



FLYING DUTCHMAN
SOUVENIR
SONG BOOK

MOLINE PLOW &
MOLINE, ILL.

* From a
Rawlings Impl. Co,
Baltimore Md.

"IF IT'S A FLYING DUTCHMAN IT'S BEST"

There are those who contend that the phrase, "made of best material," has been so over-worked that it is no longer potent as a conveyor of the meaning intended.

It may be true that the term has been so generally and loosely employed that it has come to be held lightly by many, but when truthfully used, as all advertising statements should be, and are by honest manufacturers of honest goods, it means more to the purchaser than is usually recognized.

There is no material entering into the construction of a farm tool that cannot be had in grades ranging from the practically worthless to that of the very highest possible quality.

The poorer grades are susceptible of just as fine finish as the better grades, and when polished, painted, varnished, erected and viewed on a sample floor may have every indication of lasting efficiency.

No one not an expert can discover the spuriousness, and even he may have to resort to the sledge and drill to satisfy himself beyond doubt.

The quality of material is an important factor in determining the first cost of a tool.

It is the measure of the life of the implement.

The difference in material in two similar machines may make it necessary for the dealer to ask five dollars more for one than the other.

The dearer machine is almost certain to last twice as long as the cheaper and cost proportionately less for repairs.

Mr. Harvey Warner, Ulysses, Nebraska, wrote us the other day:

I have two Flying Dutchman plows. One I bought fifteen years ago; it is a good old plow yet. It has plowed about fifteen hundred acres of soil.

We wrote Mr. Warner asking how much he had spent for repairs in those fifteen years:

During the fifteen years I have bought three new shares and a boxing for the hind wheel. The plow is all right yet and ready to plow fifty acres in the spring.

We do not claim to have an absolute monopoly of plow-building ability.

There are other manufacturers, no doubt, who can make a single plow, or even a hundred plows, that will be fully up to our high standard, but our broad and well grounded claim is that

the total output of no factory in the line is so uniformly excellent and dependable as that bearing the Flying Dutchman brand.

Best obtainable material and rigid inspection are the explanation.

The first any builder can buy if he is willing to pay the price; the second is sustained effort, a resolute determination that every tool turned out shall be as uniform in value as gold coins from the mint, making it a question of business policy and personal pride.

This policy, and the pride taken in distinction, are the farmer's assurance that when selecting Moline Plow Company goods he is discriminating between legal tender and promises to pay.

In every line of industry preponderance of public opinion places some person or firm in the lead.

This selection is made by virtue of achievement and general success and is universally well deserved.

Prestige is acquired by continued demonstration of ability.

The shrewd investor in farm tools will purchase those made standard by common approval.

It is good judgment to buy the brand that has a reputation to maintain.

When you are looking for quality look for the Flying Dutchman trade mark.

"Made of best material" means something in the factories of the Moline Plow Company.

It is impossible to show our complete line in a book of this size. We have been obliged to limit the number to one or two of each class, but you will please bear in mind, we build Stalk Cutters, Stubble Diggers, Walking and Riding Plows, Disc Plows, Tooth and Disc Harrows, Cotton and Corn Planters, Listers and Drills, Shovel and Disc Cultivators, Lister Cultivators, Beet Seeders, Cultivators and Pullers in great variety of styles.

We are prepared to meet the requirements of the farmer no matter what his special preference may be.

If you wish to buy a tool not shown in this book we would like to have you call on our nearest agent and talk the matter over, write to us direct, or to our nearest branch house.

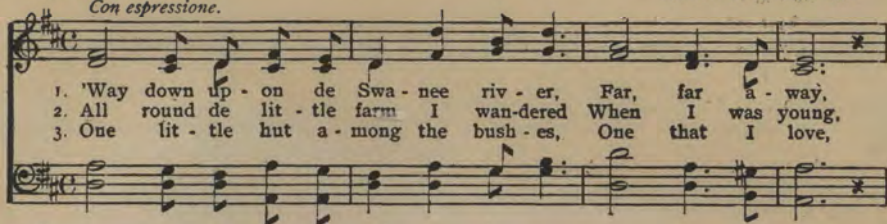
MOLINE PLOW COMPANY, MOLINE, ILLINOIS

Old Folks at Home.

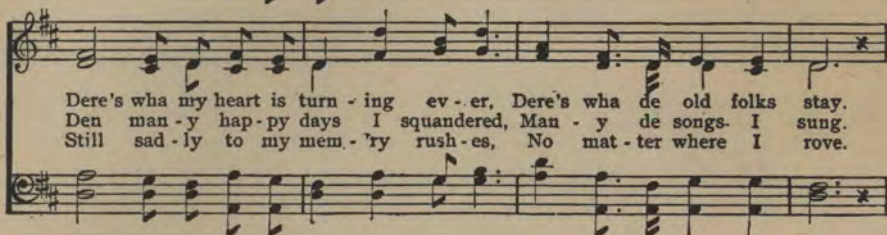
S. C. F.

Con espressione.

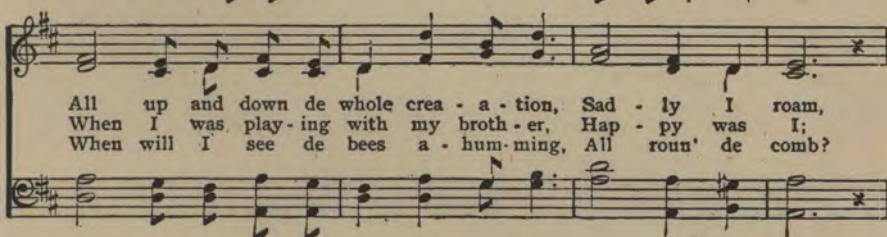
STEPHEN C. FOSTER.



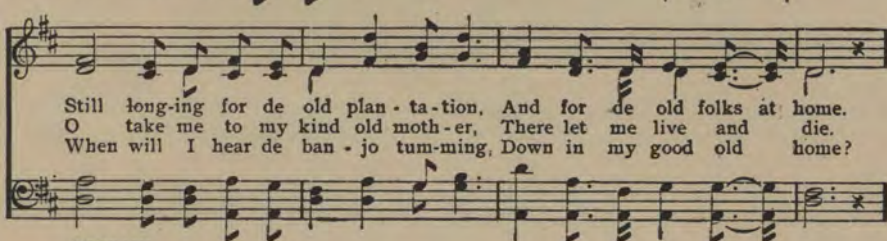
1. 'Way down up - on de Swa - nee riv - er, Far, far a - way,
2. All round de lit - tle farm I wan - dered When I was young,
3. One lit - tle hut a - mong the bush - es, One that I love,



Dere's wha my heart is turn - ing ev - er, Dere's wha de old folks stay.
Den man - y hap - py days I squandered, Man - y de songs - I sung.
Still sad - ly to my mem - 'ry rush - es, No mat - ter where I rove.

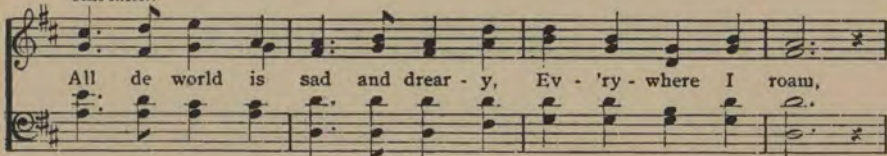


All up and down de whole crea - a - tion, Sad - ly I roam,
When I was play - ing with my broth - er, Hap - py was I;
When will I see de bees a - hum - ming, All roun' de comb?

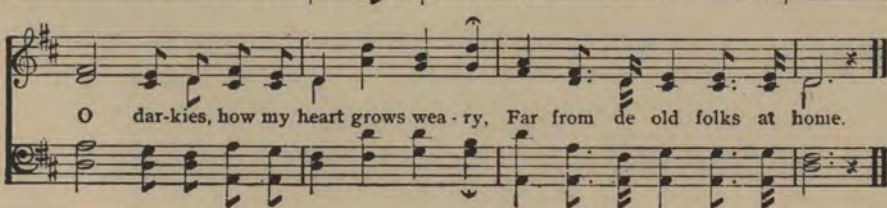


Still long - ing for de old plan - ta - tion, And for de old folks at home.
O take me to my kind old moth - er, There let me live and die.
When will I hear de ban - jo tum - ming, Down in my good old home?

REFRAIN.



All de world is sad and drear - y, Ev - 'ry - where I roam,



O dar - kies, how my heart grows wea - ry, Far from de old folks at home.

"C" PLOW, STEEL BEAM.

ONE of our men was out in the country the other day visiting a farmer. The conversation drifted to agricultural tools. The farmer said:

"What is your price for a walking plow?"

"What kind of a plow?" inquired the man.

"A sixteen-inch walking plow," replied the farmer.

"What kind of a sixteen-inch walking plow?" persisted the man.

"Why, I don't know," the farmer answered, "is there a difference?"

There is a difference, a big difference. You can't compare values by sizes. The man went on to explain the difference. He mentioned the solid and soft



C SERIES, OR SCOTCH CLIPPER.

center bottoms; the high, medium and low landsides; the single, upset and double shins; the reinforced shares; the beaded landsides; the cast slip heels; the frogs; the bracing; the quality of the material. All these things have a bearing on the cost of a plow. They have a marked influence on the lasting qualities of the tool.

The Moline Plow Company makes a great variety of walking plows. Shapes for every condition and styles for every preference. The one shown in the picture above is our "C Series," or "Scotch Clipper." They are especially serviceable in sod or heavy stubble and for deep plowing. The beam is extra heavy, is curved high in the throat and will not choke in weedy land. The moldboard is soft center hardened steel, double shinned; share, soft center hardened steel; landside, soft center hardened steel, medium. Made both wood and steel beam. "Moline Plows and other Flying Dutchman farm tools" have long been recognized as THE standard. Design, material, workmanship, inspection, and determination to excel made them so and will continue to keep them so.



ABOUT "SOFT CENTER" STEEL.

