

ENGLISH EDITION.

DIARY & PAMPHLET.
Presented with the Compliments of the

ESTERLY HARVESTING MACHINE CO.



FACTORY & GENERAL OFFICE AT
WHITEWATER, WIS.

GEO. ESTERLY, Pres't.
G. C. SWALLOW, V. Pres't & Supt.
G. W. ESTERLY, Secy & Treas.
E. P. BURROWS, Asst Secy & Treas.

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ADELAIDE, AUSTRALIA.



THE ESTERLY MOWER.



VIEW OF THE ESTERLY HARVESTING MACHINE CO'S WORKS.

* Esterly Harvesting Machine Co. *

In 1886 Easter was
on the 23^d of April
Cats was seen on the
24th of April

* Esterly Harvesting Machine Co. *

ESTERLY HARVESTING MACHINE CO.,

WHITEWATER, WIS.

CALENDAR—1885.

JANUARY.							MAY.							SEPTEMBER.						
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CALENDAR—1886.

JANUARY.							MARCH.							MAY.						
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—* Esterly Harvesting Machine Co. *—

TO ALL

Farmers and Agricultural Implement Dealers

GREETING !

Another season of seed-time and harvest has passed since the issue of our last annual circular. The toils and anxieties, the hopes and prospects of the farmer, as to the probable outcome of the season's efforts, HAVE PASSED INTO STERN REALITIES. While for a few, in isolated localities, the results may not have been entirely satisfactory as to the *volume* of the products of their fields, as a whole, THE FARMERS OF ALL THIS BROAD LAND have every reason to be not only satisfied, but pleased, with the results of their labors.

As our personal interests are so closely identified with theirs, we also have "watched the face of the skies," that we might form opinions as to the *probable* future conditions of the weather as to its effect on the crops. With you, farmer friends, we feel that we, too, should be grateful to the Giver of all Good for this YEAR OF BOUNTIFUL HARVESTS.

Since the issuance of our last annual circular, our business has grown so largely that we have found it necessary to increase not only our facilities for manufacturing the renowned *ESTERLY BINDER*, but to also bring into the business an enlarged capital, as well as the active co-operation of experienced assistance in furthering the enterprise.

The business of manufacturing, heretofore conducted by George Esterly & Son, will hereafter be done by the *Esterly Harvesting Machine Co.* Mr. George C. Swallow, who, for many years, was

connected with one of the important and eminently successful manufacturing enterprises in Milwaukee, Wis., has taken a financial as well as an ACTIVE PERSONAL INTEREST in the works, having taken the position of Vice-President and Superintendent. He brings to the business not only an additional capital, but what is of vastly more importance to those who become identified with us either in selling or using our machines—a PRACTICAL EXPERIENCE, gained by years of active service as a manufacturer.

Our Mr. George Esterly, Sr., is President of the new corporation, and while he will not take as active a part in the many details of the business as in years past, as one of the pioneer manufacturers of agricultural implements, who, for forty years, has been continuously engaged in the business, his counsel will be had on all matters affecting the quality of the machines we build.

Mr. George W. Esterly, as Secretary and Treasurer, has charge of the general office business, which has been his specialty as one of the members of the firm of George Esterly & Son for many years.

We trust our friends will bear in mind that the Esterly machines are still built and put upon the market by those who have not only a *personal interest in their success*, but who have had a practical experience in conducting a manufacturing enterprise, and are well advised as to the difference between a thoroughly well-made machine and one that is put together with but little care as to details.

The Esterly Binder was put upon the market in 1880, which, in general form and make-up, was very much like several others that were struggling for a foothold. In 1881, we made several im-

portant changes in the machines, that had been suggested by previous experience in the field, all of which proved very satisfactory. In the meantime, we had become convinced that the operation of binding could be greatly simplified, and after a large amount of experimenting, brought out and put into the field several binders, in which a large number of working parts of the knot-tying device, including the *old style of Plunger-Bolt* had been discarded, thus greatly simplifying it, reducing the number of wearing parts, and rendering it less liable to get out of order in the hands of the farmer.

These Binders went through the harvest of 1881, giving such eminent satisfaction that, in 1882, *our entire product was made from this new model*. The success of these Binders was so marked, *their triumph over all competitors in every field trial*, as well as in the hands of the farmers who used them, so SIGNAL, that it thoroughly aroused many competing manufacturers to attempt imitations of our machine for the following year. As in one quite notable case, where a manufacturing company, who had much greater genius in the direction of piracy than in original invention, copied our entire Binder, regardless of our rights, without even saying, "By your leave, sir."

While the "Bogus Esterly" never worked with the same precision as the original, we think it is generally understood, "in the trade," that it was the only *really successful year* the company in question had ever had with twine binders, and they had been ATTEMPTING to build twine binders for years.

