 1882.

Dear Sirs: I have sold Binders of different makes for the last four years, and did consider the Binder trade a nuisance to any agent until this season, when I sold your new Binder, and found it a pleasure, as every Binder I put out pleased the farmers and none came in for extras. I am now satisfied that the Esterly is the lightest draft Binder I have ever seen, and does good work.

Yours, &c.,

CHAS. FISHBAUGH.

Geo. Esterly & Son, Whitewater, Wis.

Hartford, Mich., Aug. 24, 1882.

Dear Sirs: I have been from home, visiting in Minnesota and Dakota, taking notes of the different kinds of Binders. The "Platform-Binders" are returned in most cases where I have been. Numerous objections are made to other makes. I have only sold two Esterlys, and no use for an expert. After starting them I was not called on for anything but twine.

A. N. SPAULDING.

Mr. Geo. Esterly & Son.

Alexandria, Minn., Aug. 25, 1882.

Gentlemen: We have sold 13 Esterly Twine-Binders this season. Had expert to start first machine, have had no trouble with them. Binders a.e all giving perfect satisfaction. Have sold several where they have tried other machines and. returned them and took the Esterly. We expect a big trade on them next year. This is the first year they have been sold here.

Respectfully yours,

ARNOTT & McCORRY.

Messrs. Geo. Esterly & Son;

Princeton, Ind., Aug. 24, 1882.

Dear Sirs: We have sold this year seven of your Twine-Binders, and all that bought are well pleased with them. We sold two to men that had tried other binders, and bought the Esterly for the simple reason they run lighter and bound the bundles better. Those four parties that bought last year say the longer they run them the better they like them. One thresher man told Mr. John King (that bought last year) that his wheat was bound better than any binder he had threshed after.

Yours, &c.,

J. C. KIMBALL & CO.

Geo. Esterly & Son.

Smyrna, Del., June 29th, 1882.

Dear Sirs: Have nine Binders running elegantly. They are *boss* wherever we have got them introduced. Last night we were called up at 12 o'clock to load a binder to take the place of a Champion. It went to Middletown, about 12 miles from here, got it started this forenoon and run tip-top.

The Osborne and Champion are having lots of trouble, plenty of these machines thrown up. Think likely we may be able to sell some more yet.

Yours Truly,

J. B. EVANS & CO.

Geo. Esterly & Son, Whitewater, Wis.

Beaver Creek, Ill., Aug. 27, 1882.

Dear Sirs: I sold 14 of your Binders, all $6\frac{1}{4}$ ft. cut. It was a pleasure for me to set up and start your Binders. Every one worked to perfection. I would pay one hundred dollars more for the Esterly than any other Binder I have ever seen. They are so easy to handle and so simple in construction. I have had but very little use for experts. If any of my customers were dissatisfied I never heard of it. One says he would not take a thousand dollars for his if he could not get another just like it; four others say five hundred dollars would not buy theirs. I think I can sell 40 next year.

Yours truly,

D. L. REYNOLDS.

Geo. Esterly & Son, Whitewater, Wis.

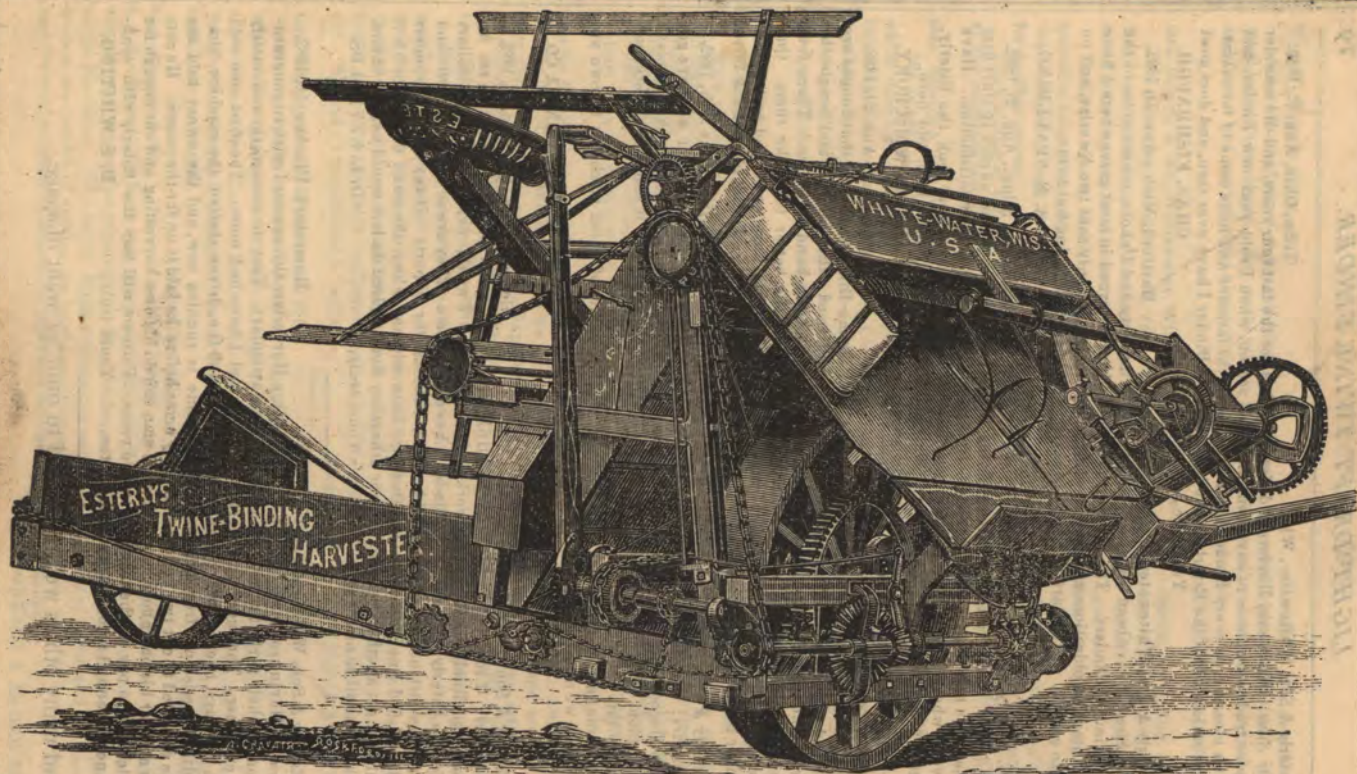
Hampshire, Ill., Aug. 16, 1882.

Gents: Having sold two of your Twine-Binding Harvesters this season I wish to congratulate you on their perfect success (in almost every particular). They do good work and satisfy every customer. They need no expert to ran them and I have had none. The first one sold out, in two days, twenty acres of rye to begin with, and the driver started the machine himself, without assistance from anyone. The machine is running now, and the owner told me that he expected to cut two hundred and fifty acres before he laid it up for the season. He cuts by the acre for his neighbors. An energetic man can do his own harvesting and cut enough for his neighbors to pay for the machine in two years. Farmers will buy the Esterly with confidence next year and a good many of them, too.

Yours truly,

B. S. WHITING.

And many others we are obliged to omit for want of space.



Rear View of the Esterly Light-Draft Binder.