NOT all users of farm implements fully understand what is meant by the term "soft center steel." We have noticed in talking with some farmers that when we said "our moldboard and share are soft center" they would edge off a little and hold one hand on the pocket containing their valuables, but when we spoke of a plow as having "solid steel" moldboard and share they would sit up and take notice. To men not familiar with plow metals there is something about the words "solid steel" that sounds good. It presents to

the mind a complete and pleasing picture of polished strength and keen edges. In contrast, the term "soft center" seems to denote a weakness, a lacking, or defect, in the material. Nothing could be more erroneous. Both solid and soft center have their legitimate uses in plow building, but for certain conditions, on account of its superior scouring and wearing qualities, there is no substitute for soft center and nothing else will do the work. This grade is made of three layers, the two outside layers being of steel and the middle layer of soft iron, which constitutes the "soft center." The outside layers are tempered several degrees harder than the hardest file, which admits of a high polish, insuring perfect scouring in any soil that can be plowed with any plow, while the soft center layer contributes the necessary strength, a strength many times greater than is found in solid steel. It is possible to temper solid steel to the same degree of hardness, and give it just as fine polish, but such treatment would render it brittle as glass and make it useless for any purpose where strength is required.



Hence solid steel of lower temper is used in soils that on account of their composition present no scouring difficulties. For such soils it is all right and it would be a luxury to buy the more expensive soft center. For soils that are inclined stick, are stumpy, or rocky, or full of grit that soon wears out ordinary steel, or for other reasons call for extraordinary strength and hardness in the plow bottom, soft center is used. In this connection it might not be out of place to call attention to the fact that there are different grades of soft center steel. Because some one says a plow of another manufacture has a soft center bottom it does not follow that it is equal to our soft center bottom. We use a special grade of soft center steel made by a special process which eliminates the great difficulties others experience in making a satisfactory weld of the three layers. The equal of our soft center steel is not on the market. Try breaking one of our soft center shares or moldboards with a sledge, and then try the common kind. Our soft center steel can be reworked by a blacksmith, which is an immense advantage. The shares are tagged as follows:

This Acme Soft Center Steel Share is the best and strongest share made, scouring qualities unequalled, and CAN BE RETEMPERED after being drawn out by a blacksmith, by heating a cherry red in any kind of a fire and immersing in any kind of water.



B. F. Dodson, a dealer at Pratt, Kansas, says:

"The farmers here say the Captain Kidd is the slickest cultivator there is on the market—now don't forget it."

My Old Kentucky Home.

S. C. F.

STEPHEN C. FOSTER.

Rather slow.

1. The sun shines bright in the old Kentucky home, 'Tis summer, the dar-kies are gay;
 2. They hunt no more for the possum and the coon, On the meadow, the hill, and the shore;
 3. The head must bow and the back will have to bend, Wher-ev-er the dar-key may go;

The corn-top's ripe and the meadows are in bloom; While the birds make music all the day.
 They sing no more by the glim-mer of the moon, On the bench by the old cab-in door.
 A few more days, and the troub-le all will end, In the field where the sugar-canes grow;

The young folks roll on the lit-tle cab-in floor, All mer-ry, all hap-py and bright;
 The day goes by like a shad-ow o'er the heart, With sorrow where all was de-light;
 A few more days for to tote the wea-ry load,—No mat-ter, 'twill nev-er be light;

By 'm-by hard times comes a-knock-ing at the door, Then my old Kentucky home, good-night!
 The time has come when the darkies have to part, Then my old Kentucky home, good-night!
 A few more days till we tot-ter on the road, Then my old Kentucky home, good-night!

CHORUS.

Weep no more, my la-dy, O weep no more to-day! We will sing one song for the

old Ken-tuck-y home. For the old Ken-tuck-y home, far a-way.

GOOD ENOUGH SULKY.

WOULDN'T it set you to thinking a little if thirty thousand farmers should come to you and say "the Good Enough sulky is the best plow on earth for the money?" We sold that many, in round numbers, last year. Think what that means. Five hundred car loads. A solid train nearly four miles long. In single file, with teams attached, the plows would make



GOOD ENOUGH SULKY PLOW.

a parade about ninety miles long. It would require twenty-three hours for it to pass a given point. Such testimony should be convincing.

The Good Enough is an extremely simple plow. The quality of its work cannot be excelled by any plow at any price. Will plow any soil that can be plowed with a moldboard plow. It has the desirable features of high priced sulky plows without the complicated construction of the very high lift type. The land axle has a yielding spring—uneven ground does not affect depth of furrow. Turns square corners either right or left. The landing lever and swinging clevis permit the operator to change the land of the plow instantly without stopping his team or leaving the seat. Bottoms of different sizes can be fitted to the same beam. Furrows of different widths can be turned with the same bottom. Made both right and left hand. Sizes from ten to eighteen inches. Bottoms for every condition of soil. Wheels have removable hub boxes, dust proof and oil tight. Breaker or middle breaker bottom can be used in place of regular bottom. It is furnished with pole attachment when so ordered. Moldboard soft center hardened steel, double shin; share soft center hardened steel; land-side soft center hardened steel. There is not an ounce of inferior material in this plow. It couldn't be better if it cost twice as much. It's simplicity makes the low price, its adaptability makes the high value.



MOLINE PLOW CO., Moline, Illinois.

Dear Sirs: I am well pleased with your plows. I got one of your Sulky Plows that you call the "Good Enough." I got it four years ago and have tried it in all kinds of soil where other plows failed to scour, but the Good Enough went through wherever I went. I am well satisfied with the plows and recommend them to anyone who needs a plow. Sincerely yours,

REINHARD FAUST, Humphrey, Neb.

EASTERN DANDY CULTIVATOR.

THE farmer who prefers a foot guide cultivator will find no tool of this class on the market that can be compared to the Eastern Dandy. It has distinct and apparent advantages that not only contribute to the long life of the machine but make it very convenient and unquestionably the easiest and most satisfactory to operate, while the quality of its work cannot be excelled. It has balance frame, adjustable axle, and long distance, dust proof boxes. Beams are extra long, making them extremely easy to guide, as well as giving ample room for trash to pass between the shovels. The foot levers are within easy reach and afford a comfortable position for the operator. These levers are operated by merely pushing the feet forward, or pulling them backward, as the case may be, which is a great improvement over the side or spreading movement. By the forward and backward movement the power is applied in an easy and natural manner, gives greatest leverage, and does not tire the operator. In most cultivators of this type, when turning at the ends of the rows, the operator is compelled to raise the beams, one at a time, and then adjust the balancing lever. This makes three operations, and as the driver has but one free hand, it is very inconvenient. The Eastern Dandy is so arranged that when the balancing lever is operated both beams are raised. This is done with the right hand. Simple and easy. Raising the beams in this way with the balancing lever in no manner changes the depth of cultiva-



EASTERN DANDY CULTIVATOR.

tion and the beams require no adjusting for depth, as when they are again lowered they resume work at exactly the same depth as before they were raised by the balancing lever. In other words, after the operator has once adjusted the beams to the desired depth of cultivation they require no attention. This means that the Eastern Dandy is controlled by one motion of one lever, while other cultivators require the handling of three levers. Each beam has an independent lever for use when for any reason it is desired to operate one beam at a time. The beams are held to their work by means of pressure springs and the draft of the team.

Dixie's Land.

DAN. EMMET.
Arr. by GEO. F. ROSCHE.

Allegretto.

1. I wish I was in de land ob cot-ton, Old times dar am
2. Old Mis-sus mar-ry Will, de wea-ber, Will-ium was a
3. His face was sharp as a butch-er's clea-ber, But dat did not

not for-got-ten, Look away! Look away! Look a-way! Dix-ie Land. In Dix-ie's Land whar
gay de-ceab-er, Look away! Look away! Look a-way! Dix-ie Land. But when he put his
seem to greab 'er, Look away! Look away! Look a-way! Dix-ie Land. Old Mis-sus act-ed the

I was born in, Ear-ly on one frost-y mornin', Look away! Look a-way! Look a-
arm around 'er, He smiled as fierce as a forty pounder, Look away! Look a-way! Look a-
fool-ish part, And died for a man dat broke her heart, Look away! Look a-way! Look a-

CHORUS.
way! Dix-ie Land. Den I wish I was in Dix-ie, Hoo-ray! Hoo-ray! In

Dix-ie Land, I'll take my stand To lib and die in Dix-ie; A-way, A-way, A-

way down south in Dix-ie, A-way, A-way, A-way down south in Dix-ie.

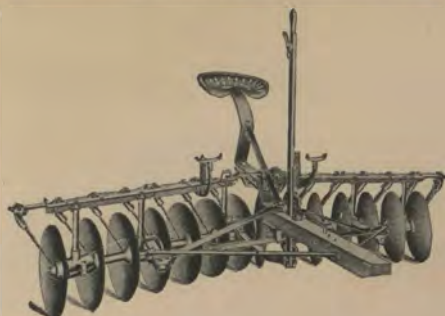
4 Now here's a health to the next old Missus,
And all de gals dat want to kiss us;
Look away! etc.,
But if you want to drive 'way sorrow,
Come and hear dis song to-morrow,
Look away! etc.,

5 Dar's buck-wheat cakes an' Ingen' batter,
Makes you fat or a little fatter;
Look away! etc.,
Den hoe it down and scratch your grabble,
To Dixie's Land I'm bound to trabble,
Look away! etc.,

Arr. Copyright, 1906, by Geo. F. Rosche.

SINGLE LEVER "ECONOMY."

WE didn't originate the disc harrow. The idea came from the Japanese. They used a crude tool of this type so long ago that the exact date of its origin cannot be traced, but it is estimated to be about one thousand years before Christ. The honor of priority belongs to them, but the credit for its highest perfection is ours. We do not hesitate to assert that the Economy Disc Harrow has not an equal in the market, and in this statement are corroborated by the expert judgment of thousands upon thousands of the most particular and exacting farmers of this and other



ECONOMY DISC HARROW.

countries. This popularity was not attained by accident. Such success can be achieved by nothing but merit, actual demonstration of better work in the field under the varying conditions that confront the average farmer. In heavy corn stalks the Economy will show more black dirt than any of them.

The line of draft is right. The horses are not choked by a low hitch, neither are their necks made sore by a high hitch. The seat is so placed that there is almost perfect balance. We have seen the Economy run all around a rough field without the use of a neckyoke at all. The man who values his horses appreciates this.

The frame bars are of high carbon steel, as stiff and hard as can be worked in a blacksmith shop. The discs are heavy, with long, sharp bevel, nicely polished and sharpened. The spools have a large face that acts as a brace for center of disc and prevents breakage in rough work. The harrow has great flexibility and readily adapts itself to uneven ground. One section may override obstructions or dip into dead furrows without affecting the work of the other section. The gangs cut a uniform depth their entire length. The bearings are of hard maple, with double surface to meet the end wear.