In 1883, we told our friends that we would continue to build the *best Binder made*. To strengthen our position that we already had the *best Binder on wheels*, we called attention to the fact that,

while there were twenty or more different binders manufactured in this country, from which a model might be selected, several foreign manufacturers, who sent their representatives to this country to examine them all, *decided upon the Esterly as their ideal of excellence.* * We thus furnished Model Twine Binding Harvesters for Messrs. Harris, Son & Co., of Brantford, Ont.; the Globe Works, London, and Messrs. Samuelson & Co., of Banbury, England, who are among the oldest manufacturers of agricultural implements in Europe. We ask, is it not a little significant that, after having looked them all over and witnessed their operation in the field, *they, with one accord, SELECTED THE ESTERLY?*

While the early history of the Esterly was one of success, the introduction of our new cam for operating the cord-holding disc marked a new era in the manufacture of binders, which was followed in 1883 with our new knot-tying device, both of which, taken in connection with our having discarded as useless a large number of delicate parts, (fifty or more pieces, all told,) has been the wonder and admiration of every binder expert who has examined it. Not only was the binder attachment improved and simplified, but the harvester, also, has been the subject of much study, experiment and demonstration, until we have a complete harvester and binder that is manufactured under our own patents, that combine all the essential elements of **LIGHT WEIGHT, LIGHT DRAFT, STRENGTH, DURABILITY, EASE OF MANAGEMENT, CONVENIENCE, AND EASY ADAPTABILITY TO THE DIFFERENT CONDITIONS OF GRAIN.**

This degree of excellence has been attained only by having carefully watched their operation in the field for a series of years in the ever-varying con-

ditions of grain and ground, that are met with in the different harvest fields encountered within the extremes of the East, West, North and South; and having made special efforts to meet the particular requirements of each and all peculiarities found in these variable conditions, added to the exercise of unusual care in the selection of material, the skill of our workmen, and the *scrutiny of our inspectors*, are we indebted for the *unprecedented success* which has attended our efforts in introducing the LIGHT DRAFT ESTERLY into territory where it was an entire stranger, and in face of a most determined opposition from those whose products had heretofore held a leading position. 'The ability of the "LITTLE ESTERLY" to handle, successfully, *heavy, lodged and tangled grain* of the Winter wheat districts, and also the *thin, short and light straw* of sections that have been affected by drouth, has had its effect in winning hosts of friends. While the ease with which it is balanced, whether operated by a *heavy man or light boy*, or whether *going up or down hill*, or when shifting the binder attachment, added greatly to its popularity, its *light draft*, simplicity of its binding mechanism, and *ease of management*, has been the *wonder and admiration* of all who have witnessed its operation.

SPECIAL FEATURES.

While those who have given the subject of binders any special attention during the past few years, know something of the special features of the ESTERLY, we will enumerate a few of them for the benefit of the new acquaintances we hope to make during the coming season.

—* Esterly Harvesting Machine Co. *—

They may be partially enumerated as follows:

OUR DRIVE-WHEEL—Thousands have been made, and one has never been known to fail.

OUR MAIN GEAR on drive-wheel is put in place after spokes are faced on a lathe, and, in consequence, is *always true*.

OUR DOUBLE-BRACED TONGUE.

OUR ADJUSTABLE REEL.

OUR PLATFORM TRUSS RODS.

OUR ELEVATOR TRUSS RODS.

OUR RAISING AND LOWERING DEVICE, whereby both ends of the machine are raised at the same time by the driver when it is in full operation.

OUR MAIN DRIVING-SHAFT, which is in two parts, and coupled like the tumbling-rods of a threshing machine, which thus prevents any "cramping" in the boxes.

OUR PLATFORM CANVAS runs close to the sickle, which prevents the butts of the grain from dragging on the cutter-bar.

OUR GUARDS—Placed where we can pick up short, lodged and tangled grain; in fact, can "fairly shave the ground."

OUR NEW SLIDING SEAT enables the driver to *instantly balance the machine*, whether going up or down hill, or shifting the Binder—a most valuable improvement.

OUR ADJUSTABLE ELEVATOR, that accommodates itself *automatically* to either very light or the heaviest grain that grows.

OUR CANVAS ADJUSTER at each end of the grain helps to form a good bundle in long or short grain, or on side hill.

—* Esterly Harvesting Machine Co. *—

OUR THREE DISCHARGE ARMS prevent the dragging of bundles even in badly tangled grain.

OUR CAM AND ROLLER movement, for operating the cord-holding device, has revolutionized the construction of twine binders.

OUR TRIPPING DEVICE always makes bundles of uniform size.

OUR KNOT-TYER never "lets go of the knot."

OUR OVERDECK prevents the grain from getting away from the reach of the packers.

OUR MAIN DRIVE-WHEEL FRAME is composed of four timbers, instead of two or three, as is the case with others. Ours holds the gear firmly in place.

OUR RECEDING OR ANGLE DECK releases the bundle the instant the knot is tied, thus reducing draft.

OUR NEW BINDER SHIFTER.

OUR ECCENTRIC REEL CHAIN TIGHTENER.

OUR NEW NEEDLE STRIPPER.