A patented spring device gives both inside and outside bearings an equal amount of end thrust. By using this device it is unnecessary to have any contact between the inner ends of disc gangs, thus insuring greater flexibility, less friction and lighter draft. The scrapers are the most satisfactory to be found on any disc harrow. The openings in the brackets are so shaped as to admit of the scraper bar being rocked back and forth with the foot levers, thus forcing

the blades to sweep the entire face of the discs from center to edge. The scraper is always held firmly against the face of the disc.

The standards are made of steel pipe, which also serve as oil tubes. By placing a small quantity of cotton waste well down in the tube and then filling the tube with oil insures a constant supply of fine filtered oil. The waste holds the oil, preventing the supply entering the bearings more freely than necessary. With the round standards the harrow is less liable to clog than harrows with other styles of standards.

The Economy is also made with double lever, and where such an implement is in demand finds no superior.

The Economy is made in cut-out style for those who prefer a tool of that kind. It is of the same general construction as the regular Economy, the only difference being the cut-out discs, and scrapers adapted to use with that style of disc.

This harrow is made in various sizes, ranging from four to twelve feet. Can be equipped with either drill or broadcast seeder attachment.

We also make a light, inexpensive and durable tongue truck attachment that is highly indorsed by those preferring such equipment. The axle is made of fine steel of high carbon. The wheels are cast and have chilled hubs, which makes a hard, smooth bearing. They have a flange that causes them to hold to the ground without any side slipping, thus overcoming an objection often raised to wheels with smooth tires.

We build for this harrow a simple and inexpensive attachment for transporting the harrow from field to field, or when upon the road. It costs but a trifle and saves wear and tear on the machine.



NO NAME WALKING CULTIVATOR.

THIS implement was designed to supply the demand for a low-priced cultivator, but in its construction the good name of the Moline Plow Company's line of cultivators has not been jeopardized. Its extreme simplicity makes a lengthy description unnecessary.



NO NAME WALKING CULTIVATOR.

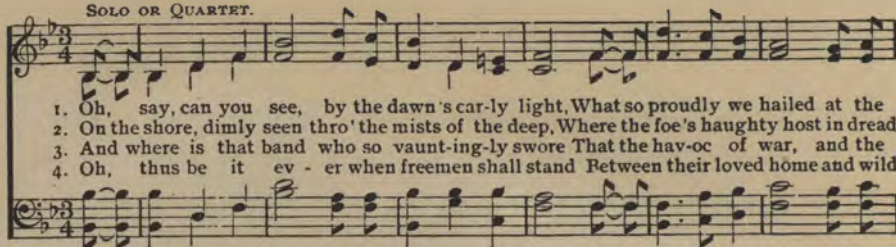
It has a strong lifting spring, which can be adjusted to suit any weight of gang. It is provided with the same adjustable couplings that have made the New Western Cultivators so famous. It has a double evenner, which is simple, and provides direct draft. Has long distance, dust proof wheel boxes. It is a good cultivator for the money, and in its class can not be beaten.

The Star-Spangled Banner.

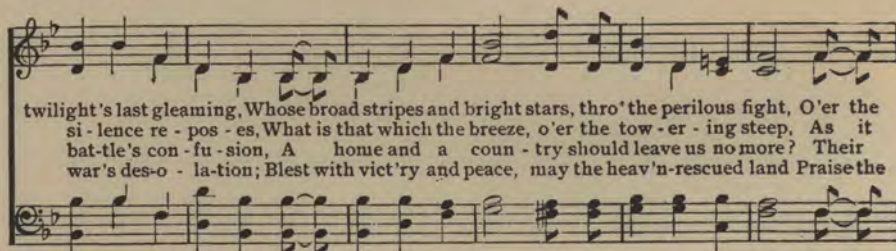
FRANCIS SCOTT KEY.

SAMUEL ARNOLD.

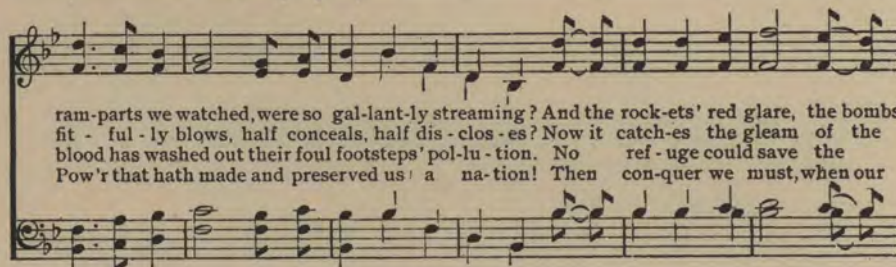
SOLO OR QUARTET.



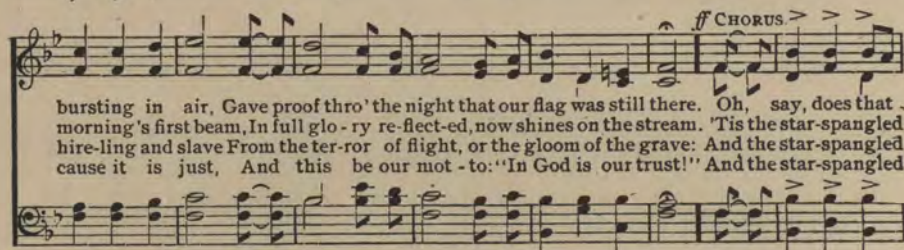
1. Oh, say, can you see, by the dawn's early light, What so proudly we hailed at the
 2. On the shore, dimly seen thro' the mists of the deep, Where the foe's haughty host in dread
 3. And where is that band who so vaunt-ing-ly swore That the hav-oc of war, and the
 4. Oh, thus be it ev-er when freemen shall stand Between their loved home and wild



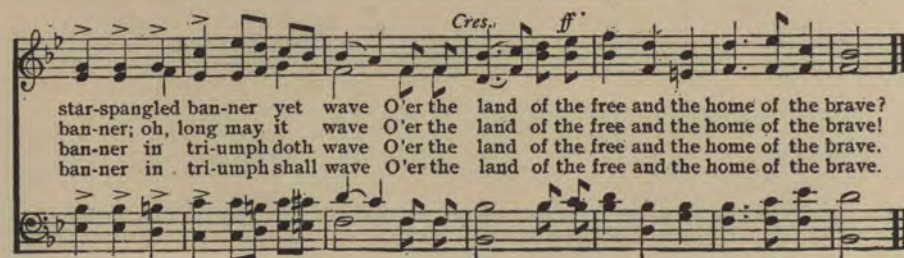
twilight's last gleaming, Whose broad stripes and bright stars, thro' the perilous fight, O'er the
 si-lence re-pos-es, What is that which the breeze, o'er the tow-er-ing steep, As it
 bat-tle's con-fu-sion, A home and a coun-try should leave us no more? Their
 war's des-o-lation; Blest with vict'ry and peace, may the heav'n-rescued land Praise the



ram-parts we watched, were so gal-lant-ly streaming? And the rock-ets' red glare, the bombs
 fit-ful-ly blows, half conceals, half dis-clo-s-es? Now it catch-es the gleam of the
 blood has washed out their foul footsteps' pol-lu-tion. No ref-uge could save the
 Pow'r that hath made and preserved us a na-tion! Then con-quer we must, when our



bursting in air, Gave proof thro' the night that our flag was still there. Oh, say, does that
 morning's first beam, In full glo-ry re-lect-ed, now shines on the stream. 'Tis the star-spangled
 hire-ling and slave From the ter-ror of flight, or the gloom of the grave: And the star-spangled
 cause it is just, And this be our mot-to: "In God is our trust!" And the star-spangled

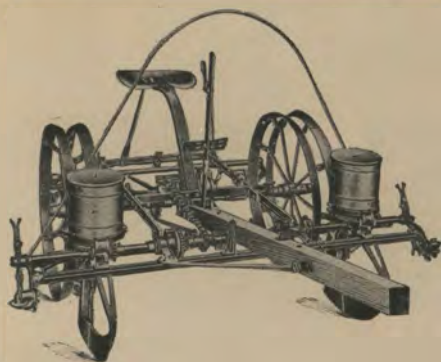


star-spangled ban-ner yet wave O'er the land of the free and the home of the brave?
 ban-ner; oh, long may it wave O'er the land of the free and the home of the brave!
 ban-ner in tri-umph doth wave O'er the land of the free and the home of the brave.
 ban-ner in tri-umph shall wave O'er the land of the free and the home of the brave.

GILT EDGE CORN PLANTER.

DID you ever pay one hundred and forty dollars premium for a poor corn planter? Perhaps you have and didn't know it. It would be an easy thing to do. Suppose you were to put in forty acres with a planter that dropped three kernels three-fourths of the time, and but two kernels one-fourth of the time. That means that you would lose one-third of the crop on one-fourth of the land, which would amount to about one hundred and forty dollars at the present price of corn. Of all things desirable in a planter accurate drop comes first. When you find a planter that combines accurate drop with the other essentials you have found a jewel—you have found the Gilt Edge.

The Gilt Edge has what is known as "edge selection" drop, which differs from the ordinary drop in



GILT EDGE CORN PLANTER.

that the holes or chambers in the seed plates are so formed that they deliver but one kernel, and that on edge. This principle insures a high percentage of correct number of kernels to the hill. It can be only in rare cases and from extraordinary cause that more or less than the desired number per hill can be dropped with this planter. While the superior accuracy of drop of the edge selection type of planter has been recognized by farmers for some years, the planters of this style have not been without some objectionable features. Complicated construction, necessitating delicate adjustments made it difficult for any man not a planter expert to keep the machine working satisfactorily at all times. The Gilt Edge was designed for accuracy, durability and simplicity and an examination of the planter will at once show how successfully these essential features were attained. **THERE IS BUT ONE SHAFT, AND ONE VALVE** to each shank. All other makes have at least two shafts, some of them three, and as many as three valves to the shank, all more or less complicated. The unequalled simplicity of the Gilt Edge makes it practically impossible for it to get out of adjustment, and it requires no adjusting. All parts on the one shaft are properly set at the factory and fastened

with pins and set screws and there is no occasion for changing them in the field.

The clutch is also important. Without a reliable clutch there can be no absolute accuracy of drop and no assurance of checking. In most planters the clutch makes one complete revolution and then disengages. The Gilt Edge clutch makes but one-half of a revolution, thus reducing its speed one-half, which reduces the wear one-half. Its action is positive. It cannot fail to engage, nor can it by any possibility disengage until it has made its one-half revolution. The clutch is engaged when the knot strikes the fork, which turns the seed shaft just enough to bring the two parts of the clutch together. This means extremely light work on the wire.

The Gilt Edge will crack fewer kernels than any other planter of this type on the market.

The change from a hill to a drill planter, or from a drill to a hill planter, is made without tools or extra parts.

The foot drop is arranged in very convenient position for the operator when finishing across the ends.

The check heads are made of malleable iron and are of few parts. A revolving fork is used. This is attached on the seed shaft and has no extra springs to work against, making it very easy on the wire. The double forks insure twice the wearing qualities of the ordinary style. With this class of check head there is no slam and bang of the returning fork, no jar to loosen nuts. The work of this check head is smooth, easy and practically noiseless, and will not fail to win the admiration of those accustomed to the pounding of the old style heads in general use.

The wire can be dropped without the driver leaving his seat.

The tongue is adjustable in order that the planter may always run level regardless of the height of team.

Both front and back frames are of heavy steel, thoroughly braced.

Furnished regularly with our new automatic reel.

Furnished with fertilizer attachment when ordered.

Compare this planter critically with other makes. The more thorough the comparison the more enthusiastic will be your approval of the Gilt Edge.



LOOK FOR THE MARK.

DO not buy plow shares, lister shares, cultivator shovels and other parts for our tools made by people who employ cheap help, use inferior material and have no interest in the working qualities of the tool which they pretend to fit, when for the same or less money you can buy the genuine article, made of the best material obtainable, by skilled workmen and guaranteed to fit; made by the company that manufactures the tools and has a direct interest in the satisfaction they give.

Our plow shares and lister shares all have M. P. Co. die-stamped on the under side. They can be identified by this mark. Look for it when buying plow or lister shares, it is your protection. Shares without this mark, offered for our plows or listers, are imitations, inferior, and will not be satisfactory.

Home, Sweet Home.

JOHN HOWARD PAYNE,

H. R. BISHOP.

1. 'Mid pleas-ures and pal - a - ces tho' we may roam, Be it ev - er so
 2. I gaze on the moon as I tread the drear wild, And feel that my
 3. An ex - ile from home, splendor daz - zles in vain; Oh, give me my

hum - ble, there's no place like home; A charm from the skies seems to
 moth - er now thinks of her child, As she looks on that moon from our
 low - ly thatched cot - tage a - gain; The birds sing - ing gai - ly, that

hal - low us there, Which, seek thro' the world, is ne'er met with else-where.
 own cot-tage door, Thro' the woodbine whose fragrance shall cheer me no more.
 came at my call; Give me them, and that peace of mind dear - er than all.

REFRAIN.

Home, home, sweet, sweet home, There's no place like home, Oh, there's no place like home.

Rocked In the Cradle of the Deep.

J. P. KNIGHT.

1. Rocked in the cra-dle of the deep, I lay me down in peace to sleep; Se-
 2. Such be the trust that still were mine, Tho' stormy winds sweep o'er the brine, Or

cure I rest up-on the wave, For Thou, O Lord, hast pow'r to save. I
 tho' the tempest's fier-y breath Rouse me from sleep to wreck and death; In

GRETCHEN COMBINED CORN PLANTER.

THE Gretchen can be operated both as a hill drop and drill drop planter. It meets the demand for a thoroughly reliable combined planter. No expense has been spared to make it a first class machine in every detail. It has a neat, strong steel front and back, and is easily adjusted from 3 feet 4 inches to 3 feet 6 inches, 3 feet 8 inches and 3 feet 10 inches in width. It can be equipped with either split, flat or concave wheels. The seed boxes are hinged, and when thrown forward for the purpose of changing plates the driving dogs follow—always remaining in their proper places. Three different sizes of hill drop plates are furnished, having holes $\frac{1}{4}$ -inch, $\frac{3}{8}$ and $\frac{1}{2}$ -inch respectively. There are also three sizes of oval-hole hill drop plates. The cut-off and knocker



GRETCHEN COMBINED CORN PLANTER.

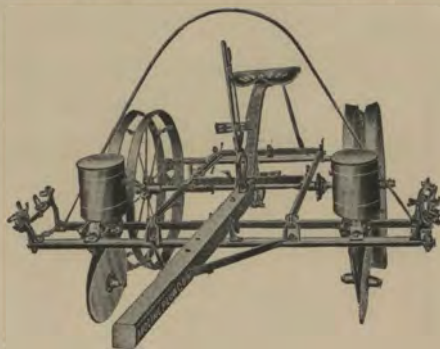
are combined, operating as a stop to prevent the seed plates turning backward either from the jar of the planter or the backward motion of the driving dogs. The valve is very simple. There is but one valve and it acts as both upper and lower valve. The corn has a straight, unobstructed drop. In most planters when desiring to change from hill to drill drop some part of the valve has to be removed, or some complicated adjustment is necessary, which is troublesome at best and often very difficult for a person not a planter expert. With our simple valve all that is necessary is to give a nut a half-turn and the valve is set. This is done from the outside of the shank and there is no possibility of making a mistake. The action of the valve is such that the upper valve is always closed before the corn is delivered from the seed plate, making it impossible to get more than one hill at a time. This is not true of all planters when the knot on the wire moves the check fork very slowly, as it often does when near the end of the row. The corn is held at such position at the lower valve as to drop all the kernels at once. There is no scattering, just a clean drop all together. The runners have a graceful, easy curve, and will not gather trash. The check heads have a rear sheave which holds down the wire, compelling the check fork to always make a full stroke. The wire is securely held by the sheaves on all sides and cannot possibly slip out in hilly ground. The driving shaft, to which the check forks and driv-

ing dogs are attached, is hexagonal, making it impossible for such parts to slip. The pole is adjustable on both bars of the front frame to accommodate high or low teams. The raising lever is in the center of the planter, and when running loose may be manipulated with the foot if desired. It has a balancing spring, which may be adjusted to make the planter "float" easily at any desired depth when running with loose lever. The foot drop is simple and convenient and operates perfectly. Hooks are provided to hang the marker on when turning around. The axle has a detachable chilled bearing. The Gretchen is furnished regularly complete with check rower and drill, 30-inch wheels, new automatic reel and disc marker.



GRETCHEN DISC PLANTER.

THE Gretchen Disc Planter can also be operated both as a hill drop and drill drop planter. Farmers who are using it claim that it is one-third lighter draft than any runner planter, that it is easier to drive a straight row, and that corn stalks or other trash cannot clog it, as the discs either cut their way through or roll over obstructions. It has been used in fields so wet that a runner planter could not be operated at all. The disc equipment is the only difference between this planter and the regular Gretchen. In the arrangement of the discs the Gretchen differs from any other disc planter. One disc is placed a little ahead of the other, the front disc overlapping the rear disc at the front edge. This arrangement causes the discs to cut out a clean furrow and practic-



GRETCHEN DISC PLANTER.

ally does away with the V-shaped ridge in the center. The bearing is chilled, making them extra hard, and the spindle is removable and can be replaced without the expense of an entire new shank.



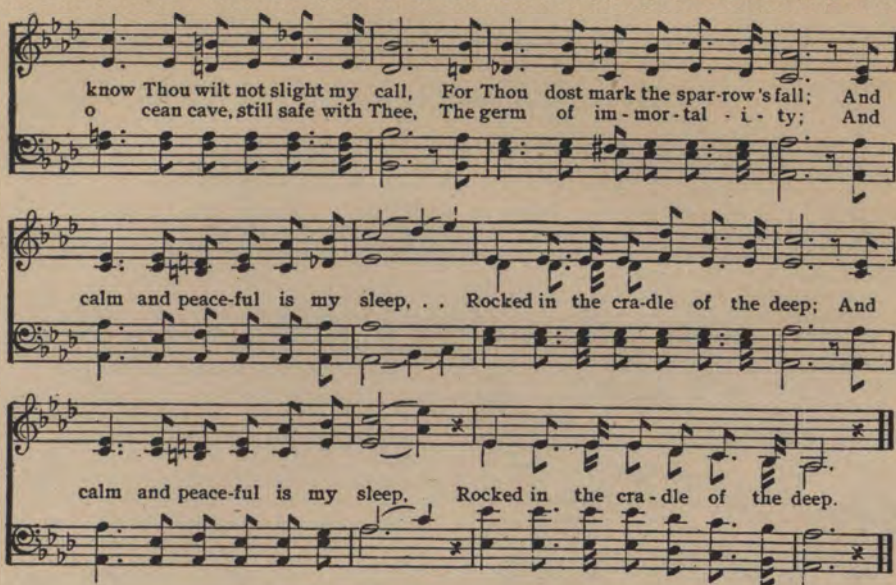
MOLINE PLOW CO., Moline, Illinois.

Gentlemen: I wish to congratulate you on the New Gretchen Disc Planter. I have some of them in the field and the farmers say they are the "best yet." You can put them out with the strongest guaranty. The discs do the work to perfection and will not clog in wet ground, and will plant corn on ground that has not been plowed.

Yours truly,

E. I. HOLLY, Erie, Kas.

Rocked In the Cradle of the Deep—Concluded.



know Thou wilt not slight my call, For Thou dost mark the spar-row's fall; And
o cean cave, still safe with Thee, The germ of im-mor-tal-i-ty; And

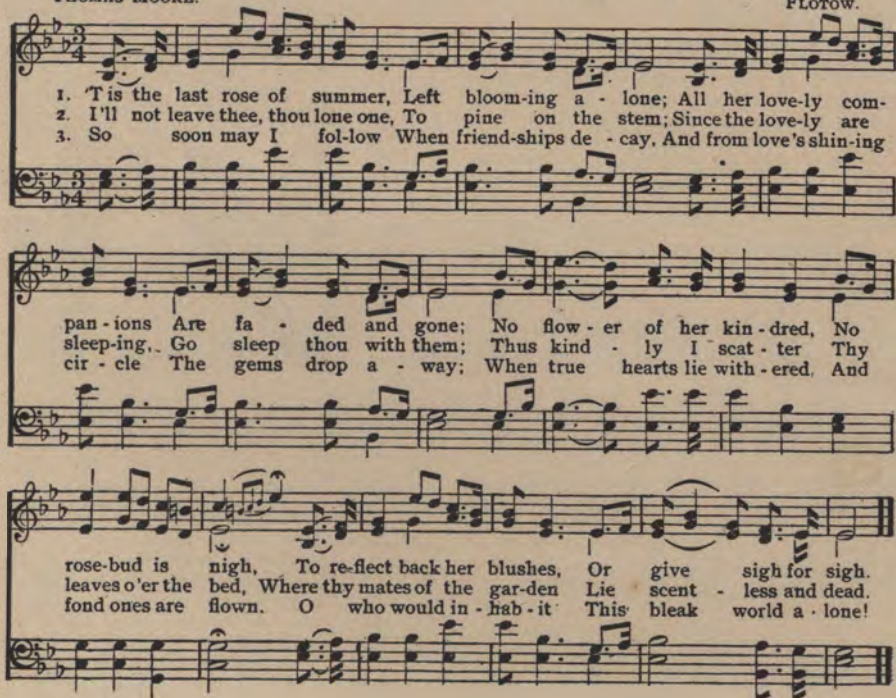
calm and peace-ful is my sleep, . . . Rocked in the cra-dle of the deep; And

calm and peace-ful is my sleep, Rocked in the cra-dle of the deep.