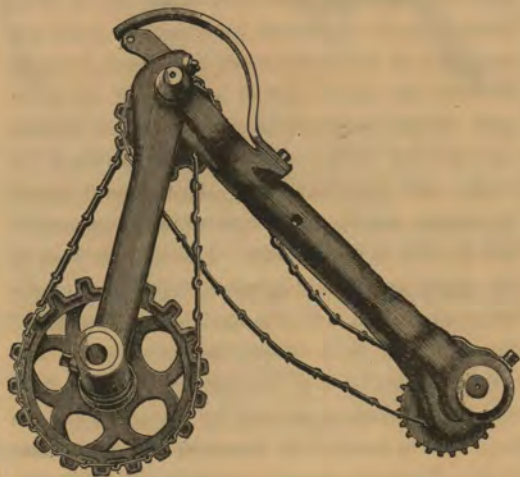
To all of which we most cordially invite the scrutiny of the most thorough machine men, mechanics and farmers, and invite comparisons with any or all others made.

THE LAST THREE ITEMS enumerated have been adopted as *improvements for the coming season*.

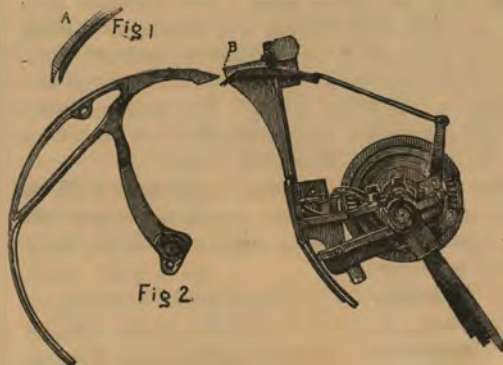
The new binder shifter takes the place of the old style, for the reason that the operation is performed so much more easily. With the new shifter, *any boy or girl* who can drive a team can shift the Binder easily and quickly.

OUR NEW
ECCENTRIC
REEL CHAIN TIGHTENERS.

The new Reel Chain Tighteners are very simple and effective. The way it is done (see cut) is as follows: The reel standard, which carries the upper sprocket-wheel shaft, is pivoted at the lower end to an eccentric shaft. By simply turning this shaft, the reel standard is raised or lowered, as is desired, either to tighten or loosen the lower chain. The reel shaft runs in a thimble, which is itself an eccentric. By slightly rotating this thimble, the reel is thrown forward or backward, as desired, and the chain is correspondingly tightened or loosened.



But one of the most *taking improvements* for the year is *our new "Needle Stripper."* As is well known to those who have had experience in using binders, there are certain conditions of green and wet grain, in which the straw is inclined to wedge between the upper part of needle and the over-deck, which results in carrying the straw forward into the slot in the breast-plate, or between the flanges, and "*clog the binder.*" By the employment of our new needle stripper, no straw can be carried into the slot in breast-plate. This stripper rests in the upper part of, and between, the flanges of the breast-plate, and is so arranged, that it "*straddles*" the needle just as it enters the breast-plate, and is then pushed back in the opposite direction from which the needle is moving, by the operation of a lever that is worked by the main cam on binder-shaft. When the needle is on its backward stroke, the stripper is drawn back to its resting-place in the breast-plate.



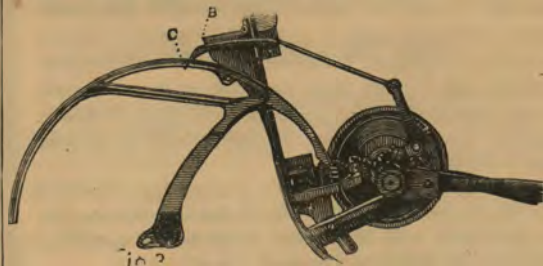
These cuts show the relative position of the needle to breast-plate and "Needle Stripper," (one side of breast-plate being broken away,) when the needle is in two different positions.

The upper one shows it just as the needle is about to enter the breast-plate and *fork of the "Stripper"* at B.

The "Stripper" is shown at A, detached from the Binder, in above cut.

The lower cut shows the "Stripper" when thrust backward to its farthest point, as shown at C, and the needle nearly to the end of its stroke.

As can be readily seen, the needle will be kept entirely clean from straw.



* Esterly Harvesting Machine Co. *

We were the first to make a new departure from the old method of binding with twine, and having kept in advance of our competitors in really valuable improvements, we think our friends will recognize in this device a step a long way in advance of any important improvement that has been shown on binders for several years.

The foregoing description is applicable to *all the styles of harvester and binder* that we shall put into the hands for the coming season, which are designated as follows:

"STANDARD,"	5 ½.
"LIGHT,"	5 ½.
"STANDARD,"	6 ½.
"LIGHT,"	6 ½.
"STANDARD,"	7 ½.

Our Standard machines are after the model we have been building for several years, and differs from those manufactured for the past two years only in the particulars mentioned in the foregoing description, and in being *toned up* in little details, such as extended use in the field has shown to be advisable. This Standard machine has *proved so eminently successful* and popular, that many of our agents have said: "*Do not change a bolt, nut or screw,*" "*Let well enough alone,*" "*I do not want anything better,*" &c. We find, however, that in some sections there is a class of farmers who have only small fields of grain to cut, and demand a lighter and more compact machine than those heretofore made, and to meet this demand, we have *devised, tested and perfected our Light Twine-Binding Harvester*, which we shall furnish in such numbers as may be ordered.