The Last Rose of Summer.

THOMAS MOORE.

FLOROW.



1. 'Tis the last rose of summer, Left bloom-ing a - lone; All her love-ly com-
2. I'll not leave thee, thou lone one, To pine on the stem; Since the love-ly are
3. So soon may I fol-low When friend-ships de - cay, And from love's shin-ing

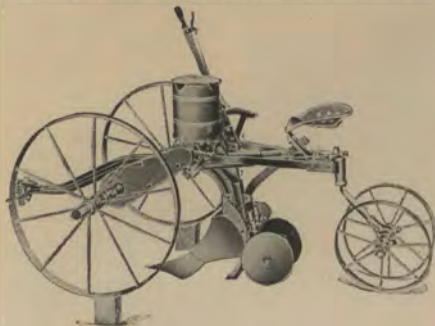
pan-ions Are fa - ded and gone; No flow-er of her kin-dred, No
sleep-ing, Go sleep thou with them; Thus kind-ly I scat-ter Thy
cir-cle The gems drop a - way; When true hearts lie with-ered, And

rose-bud is nigh, To re-flect back her blushes, Or give sigh for sigh.
leaves o'er the bed, Where thy mates of the gar-den Lie scent - less and dead.
fond ones are flown. O who would in-hab-it This bleak world a - lone!

EASY MONEY LISTER.

WHEN a man secures a bargain it is generally referred to as "easy money." That is where this lister gets its name. Nowhere can the farmer get so much lister value for so small an investment.

The Easy Money is as strong as any lister made and weighs less. This desirable combination not



EASY MONEY LISTER.

only makes a machine of extremely light draft, but supplies the farmer with a first class lister at a very moderate cost.

It has a chain drive and but one chain is used. This runs directly from the driving wheel to the seed shaft and is so arranged that the distance between the two sprocket wheels is always the same when raising or lowering lister. This keeps the chain at the same tension all the time. On other machines of this kind the chain is usually tight in one position and loose in another.

There is no extra lever to operate or other mechanism to bother with in order to stop the planting device when the bottom is raised. Raising the bottom stops the planting automatically.

It will be noticed by a glance at the cut that there is a shield above moldboards to prevent anything from working over and interfering with the covering device. There is ample clearance at this point and trash will not gather under the beam.

Two lifting springs are used, one on each side, which not only make a very easy lift, but do away with the side strain that one spring gives. These springs are covered with sheet steel tubes to prevent dirt from getting in between the coils and interfering with the working of the springs.

The steel bar extending from the back of the bottom up to the frame holds the bottom steady in its proper position in the ground and assists in raising the covering device when the lister is raised. This bar is adjustable to give the lister any suction desired.

Many listers of this class give much trouble on account of upsetting when turning around. The front wheels on the Easy Money are well forward when the lister is in operation, and the rear wheel is back far enough to steady the machine and hold it directly behind the team. When raising out of the ground for turning, the rear wheel moves forward while the

front wheels move backward, which brings the three wheels close together and extends the hitch, giving good leverage on the beam for turning. Most other listers when raised move the front wheels forward, making it extremely difficult to turn without upsetting. This forward motion of the front wheels on the Easy Money also gives good clearance between the moldboards and wheels when in operation.

When the lister is in operation the rear wheel is locked, but when the lister is raised this wheel is free to caster. This is accomplished by the very simple manner of mounting the rear axle in the tail block and requires no pawl and ratchet with complicated connection with the raising lever.

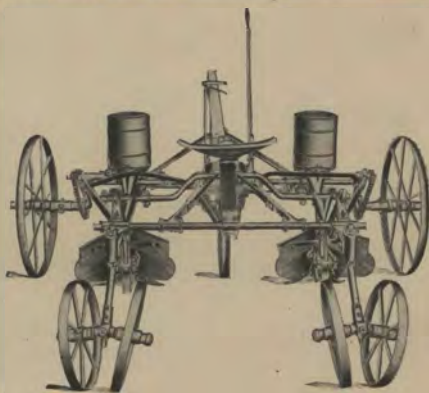
The seed can is made so that either corn or cotton may be planted.

The Easy Money has dust proof, long distance hub boxes, and can be equipped with either shovel or disc coverers as ordered.



DOUBLE EASY MONEY LISTER.

THE Double Easy Money Lister differs materially in construction from any tool for the purpose ever offered the farmer, and every difference is a decided advantage. Instead of being constructed with a heavy frame that adds useless weight and prevents flexibility, this lister has three wheels so



DOUBLE EASY MONEY LISTER.

connected that they adapt themselves to the uneven surface of the ground and do not affect the depth of plowing. On the common type of double lister with but two wheels the depth of plowing is seriously affected by the uneven surface of the ground and the frame is on a constant strain.

Each seeding device is operated by its outside wheel, and both are thrown out of gear when bottoms are raised. An inspection of this tool by any lister farmer will satisfy him as to its merits, but a trial in the field is sure conviction. That is where its advantages show up most prominently. It has good clearance, does not clog, is light draft, and turns in the least possible space. It is Flying Dutchman originality and Flying Dutchman quality.

The Old Oaken Bucket.

SAMUEL WOODWORTH.

1. How dear to my heart are the scenes of my childhood, When fond rec-ol- lec- tion pre-
 2. That moss-covered buck-et I hailed as a treas-ure, For oft - en at noon, when re-

CHO.—The old oak-en buck-et, the i-ron-bound buck-et. The moss-cov-ered buck-et that

FINE.

sents them to view; The or-ward, the mead-ow, the deep-tan-gled wild-wood, And
 turned from the field, I found it the source of an ex-quis-ite pleas-ure, The
 hung in the well.

ev - 'ry loved spot which my in - fan - cy knew; The wide-spreading pond, and the
 pur - est and sweet-est that na - ture can yield; How ar - dent I siezed it, with

mill that stood by it, The bridge and the rock where the cat-a - ract fell; The cot of my
 hands that were glowing, And quick to the white-pebbled bot-tom it fell; Then soon, with the

D. C. for Chorus.

fa-ther, the dai - ry-house nigh it, And e'en the rude buck-et that hung in the well.
 emblem of truth o - ver - flow-ing, And dripping with cool-ness, it rose from the well.

In the Gloaming.

META ORRED.

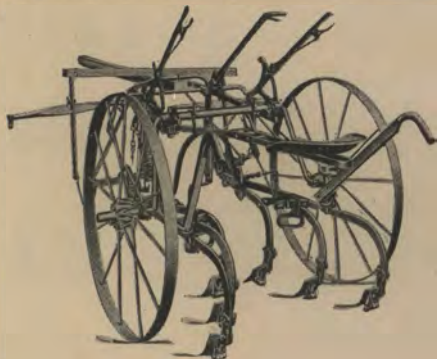
Andante.

ANNIE F. HARRISON.

1. In the gloaming, O my dar-ling! when the lights are dim and low, And the qui-et
 2. In the gloaming, O my dar-ling! think not bit - ter - ly of me, Tho' I passed a-

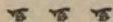
BALANCE FRAME ADJUSTABLE AXLE DANDY CULTIVATOR.

THE Balance Frame Adjustable Axle Dandy is the latest addition to the well known and highly successful line of Dandy Cultivators, and presents some especially valuable features. It has a long, easily operated balancing lever mounted on a rock-shaft at the forward part of the frame. The lever controls both ends of the axle in one movement, thus giving the axle a brace on each side. It is adjustable in width to fifty-two inches. This adjustment is made simply by loosening a set screw and sliding the axle to the width desired. The one and one-quarter-inch steel pipe through which the inside ends of the axle pass adds great strength to the frame. The wheels are forty inches high and have long distance perfectly dust proof boxes. The large chamber inside of the



BALANCE FRAME ADJUSTABLE AXLE DANDY.

wheel box will hold enough hard oil for a two thousand mile run. The seat bar is adjustable in height. It has a joint by means of which the seat may be folded forward when it is desired to use the cultivator as a walker. The lifting rod may be used either rigid or with a yielding spring. The foot lifts enable the operator to lift the beams without dropping the lines or touching the lever. The spring equipment and foot lifts do away with all heavy lifting, making the operation of the cultivator boy's work.

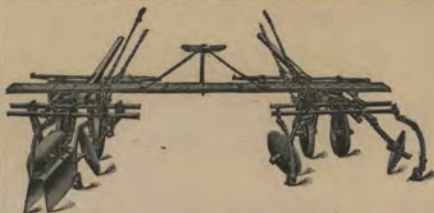


SUPREME LISTER CULTIVATOR.

THE wheels used on the Supreme Lister Cultivator are of pressed steel, disc shape. This shape causes them to stick to the trenches without any tendency to climb. They have chilled hub bearings and run on a one-inch spindle, which gives strength and a large wearing surface. The screw caps on the wheel and disc hubs are dust proof and oil tight. These parts are oiled by filling the cap with hard oil and screwing it up, thus forcing the oil through the bearings.

All adjustments as to width are accomplished by changing the various parts on the square shafts. The discs may be set at any desired angle by means of

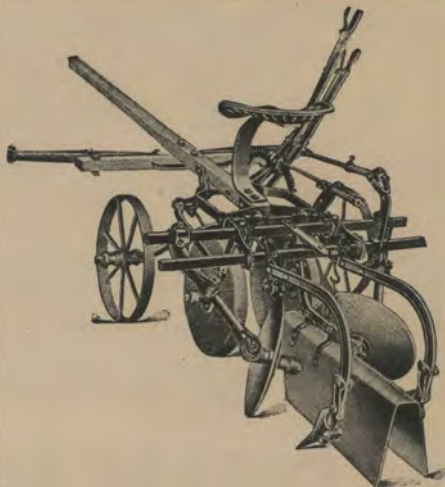
the corrugated adjustment nearest the disc; the discs may also be tilted by mean of the round sleeve adjustment. The shields are one long piece, arched, and will prevent the plants from being covered. The



SUPREME TWO-ROW LISTER CULTIVATOR.

seat plank always holds each cultivator level, still permitting it to move from side to side with perfect ease. The wheels and disc arms have independent lever connections. The wheels are mounted on one square shaft, and the discs on another, giving the entire length of the pipe for disc adjustment. The shovels may be raised or lowered with the independent levers, but when the discs are raised out of the ground the shovels are also raised.

Raising the machine out of the ground automatically balances the weight of the operator. This is a very important feature and accomplished in a simple manner. The cut of the cultivator shows one side set for first cultivation and the other for second. The combination of the various parts is such that the forward motion of the cultivator assists materially in raising it out of the ground. The raising levers stand at an angle that places them in convenient reach of the operator. The discs are 16 inches in diameter.



SUPREME ONE-ROW LISTER CULTIVATOR.

This machine is, in reality, a single section of our popular two-row machine, and is as efficient. Farmers using a single-row lister cultivator will find the Supreme without a superior.

In the Gloaming—Concluded.

Rall. *Agitato.*

shadows fall - ing, soft - ly come and soft - ly go; When the winds are sob - bing faint - ly,
way in si - lence, left you lone - ly, set you free; For my heart was crushed with longing;

Con anima.

with a gen - tle, unknown woe, Will you think of me, and love me, as you did once
what had been could nev - er be; It was best to leave you thus, dear, best for you and

1 2 *Rall.* *Cres.*

long a - go?
best for . . . me; It was best to leave you thus, best for you and best for me.

Good-Night, Ladies.

f Sostenuito.

1. Good-night, la - dies!	Good-night, la - dies!	Good-night, la - dies!
2. Fare - well, la - dies!	Fare - well, la - dies!	Fare - well, la - dies!
3. Sweet dreams, la - dies!	Sweet dreams, la - dies!	Sweet dreams, la - dies!

Allegro.

We're going to leave you now. Mer - ri - ly we roll a - long,

Repeat pp.

roll a - long, roll a - long, Mer - ri - ly we roll a - long, O'er the dark blue sea.

DOUBLE DUTCHMAN CULTIVATOR.

CORN growers who have a large acreage and feel the pinch of a scarcity of help are not slow to see the benefits that accrue to the owner of a first class two-row cultivator. They realize that it does the work of two single row machines and does it just as



DOUBLE DUTCHMAN CULTIVATOR.

well; that it is as easy to operate as a single row and breaks down less corn; that it saves the expense of one man and one horse.

There are a number of features essential to a successful two-row cultivator.

1. It must be strong.
2. It must light. Unnecessary weight is just that much extra wear upon the team and a waste of horse-flesh.
3. It must be compact and neat in order to secure the foregoing features.
4. It must be under perfect control of the operator at all times or the crop is liable to serious damage.
5. In order to be under perfect control it must be easy to operate, hence very sensitive to the operator's movements.
6. The operative parts must be conveniently arranged or cultivating will prove a tiresome job.
7. Must have independent adjustments for each beam.

All these necessary details are combined in the Double Dutchman in the most perfect form. It has many distinctive points. It is a combination pivot



DOUBLE DUTCHMAN WITH SURFACE ATTACHMENT.

wheel and guiding beam cultivator. When the beams are shifted to either side the wheels also pivot and cause the cultivator to travel in the same direction. The beams are fastened rigidly to the arch and have a parallel motion when shifted sideways. They cultivate the same amount of soil all the time. The foot levers are convenient and will not tire the operator.

In sections where listers are used the distance between rows often varies. The center lever is provided for this irregularity. With this lever all four beams are moved inwardly or outwardly as desired. Shovels may also be set to work any desired distance from the plants. Beams are connected by our patented adjustable yoke. The Double Dutchman is also furnished, when ordered, with surface attachment as shown in the foregoing cut.



SINGLE DUTCHMAN CULTIVATOR.

THE Single Dutchman is a one-row machine built along the lines of the Double Dutchman. It is astonishing what little effort is required to guide the cultivator, and marvelous what perfect work it does in crooked rows. It must be seen in the field to be fully appreciated. That is where it shows up to best advantage and no farmer can operate it without expressing surprise and delight.



SINGLE DUTCHMAN CULTIVATOR.

The foot levers are so conveniently arranged that they form a comfortable rest for the feet and do not tire the operator. The power is applied by an easy and natural motion of the leg, much more satisfactory than the up and down and spreading motion found on other cultivators. Another point in their favor is that they follow the direction of the cultivator and do not interfere with the plants. For instance, if it is desired to swing to the left to dodge a hill out of line, pressure is applied to the left foot lever, which swings to the left around the plant without touching it.

It is well known that the motion of the cultivator will help shift the wheels rearward to balance the cultivator, and on other makes requires considerable power to return the balance lever, but on the Dutchman a slight pressure on both foot levers assists in this operation.

Wheels have concave tires and dust proof boxes. To oil the cultivator, remove the screw caps from ends of hub boxes, and fill with hard oil. In replacing them screw up tightly. This will force the oil through the entire bearing.

Columbia, the Gem of the Ocean.

Spirited

1. O Co-lum-bia, the gem of the o-ccean, The home of the brave and the free.
2. When war winged its wide des-o-la-tion, And threatened the land to de-form,
3. The star-spangled banner bring hith-er. O'er Co-lum-bia's true sons let it wave;

The shrine of each patriot's de-votion, A world of fers homage to thee.
The ark then of freedom's foun-da-tion, Co-lum-bia, rode safe thro' the storm:
May the wreaths they have won never wither, Nor its stars cease to shine on the brave.

Thy mandates make he-roes as-sem-ble, When Lib-er-ty's form stands in view;
With the gar-lands of vic-t'ry a-round her, When so proud-ly she bore her brave crew,
May the serv-ice, u-ni-ted, ne'er sev-er, But hold to their col-ors so true;

Thy banners make tyr-an-ny tremble, When borne by the red, white and blue;
With her flag floating proudly be-fore her, The boast of the red, white and blue;
The ar-m-y and na-vy for-ev-er, Three cheers for the red, white and blue;

When borne by the red, white and blue, When borne by the red, white and blue,
The boast of the red, white and blue, The boast of the red, white and blue,
Three cheers for the red, white and blue. Three cheers for the red, white and blue,

Thy banners make tyr-an-ny trem-ble, When borne by the red, white and blue.
With her flag proud-ly float-ing be-fore her, The boast of the red, white and blue.
The ar-m-y and na-vy for-ev-er, Three cheers for the red, white and blue.

LAY BY LISTER CULTIVATOR.

THE "Lay By" is built to meet the demand that has arisen for a two-row lister cultivator that will do the work that heretofore has required two machines to accomplish. Growers of listed corn have found it necessary to use two cultivators: a lister cultivator for first and second cultivations, and, on account of the height of the corn, a higher machine for finishing the crop. The Lay By does away with one machine. No other cultivator is required. It handles the corn from start to finish and does the best work all the time.



LAY BY LISTER CULTIVATOR.

Provision has been made in its construction for all necessary or desirable adjustment; it is easily controlled and has strength to spare.

While the plants are small and in the bottom of the trench, the cultivator is set close as shown in left hand side of the accompanying picture. In this position the discs and shovels cultivate the sides and bottoms of the trenches. The plants are well protected by the closed top shields.

As the plants increase their growth it is necessary to keep the weeds down and at the same time throw some of the soil from the banks into the trenches close to the corn. This is accomplished by reversing the discs, setting them, generally, as shown in right hand side of picture. After this operation the ground is almost level and the ordinary lister cultivator is useless as the trench is gone, leaving nothing to guide the machine, and besides, the corn at this stage is too high for the common type of lister cultivator. For these reasons the Lay By is built high and provided with wheel guide, making it easy to control in the level field after the trenches have been destroyed. It also adjusts itself to the unevenness of the rows. The frames, or wheel standards, are adjustable, so that they can be narrowed to fit the different size trenches, and can be widened, or set apart, when the trenches are gone. When laying by corn, the discs throw the soil up to the plants, while the shovels cultivate the centers, leaving the field in perfect condition.

The frames can be adjusted by simply turning the adjusting rod under the frames. It is not necessary to take the entire cultivator apart and rebuild it in the field. The value of this feature should not be underestimated.

It has a wheel guide, the only effective means of guiding a cultivator of this style.

Levers are within easy reach of the operator.

It has an independent lever to operate the shovels.

It has a yoke between beams to keep the beams from spreading or coming together. This is another feature of the utmost importance, as a disc and shovel

both set to throw the soil the same way exert considerable power and unless connected by a yoke it will be impossible to hold them in place.

The draft draws the beams into the ground.

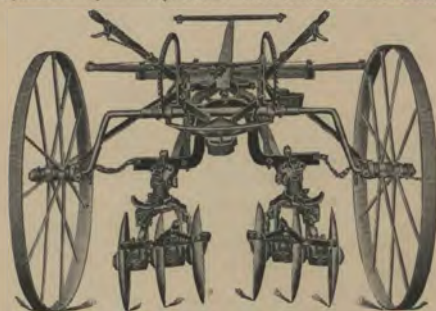
Discs, shovels and shields are raised by the operation of one lever. Springs make this easy.

The clearance is as great as the ordinary cultivator.



NEW CAPTAIN KIDD DISC CULTIVATOR.