We placed a good number of these light Binders in the hands of good practical farmers during the past season, and they fully sustained the reputation of the **ESTERLY** for perfect work.

* Esterly Harvesting Machine Co. *

MATERIAL.—As much has been said, and much claimed by some manufacturers, as to the quality of the material used in the construction of their machines, it may not be amiss to say that we are using steel for many parts that heretofore have been made exclusively of iron and wood. We are thus using *an angle*

STEEL CUTTER-BAR,
STEEL-FACED GUARD,
STEEL MAIN AXLE,
STEEL MAIN CROSS-SHAFT,
STEEL RAISING SHAFT,
STEEL PITMAN CRANK-SHAFT,
STEEL MAIN DRIVING-SHAFT,
STEEL REEL SHAFT GUDGEON,
STEEL UPPER REEL SPROCKET SHAFT,
STEEL MAIN CAM SHAFT,

besides many smaller parts too numerous to mention, which, as can be readily seen, comes as nearly being a "*steel machine*" as is really desirable.

The reason for using steel, as above noted, is that the same degree of strength and stiffness is attained, while lighter weight is secured than when iron is used. Our angle steel cutter-bar, however, is the same weight as when made of iron, thus making the strongest cutter-bar known.

HOW OUR MACHINES ARE MADE.

In addition to the exercise of special care in the selection of material, we are exceptionally careful in the methods of turning out the completed machines.

All of the fitting, whether in wood or iron, is done from templets, so that there is a uniformity in all parts or pieces bearing the same catalogue

number. By far the largest part of these templets are made of steel, so as to guard, as far as possible, against even the small variations that might arise from wear.

Our shops are fitted up with *special and expensive machinery*, much of which was designed and made by our own mechanics with especial reference to uniformity in the work turned out. We have spared neither pains nor expense in equipping our shops with the best machinery that could be procured, to the end that the *Esterly Twine-Binding Harvester* shall remain where it now stands—the acknowledged *head and front of the Binder family*.

After having the several parts fitted up by this special machinery, each part is rigidly inspected by a competent mechanic, and where any flaw or imperfection is found in any part, it is rejected and destroyed. Those that “pass inspection,” are taken to the assembly rooms, where the machines are put together under the supervision of thoroughly practical mechanics—those who have had experience in the field as well as in the shop.

The binder attachments are not only put together and adjusted by thorough experts, but *each and every one is operated by power*, and is made to *bind its full quota* of bundles, and *do the work perfectly*, without a skip or balk of any kind whatever. After they have passed this ordeal, they are passed into the care of an inspector, who *looks them over carefully*, piece by piece, to see that nothing, even to the smallest detail, has been left unfinished or neglected. These are then passed to the paint-room, where they are painted, striped and varnished, after which they are packed ready for shipment.

The Harvesters are also thoroughly inspected, then numbered, before they are taken down and

painted, so that any farmer may know that, if he *secures an Esterly Twine-Binding Harvester*, in which the parts as shipped bear corresponding numbers, he has the machine *as it was originally set up in our factory*; and, as we know, *was exactly right*; and when properly set up, or put together, is capable of *handling successfully any grain that grows* that is usually cut with a reaper.

Having said this much, and hoping that you have read carefully what is herein contained, we invite any or all intending purchasers to examine our machines thoroughly, assuring them that, if they become the fortunate possessors of one, they will have a machine that is not only thoroughly well made, but has many points of excellence and convenience that are found in no others of its class, and one with which, by the exercise of a reasonable degree of intelligence, they can do the work desired with no unusual *delays or foolishness*.

TESTIMONIALS.

We have a large number of unsolicited testimonials from farmers and dealers—*so many* that, if all were published, they would make a volume *so large* that no one would care, or take the time, to read them. While many of them contain items of interest, facts that an intending purchaser would be perhaps interested in, yet, unless he happened to know the parties, he would care but little for them; hence, we decide to append but few testimonials, and these from widely different points, giving as large a variety of experiences as possible.

Trusting you will examine the points we raise carefully, and then visit some one of our local agents and examine the machine carefully, we are,

Yours truly,

Esterly Harvesting Machine Co.

JANUARY.

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* Esterly Harvesting Machine Co. *

Drawn by the Lightest Team and Makes the
Best Bundles.

PORT BYRON, N. Y., July 26, 1884.

MESSRS. ESTERLY & SON:

Dear Sirs—The binder trial of the 14th, at Skaneateles Junction, Onondaga Co., on the farm of Jackson Earles, was gotten up for the benefit of those wanting to buy machines.

The five machines competing were the Esterly, Deering, Champion, Osborne and "Low-Down Buckeye." The first piece of wheat was light and short straw. In that, the Esterly made its sheaves decidedly the best shape.

About five o'clock, they went into another lot of very heavy wheat. In that, the Esterly and——were the only machines that did not clog; Osborne No 14 making almost a failure of it. The Esterly was drawn by the lightest team on the ground, and decided to be the lightest draft machine.

The agent sold two Esterlys on the ground, no others being sold.

I had a trial on the 18th, on the farm of Peter Pulver, at Port Byron, with the "Low-Down Buckeye." I had made a bargain to sell the Esterly on condition it suited him. The agent of the "Low-Down" wanted a trial. I accepted it. He came with his machine, followed by a large crowd from town.

We cut in two pieces of wheat, the latter being very stout. The farmers decided in favor of the Esterly in four points, namely, light draft, clean gathering, tight binding, and binding in center of the bundle. It is one of the greatest victories won on a machine trial in this vicinity for years.

Yours, &c.,

W. H. BEMIS.

\$20.00 Does not Win.

(From Waukeshad Co., Wis., Democrat of Aug. 2, 1884.)

The trial on the farm of Daniel Cusick, between the Esterly Twine Binder and the Excelsior, was decidedly in favor of the Esterly. Both machines were put on their merits, and Mr Cusick said, "the machine that does the best work, is my machine." The Excelsior was offered \$20 less than the Esterly; but in this case, as in all similar cases with Mr. C., (who always has and wants the best in the market,) it was not the least temptation. Fully sixty men were present at the trial.

* FEBRUARY. *

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* Esterly Harvesting Machine Co. *

Lightness of Draft and Quality of Work Tells the Story.

SWEETSER, Ind., July 1, 1884.

MESSRS. GEO. ESTERLY & SON:

Gentlemen—At a field trial, on the farm of Mr. Jno. Hogson, between the "Low-Down" Buckeye, Walter A. Wood, and Esterly, we decide in favor of the Esterly, on account of its lightness of draft and the quality of work done, in every respect.

Yours truly,

JNO. FARLEY,	JAS. HOGSON,
JNO. FLOWERS,	JOSEPH BROWN,
JABEZ BERRY,	E. WARD,
BENJ. GLISSNER,	H. COWING.

RUSH, N. Y., July 15, 1884.

We, the undersigned farmers, at a trial between the Esterly Twine-Binding Harvester and the Junior Deering Twine-Binding Harvester, on the farm of Thomas Ward, in the town of Rush, Monroe Co., N. Y., hereby certify that, in our judgment, the Esterly is preferable to the Deering machine in many respects.

The Esterly does its work perfectly; is of strong make, and is of much lighter draft than the Deering; the six and one-half foot Esterly requiring much less power in cutting than the five-foot Deering, which were the sizes used on the trial.

C. H. PLUMB, Scottsville.
 JOHN KERNS, East Henrietta.
 P. TOBY, Mendon.
 BENJAMIN FISHER, Rush.
 W. H. MEAD, "
 H. A. SHERMAN, "
 J. H. SHERMAN, "
 P. MARTIN, "
 THOMAS WARD, "
 WM. SHERMAN, "
 JACOB B. THOMAS, "
 CHARLES BEHNK, "
 JOHN LANGE, "
 JOSEPH WARD, "
 C. E. JACKSON, Henrietta.

* MARCH. *

S 1
M 2
T 3
W 4
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M 16
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W 18
T 19
F 20
S 21
S 22
M 23
T 24
W 25
T 26
F 27
S 28
S 29
M 30
T 31

Sept - was
Prism 73 x 26
Hymns 641 x 453
Sept 2 x Oct 1
14
Our
Hymns 668
646

→ Esterly Harvesting Machine Co. ←

How is this for Work?

JAMESTOWN, D. T., Oct. 27, 1884.

ESTERLY HARVESTING MACHINE CO.:

The Esterly Binding Machine, bought in 1883, not only gave complete satisfaction, but it cut of my 1883 crop 300 acres, and of my 1884 crop fully 450 acres, or, in two seasons, 750 acres.

I would say my crop, this year, consisted of very early wheat and very late oats, which accounts for the unusual amount of cutting. Three (3) mules did the entire work.

The machine seems good for five years yet, and has needed but few repairs.

Yours truly,

I. C. WADE.

FARMER, Mo., July 19, 1884.

GEO. ESTERLY & SON:

Gentlemen—We, the undersigned, appointed as judges in a field trial between the Esterly and Plano binders, witnessed the working of the two machines to-day.

For simplicity of construction, ease of management, lightness of draft, and doing good work, we give our decision in favor of the Esterly.

A. J. SANFORD,
JOHN T. ELZEA,
FRANCIS HERLINGER,

} JUDGES.

A Solid Vote for the "Little Esterly."

In a trial at Port Clinton, Ohio, July 1, 1884, between the Champion, St. Paul, and Esterly, (the Plano agent, who originated the trial, failed to put in an appearance,) in heavy green rye. The committee chosen to decide upon the merits of the several machines, gave their vote solidly, on the first ballot, for the "Little Esterly."

J. ENUCHER,
A. WRIGHT,
ELMORE GILL,
CHAS. REBOW,
WM. RISLEY,

} COMMITTEE.