THIS cultivator, being constructed almost entirely of steel, admits of the frame being very light without any sacrifice of strength. The operator is given a clear view of his work, and the implement presents a neat appearance. The frame is attached to the pole on a pivot, enabling the operator to swing the cultivator either to the right or left to cultivate hills not planted in direct line, the cultivator meanwhile traveling straight. Hills out of the row are easily cultivated around without cutting or destroying any of the stalks. The frame is made rigid at pleasure. The Captain Kidd is easily controlled and quickly adjusted for cultivating at any depth required. The soil can be thrown up to the corn and all the surface pulverized without in any way disturbing the growing roots. The gangs can be worked close up to the plant without danger of cutting it. They are operated by an adjustable foot rest and are easily



NEW CAPTAIN KIDD DISC CULTIVATOR.

moved from side to side. They are adjustable and can be set to or from the rows and at any angle for hilling up or laying by corn, or for cultivating listed corn. They are held in the ground by the weight of the frame and the driver, assisted by pressure springs which can be adjusted to give any weight on the gangs that is desired, adapting the cultivator to all conditions of soil and permitting the cultivation of corn when the ground is hard and dry. The scrapers are held to the discs by spring pressure. When not desiring to use them they can be thrown from the discs by a foot lever and are automatically locked in that position and can be applied to or thrown from the discs as often as desired without stopping the team. The shields are long and are adjustable in width. The axle is also adjustable. Leveling blades can be attached and are useful in many ways. They effectually crush the clods and leave the ground smooth and even. The arms are made of spring steel, are adjustable and can be placed at almost any angle.

Annie Laurie.

Lady JOHN SCOTT.

1. Max-wel-ton's braes are bon-nie, Where ear-ly fa's the dew, And 'twas there that An-nie
 2. Her brow is like the snaw-drift, Her throat is like the swan; Her face it is the
 3. Like dew on th'gow-an ly-ing Is th'fa'o'her fair-y feet, And like winds in sum-mer

Lau-rie Gave me her promise true; Gave me her promise true, Which ne'er forgot will be,
 fair-est That e'er the sun shone on; That e'er the sun shone on, And dark blue is her e'e,
 sigh-ing, Her voice is low and sweet; Her voice is low and sweet, And she's a' the world to me,

And for bon-nie An-nie Lau-rie I'd lay me down and dee.

Comin' Thro' the Rye.

ROBERT BURNS.

1. If a bod-y meet a bod-y, Com-in' thro' the rye, If a bod-y
 2. If a bod-y meet a bod-y, Com-in' frae the town, If a bod-y
 3. Among the train there is a swain I dear-ly love my-sel'; But what's his name, or

kiss a bod-y, Need a bod-y cry? } Ev-'ry las-sie has her lad-die,
 greet a bod-y, Need a bod-y frown? }
 where's his hame, I din-na choose to tell.

Nane, they say, ha'e I, Yet a' the lads they smile on me, When comin' thro' the rye.

NEW TEXAS DANDY COMBINED CULTIVATOR.

THE New Texas Dandy is in every particular a first class implement and its many new and desirable features must at once impress the practical farmer. It was built especially to meet the peculiar conditions found in the South. It has a steel frame; is provided with balancing adjustment to accommodate operators of different weight. The lifting levers work



NEW TEXAS DANDY COMBINED CULTIVATOR.

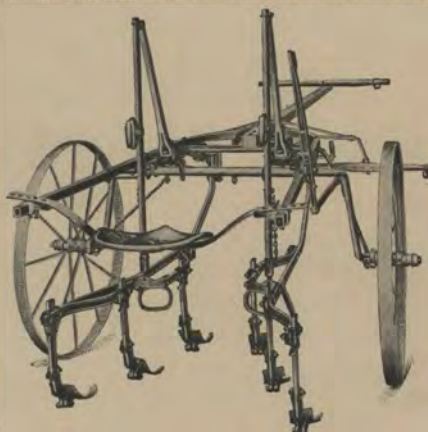
on a fine tooth ratchet, which makes very close adjustment. It is also provided with compensation springs. An important feature of the New Texas Dandy is the adjustable axle. By means of this adjustment the distance between the wheels may be easily increased or decreased. The value of this device will be readily appreciated by farmers who diversify their crops and of necessity have to cultivate rows of different width. All that is necessary to make the adjustment is to loosen the two set-screws in the collars, draw out or push in the axles to desired width and tighten screws again. The seat bar is hinged, and may be laid forward when used as a walking cultivator. The automatic spring trip used on this cultivator is a very desirable feature in stumpy land. It prevents breaking shovels and save the labor of making and the annoyance of carrying wooden break pins. The spring trip is provided with an up and down adjustment. Shanks are made of one and a quarter-inch round steel and have lateral adjustments on the beam. The shanks may also be raised and lowered. The shanks and blocks may be moved along the pipe to any position desired; they may be set close together on the beam or placed far apart. The shank blocks are locked in position by means of a wedge-bolt, and the shank is fastened with a welded eye-bolt clamp. The square pipe has but one hole and that is at the front end. These features give ease of adjustment, strength and simplicity. The adjustable yoke is a very convenient device, permitting the operator to vary the distance between the gangs at will. This is covered by patent. The handles

are attached to the gangs by means of handle blocks which may be adjusted to suit the convenience of the operator when riding as well as when walking.



DUTCH UNCLE CULTIVATOR.

THE Moline Plow Company manufactures all told, thirty-nine different styles of cultivators, while the different kinds of beams that can be used with them runs up into the hundreds. In a book of this size it would not be practical to attempt to show them all. The best that can be done is to illustrate the leading classes. The Dutch Uncle, shown above, is an old-time favorite in the corn belt, and grows in popularity with each succeeding season. Simplicity is the keynote of its construction, as a glance at the picture will show. There is but one lever on this cultivator and it is used to balance the frame for operator of any weight. This lever operates directly on each end of axle, which relieves axle of considerable strain. The cultivator is adjustable in width. The adjustment is made by sliding the axle ends in or out in the pipe. Wheels have long distance dust proof removable boxes. There is only one pair of springs, but they answer a three-fold purpose: they lift the gangs clear up, they provide a yielding spring in case of a dead furrow, and also allow of keeping shovels at an even depth although the wheels run over an obstruction. The spring has an adjustable stop block which can be set to run the shovels at any desired depth. Cultivator is all steel except the pole and singletrees. The evener is steel and the main



DUTCH UNCLE CULTIVATOR.

frame is made of square steel pipe. It has all the advantages of a hammock seat without the disadvantages, for the seat strap is held from swinging back by its proper connection to the frame. Another good feature of this cultivator is that while at work in the field the gangs can be raised, lowered and guided entirely with the feet, and when work is finished they can be thrown up, where they will remain while transporting the machine.

Swing Low, Sweet Chariot.

Slave hymn.

Swing low sweet char - i - ot, Com - ing for to car - ry me home;

Swing low sweet char - i - ot, Com - ing for to car - ry me home.

mf
 1. I looked o - ver Jor - dan, and what did I see, Com - ing for to car - ry me
 2. If you get there be - fore I do, Com - ing for to car - ry me
 3. The bright - est day that ev - er I saw, Com - ing for to car - ry me
 4. I'm some - times up and some - times down, Com - ing for to car - ry me

D. C.
 home? A band of an - gels com - ing aft - er me, Com - ing for to car - ry me home.
 home, Tell all my friends I'm com - ing too, Com - ing for to car - ry me home.
 home, When Je - sus washed my sins a - way, Com - ing for to car - ry me home.
 home, But still my soul feels heav - en - ly bound, Com - ing for to car - ry me home.

Those Evening Bells.

Fine.
 1. Those eve - ning bells! those eve - ning bells! How many a tale their mu - sic tells,
 2. Those joy - ous hours have passed a - way, And many a heart that then was gay,
 3. And so 'twill be when I am gone, That tune - ful peal will still ring on,

D. C.
 Of youth and home, and that sweet time When last I heard their sooth - ing chime.
 With - in the tomb now dark - ly dwells, And hears no more those eve - ning bells.
 While oth - er bards shall walk these dells, And sing your praise, sweet eve - ning bells.

MICHIGAN CULTIVATOR.

THE Michigan Cultivator is built especially for localities where narrow row crops are grown, such as beans, potatoes and tobacco. It can be narrowed down to cultivate rows planted as close as twenty-eight inches, and with our exclusive and special style of beam will still give plenty of room between



MICHIGAN CULTIVATOR.

the beam and wheel. By a glance at the rear view of the cultivator, as shown by above cut, it will be seen that the beams are entirely different and far superior to any other on the market. The ordinary 8-shovel beams found on other makes of cultivators are of the diagonal style, with shovels in a straight line from inside to outside. This style of beam, cultivating rows planted twenty-eight inches apart, throws the last or outside shovel close up to the outside row and makes a trench close to the plants, which under all conditions is harmful to the crop. And besides, if there are clods and trash in the field they will be rolled along from one shovel to the other, and finally lodged against the plant row. With our style of beam the third shovel works close to the outside row and makes a trench that is filled by the fourth shovel in the rear and to the inside. The last shovel always leaves a trench, but our beam is so built that the trench comes near the center of the row. By this arrangement of shovel's clods and trash instead of being left along the plant row will be thrown to the center between rows. The beams are of the rigid style, slidably mounted on a cross-bar on the frame, and by means of the center lever can be instantly widened or narrowed while the cultivator is in operation. The hitch is such that the draft holds the beams to the ground.

It is a well known fact that a short beam that is attached to a coupling, capable of swinging from side to side, does not cultivate the same amount of soil at all times. When the beam is swung in the shovels come closer together and often line up back of the front shovel, and when swung outward the distance between the shovels becomes so great that much of the soil is uncultivated. The beams on the Michigan Cultivator do not have the swinging motion, but are

drawn straight ahead and always cultivate the same amount of soil. By means of the foot lever both beams may be shifted bodily from side to side as desired, accomplishing the same result as the swinging coupling without the objections mentioned.

Our guiding device is a very neat and thoroughly reliable pivot axle in combination with an arrangement for shifting both beams to the same side that the wheels are turned, thus making the guide very effective.



DUCHESS COTTON AND CORN PLANTER.

THE Duchess is made of high grade steel and malleable iron. Has a heavy steel frame. It is correctly balanced on the wheels and the hitch is so arranged that there is no neck weight. The bottom is always level when raised or lowered. Bottom can be raised when planter is at work—this is a decided advantage over other makes and can be accomplished only by our arrangement of lifting device. The wheels are high and strong and the distance between them may be varied to suit the nature of the work. Any shape of sweep can be used, and by the adjustment of the foot piece can be set at just the right angle for perfect results. The variation in styles of shapes and sweeps used makes the adjustment of foot piece of vital consideration in any planter. The Duchess has five adjustments, giving great variation in pitch from highest to lowest point, while the intermediate adjustments permit of changing the pitch to work any bottom at the angle desired. Can be used without sweep or middle-

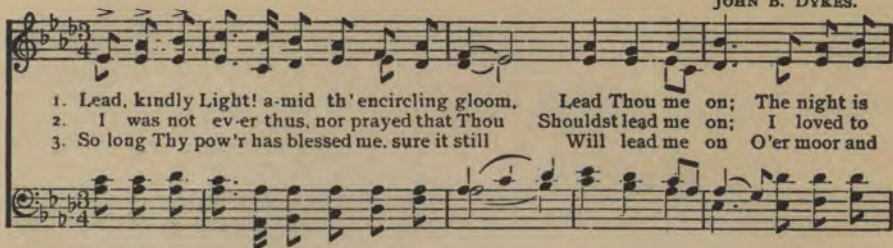


DUCHESS COTTON AND CORN PLANTER.