* APRIL. *

W 1
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M 27
T 28
W 29
T 30

* Esterly Harvesting Machine Co. *

**Another Victory for the Esterly at Centralia. The
"Champion" Knocked Out in Three Rounds,
Marquis of Queensbury Rules.**

On June 30th, the light draft Esterly (six feet) and Champion (five feet) shied their eastors into the ring, on the farm of John Ten Eycke, six miles South of Centralia. Wheat, thin on the ground, weedy, and in some places very short. No cooked-up committee on this trial—Mr. Ten Eycke to judge of the merits of the machines. When time was called, both machines came to the scratch promptly. From first to last, it was evident the Champion was overmatched. When time was called for the third round, the Champion came to the scratch unsteady, and very groggy in appearance. At the close of this round, the Champion was knocked clean over the ropes, and the contest ended by Mr. Ten Eycke accepting the Esterly. Seconds and bottle-holders of the Champion left the field for home immediately.

S. A. McCULLOUGH & CO.
HENRY GREEN.

**The First Round, it Choked; the Second
Round, it Broke.**

MARSHALL, Mo., July 16, 1884.

GEO. ESTERLY & SON:

* I purchased from your agents, Rea & Page, Marshall, some three years ago, an Esterly Twine Binder. I am more than pleased with it. I went into a field of tangled rye, one day last week, that was badly down, and cut it successfully. The Champion Light Binder tried to cut it, but failed. Next came the McCormick, like a heavily-laden train. It pulled into the field, and got half-way around, when it choked. The second round, they tried to make it do a little better, but it broke down, and they were obliged to pull out; while the Esterly went on with the work, doing it nicely. In the three years that I have used this binder, I have paid out only \$1.15 for repairs.

CHARLES N. BROWN.

MAY.

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S	31	

Esterly Harvesting Machine Co.

A Trial that Meant Blood!

At a trial held near Owasso, Mich., on the farm of Mr. Durham, ending July 11th, the following machines have been contending for the mastery **for three days—cutting one night until one o'clock**—to prove the work in wet grain, viz.: Esterly, McCormick, Dennett and Champion "Light."

The Esterly opened up the field—heavy Winter wheat, and badly lodged—which all the others refused to do. The Esterly worked the entire time—three days—without missing a bundle, night or day; the only binder that did this. The draft was tested by a dynamometer, four tests to each machine, resulting as follows:

	1st.	2d.	3d.	4th.	AVERAGE.
Esterly.....	350	400	350	350	362½
McCormick.....	400	400	350	400	387½
Champion "Light".....	400	400	400	400	400
Dennett.....	500	525	475	450	487½

After this test, a representative for each machine took occasion to explain the merits of the one they represented, when all said they were ready for the decision of Mr. Durham—on whose farm the trial took place—as to which one he would take, when he told them frankly that the Esterly was his choice, not only on account of the **ease of draft**, but for several other reasons, which he pointed out. He also stated, further, that the Esterly had a **strong prejudice to overcome**, or, rather, to work against. The Champion agent was a particular friend of his, as was the agent for the McCormick, while the representative of the Esterly was an entire stranger, &c., &c. When this decision was given, **three hearty cheers** were given for the "**Little Esterly**." Nearly 150 farmers were present, many of whom had been on the ground at different times during the three days' contest, not one of whom thought Mr. Durham had made a mistake in his selection.

Mr. Durham was offered one of the competing machines at a discount of \$25.00, but it was "no go." He had made the proposition for a test in good faith—the best machine to win—and \$25.00 was no object.

* JUNE. *

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T	30	

* Esterly Harvesting Machine Co. *

With One Accord, they Decide in Favor of the
Little Esterly.

At a trial on the farm of Arch Cooper, near Waterford, Racine County, Wis., July 19, 1884, the following machines were in competition:

CHAMPION.

DENNETT.

EMPIRE.

ESTERLY.

Test was made in barley, of varied conditions, from quite short to heavy and badly lodged.

The Empire failed to cut a smooth, clean stubble; missed bundles, and bundles were in bad shape, being ragged and uneven, and also "choked" the binder.

The Dennett failed to cut a smooth stubble; "missed" bundles; scattered the grain, and **could not** get down and **pick up the lodged grain**, and failed to completely separate the bundles, two or three hanging together at a time.

Champion **could not pick up the lodged grain**; "choked" in the binder; scattered badly; "missed" bundles; failed to separate the bundles in tangled grain; bound loosely, and showed heavy side draft.

The "Little Esterly" opened up the field; cut the shortest stubble—in fact, "fairly shaved the ground;" delivered the best bundle, free from "scatterings;" bound the tightest and made the cleanest butts to bundles, separated every bundle, and **did not miss a single bundle** from the commencement to the close of the trial.

It was pronounced the best machine, and said to have done the best work by the farmers present, and also by all the experts of the different competing machines with a single exception.

REPORT OF COMMITTEE.

"We, the committee, decide that the Esterly has done the best work of any of the four binders in the field to-day.

E. T. BUTTLES,
ALLEN MARTIN,
GEO M. HEALEY.

JULY.

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→ Esterly Harvesting Machine Co. ←

Esterly vs. Excelsior—Binder Trial at Cambridge, Wis.

For a year past, the agents of the Excelsior Binder have been advertising it as a *light-drawing* machine, and expressing an ardent desire to test it beside the Esterly, but whenever the Esterly has challenged it in common with other binders to a trial, it has never but once put in an appearance, which was at the Poynete trial in 1883, in company with six other machines, where the Esterly won the victory, and fourteen of which were sold on the ground. It has had numerous opportunities since to compare qualities with the Esterly, but none of them have been improved, until Friday last, at Cambridge. Some time since, its managers at this place agreed to let Mr. T. Thompson, of Cambridge, take out an Excelsior Binder, and also an Esterly Binder, and after trying them both fairly, to keep and pay for the one he liked the best, all things considered; and he made the test on Friday last, in a field of Winter wheat, that will yield about twenty-five to thirty bushels per acre. After going around the field a number of times with each machine, accompanied by experts and alone, and after thoroughly examining the cutting and the bundles made, he decided to take and pay for the Esterly, for the following reasons: That while cutting wider than the Excelsior, it drew easier, and had absolutely no side draft, while the Excelsior had a large amount of it. In fact, he preferred the Esterly by twenty-five dollars in price. There were a few of the neighbors there to witness the trial, whose ideas I wished to have, as well as Mr. Thompson's, and so a vote was taken as to the comparative merits of the machines, and all but three who were present and had no interest in either binder, voted in favor of the Esterly, and those who did not vote for the Esterly, did not vote at all. The following men voted for the Esterly, and considered it the best machine in the following respects: 1st. Because it drew much lighter than its competitor. 2d. Because the Esterly had no side draft, while the Excelsior drew the horses toward the grain badly; so much so, as to cut into the grain so far as to leave a comb on each swath. 3d. Because the Esterly was the better made and nicer finished. 4th. Because it had the most points of excellence.

Below are the names of all who voted, each one of whom voted for the Esterly:

H. S. Bue, J. M. Freedel, A. L. Lund, R. J. Doolittle, A. H. Krogh, Dr. Bliss, Tollis Bilstad, S. N. Brown, H. McKale, Wm. Kinzler, Dr. Ammondson and Ole Bilstad.

S. L. SHELDON.



* AUGUST: *



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M 31

*Big snow blower
12 March 1888
012 clock in the
night till*

* Esterly Harvesting Machine Co. *

After a Three Days' Trial, Decides for the Esterly.

OWENSBORO, Ky., June 27, 1884.

At the trial of binders held on my farm, near Owensboro, Ky., June 25th, 26th and 27th, for the purpose of enabling me to decide upon a purchase of a twine-binding harvester for my own use, I, without hesitation, consider the Esterly Twine Binder to be the best machine, for the reasons of its simplicity, lightness of draft, and its doing perfect work.

J. H. BELL.

It Cuts and Binds the Stubble Left by its Competitors.

Under date of July 10th, the representatives of the Esterly Twine-Binding Harvester received a communication asking their attendance, with their machine, at a trial to be held on July 15th, near Geneva Lake, Wis., in which occurs the following statement: "The agents of the Deering, Champion and Osborne have signified their intention of being present with their machines, &c.

(Signed),

H. A. ARNOLD."

Accepting this invitation, the Esterly put in an appearance.

The grain in which the trial was to take place was badly tangled rye.

The Osborne choked both in binder and elevator, and missed bundles.

The Champion choked both in elevator and binder, and could not pick up the tangled grain, and bound loosely.

The Deering did not put in an appearance until the 16th. It failed to cut a clean stubble, and the operator cut a swath about three feet in width. It choked both in elevator and binder, and, in fact, proved a total failure in this kind of grain.

The Esterly cut the widest swath, and left a clean stubble; and to demonstrate its ability to take up lodged grain, the operator followed the Champion, and cut its stubble, and bound it.

The Esterly was sold to the farmer on whose farm the trial took place, and it was understood that one or two farmers, at least, who had already given their orders for other machines, countermanded their said orders, and purchased the "Little Esterly."

* SEPTEMBER. *

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* Esterly Harvesting Machine Co. *

"Perfectly Simple." "Simply Perfect."

TIFFIN, Ohio, July 27, 1884.

GEO. ESTERLY & SON:

Dear Sirs—I bought an Esterly Binder in 1882. I have now cut three hundred and fifty acres, and it has never, in cutting all of that grain, dropped a bundle untied, except where the **fault was clearly in the twine**. I have cut fifteen acres in ten hours with two horses, and I would not exchange my Little Esterly to-day for a **new machine of any other make**.

J. W. KUNTZ.

OSHKOSH, Wis., September 12, 1884.

ESTERLY HARVESTING MACHINE CO.:

I have now used the Esterly Binder four years, cutting about sixty acres each year. I consider it the most durable binder in the market. Can pick up and handle lodged grain to perfection.

J. C. REINKE.

WICKLIFFE, Ky., November 15, 1884.

ESTERLY HARVESTING MACHINE CO.:

The Esterly Twine Binder I purchased for 1884, surpasses anything in my neighborhood. Farmers who bought other machines, after seeing the "Little Esterly" at work, pronounced it the best they ever saw, and became dissatisfied with theirs. I cut my entire crop of wheat without a single break; neither did it hurt my horses, although I only worked three horses, while my neighbors worked four, and sometimes six.

Yours truly,

S. H. CRICE.

* OCTOBER. *

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* Esterly Harvesting Machine Co. *

OSHKOSH, Wis., Sept. 15, 1884.

ESTERLY HARVESTING MACHINE CO.:

The Esterly Binder, which I bought two years ago, has cut one hundred and fifty acres in nine days, and I will not attempt to enumerate the many points of advantage which I have found in same, but I just want to say to my brother farmers that, if you value time, money, labor or horse-flesh, do not purchase a binder before looking over and carefully examining the "Little Esterly," and I know you will say its many advantages place it far in advance of any other of the binder family.

WILLIAM RUDDY.

First in War, First in Peace, First in the Hearts of Farmers.

WINNECONNE, Wis., Sept. 12, 1884.

ESTERLY HARVESTING MACHINE CO.:

We have used and tested the Esterly Binders for two and three years, respectively; and, first, as we have tried it thoroughly in every kind and condition of grain, and, second, as we and our neighbors have tried and tested every other first-class binder in the market, we now know that the Little Esterly will do cleaner and better work, and do it easier, than any other binder made.

Used mine three years,
Used mine three years,
Used mine two years,
Used mine two years,
Used mine two years,

JAMES CHAMPION.
JOHN MUELLER.
JOSEPH MERICLE.
J. M. GORE.
FRANK McCABE.

OSHKOSH, Wis., Sept. 10, 1884.

THE ESTERLY HARVESTING MACHINE CO.:

The Esterly Binder I bought last year, takes the whole bakery. My brother (Hugh Bean) bought a Champion, thinking it was cheaper. He now says: I wish I had paid twenty dollars more, and got an Esterly. I have often run for a whole day without a skip, and for picking up lodged grain, I can beat any self-rake reaper that I ever saw.

The simplicity, light draft, convenience and durability of the Esterly, make it the best time, money and labor-saving machine in existence.

EDWARD BEAN.

* NOVEMBER. *

S	1	Snow 1873
M	2	April 12 snow
T	3	about 1 day 6 1/2 in
W	4	April 16 snow
T	5	
F	6	
S	7	
S	8	
M	9	April 28 29 1874
T	10	a snow fell about
W	11	2 feet deep and lay
T	12	till the 11 may
F	13	
S	14	
S	15	
M	16	
T	17	A sleigh went
W	18	the 28 of march
T	19	19 on one sleigh to
F	20	Joseph Ungat
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* Esterly Harvesting Machine Co. *

LATER!

VICTORY! VICTORY!!

December 15, 1884.

We are just in receipt of a letter from our South Australian correspondents, giving in detail the report of a **FIELD TRIAL**, conducted under the auspices of the **ROYAL AGRICULTURAL AND HORTICULTURAL SOCIETY**, of South Australia, near Adelaide, October 23d, in which the

"LITTLE ESTERLY"

won the Bronze Medal over the following well-known American machines:

MCCORMICK.

WALTER A. WOOD.

DEERING.

BUCKEYE.

This victory is all the more significant from the fact that no one in that Province had ever before seen an Esterly Binder; and at this trial it was **OPERATED BY A FARMER**, while some of the competing machines were manufactured expressly for trials, and were operated by skilled experts, who were sent out especially to see that they were properly handled.

We trust that agents, as well as prospective purchasers, "will make a note" of this, and not forget that the "Little Esterly" is just the binder they want,

IF

they desire to be the fortunate possessor of
THE BEST BINDER MADE.

* DECEMBER. *

MEMORANDUM.

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M 28
T 29
W 30
T 31

Mrs. Jacob Herman
Tert was st John ^{ch 41}
verse 22.

Hymns 639, 632
they lived together
58 years he had 7
children 27 grand
children

Mr. John Tuncy
Died Feb 26 1874
Tert 4 Psalm 9 verse
Hymn 618-6-7693
21 3:4
Age 74. 10 12

James Ham
Tert was Jerk 10. 414
Hymn 645-6-46
Age 30 10

Old Tunks last tert
in Bathe sets ^{shot} 20 and
the 18 verse Hymns. 260
- - - 241

Owen Frankfield
tert when he came home
from war Psalm 109
- 9 - - -

Old brother Tunks
tert Psalm 31 10. 12

Henry Bishop Tert
Ephesians 2. vers 8

Richards Becks
Tert 102 Psalm

Age 38, 6. 11
²⁴⁴⁷
^{ass}

MEMORANDUM.

* Esterly Harvesting Machine Co. *

March 26.
Exp 1 - was 1892-93

Died in 1889