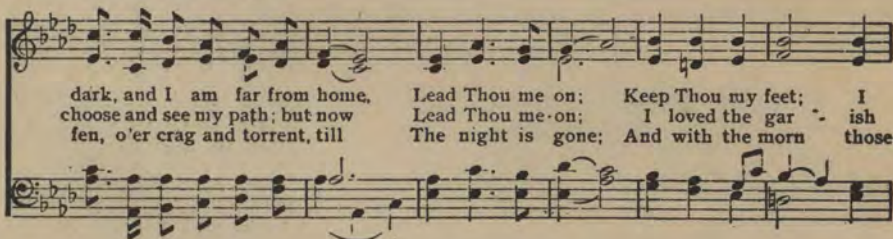
breaker, simply as a planter. The covering shovels are raised and lowered by means of an independent foot lever conveniently arranged. This is a very desirable feature, as the shovels can be raised independently of the middle-breaker while the planter is in operation, thus clearing them of any trash that may have gathered around them. Axle is made of 1½-inch high carbon steel, and runs in chilled bearings that are practically indestructible. Can flat break, throw out middles, or break up trenches between rows. Can plant on top of the ridge or in the bottom of the trench—all changes for this scope of work can be made with one lever while going along.

Lead, Kindly Light.

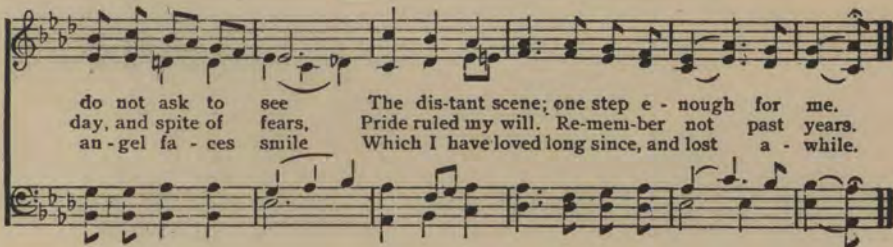
JOHN B. DYKES.



1. Lead, kindly Light! a-mid th' encircling gloom, Lead Thou me on; The night is
2. I was not ev-er thus, nor prayed that Thou Shouldst lead me on; I loved to
3. So long Thy pow'r has blessed me, sure it still Will lead me on O'er moor and

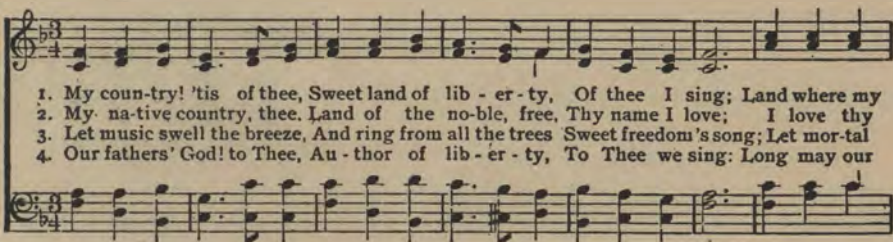


dark, and I am far from home, Lead Thou me on; Keep Thou my feet; I
choose and see my path; but now Lead Thou me on; I loved the gar-ish
fen, o'er crag and torrent, till The night is gone; And with the morn those

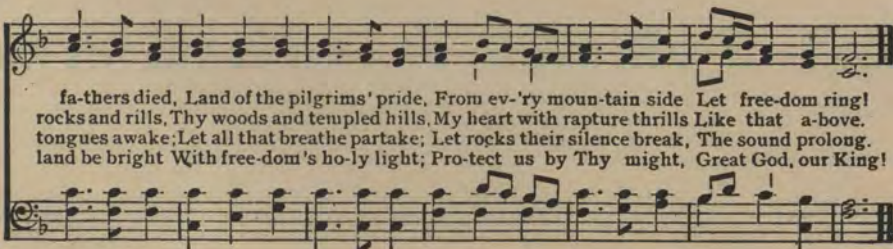


do not ask to see The dis-tant scene; one step e-nough for me.
day, and spite of fears, Pride ruled my will. Re-mem-ber not past years.
an-gel fa-cies smile Which I have loved long since, and lost a-while.

America.



1. My coun-try! 'tis of thee, Sweet land of lib-er-ty, Of thee I sing; Land where my
2. My na-tive country, thee, Land of the no-ble, free, Thy name I love; I love thy
3. Let music swell the breeze, And ring from all the trees Sweet freedom's song; Let mor-tal
4. Our fathers' God! to Thee, Au-thor of lib-er-ty, To Thee we sing: Long may our



fa-ters died, Land of the pilgrims' pride, From ev-ry moun-tain side Let free-dom ring!
rocks and rills, Thy woods and templed hills, My heart with rapture thrills Like that a-bove.
tongues awake; Let all that breathe partake; Let rocks their silence break, The sound prolong.
land be bright With free-dom's ho-ly light; Pro-tect us by Thy might, Great God, our King!

BEST EVER SULKY AND GANG PLOWS.

TO many people, a plow at first glance looks like a simple implement and easy to build. As a matter of fact there is no machine that requires a higher degree of knowledge and skill in designing and building than the perfect plow. The working and wearing qualities of a plow do not depend upon any one or two features, but upon each separate piece designed and made with scientific consideration for its relation to the whole. There are a hundred and one little details that in themselves may not appear to be material, but combined they exert an influence that contributes to



BEST EVER SULKY PLOW.

perfection, while the lack of attention to them marks the inferior tool.

And then there is the question of material. The farmer buying a plow cannot protect himself in the same way that he does in buying a horse. He can examine the horse for ringbone, curbs, spavins, and sweeny, put it through the paces to test its wind, and otherwise discover its blemishes and deficiencies. He cannot tell what is hidden by the bright paint and smooth varnish on the plow. It has no telltale teeth, its endurance is an unknown quantity and its efficiency problematical. The beams may be low carbon steel that have the size and weight, but lack strength. Smaller beams of higher carbon might stand twice the strain. The coulters may look all right, but who can say the first stone won't turn the edge like a piece of tin? The malleable and cast iron may be without flaws and still be brittle as glass. The moldboard and share may look good and yet be a cheap grade of steel. This is where the trade mark of a house with a reputation to sustain becomes of value to the farmer. It is a guarantee against these things.

The general shape and turn of the moldboard is all important to the working qualities of the plow, and this must be determined with special reference to the character of the soil and varied to suit conditions in different localities. After the moldboard has been shaped to insure greatest efficiency in quality of work, then comes the equally important matter of so constructing the entire bottom as to guarantee the maximum of strength and endurance. Without these essential features the farmer has not received full

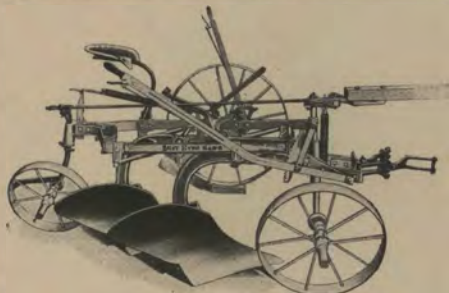
value on his plow investment. Plow bottoms are expensive repairs in themselves, and more expensive in time lost in plowing season by having to take them to a blacksmith to have them patched up.

The selection of material is a prime factor. Steel varies in grade and cost. We use nothing but the cream of the product and even that is tested and inspected in the rough shab and during the various operations in the shop, the last inspection being made just before the colorless, rust-preventing lacquer is put on previously to sending them to the storeroom. The moldboard, share and landside are all of high grade soft center material. The moldboard is double shin, share reinforced and landside beaded. Moldboards may be either single, upset or double thickness at the shin, meaning by "shin" the front edge just over the joint, the point that receives the severest strain and greatest wear. The single shin is the same thickness as the rest of the board; the upset shin is thickened somewhat by striking the edge of the board at this point while it is red hot; the double shin has a piece of hard steel welded on top of the moldboard at this point, and conservatively stated, will double the life of the board.

A reinforced share has a plate of soft steel welded on the bottom side before the landside is welded on. This gives extra thickness for welding landside and adds great strength to that part of the share from the first hole forward to the weld.

The beaded landside is flattened out, or lapped over, on the welding edge, which gives more welding surface and makes the strongest joint. From this it will be seen that when we say "the BEST EVER plows have double shin, reinforced share and beaded landside," we mean that nothing looking to superiority has been neglected and that they are the best in every particular that plow experts can conceive and master mechanics execute.

The gang is made with barless bottoms. This gives it a big advantage over plows of the bar type. The



BEST EVER GANG PLOW.

barless style reduces landside friction, thus making lighter draft, and gives better clearance. It is especially valuable in stony ground as it greatly reduces the liability of large stones wedging in between the bottoms and bending the rear beam.

The sliding neckyoke with which these plows are equipped prevents the pole from pushing backward

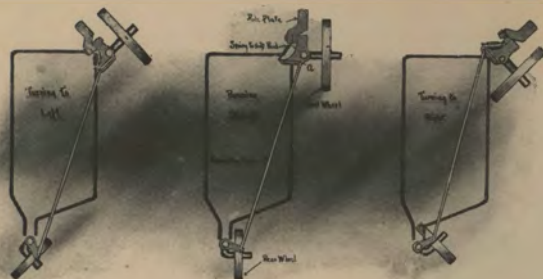
when making a gee turn, or becoming too short when making a haw turn. When in operation it is about in the center of the slide iron.

When the plow is in operation the wheels are set as shown in cut marked "running straight." The front furrow wheel should run a little toward the land and the rear furrow wheel a little away from the land. The connecting rod device between these wheels is

slot marked "a," directly in the rear of the axle stem.

The slotted hole on casting on front axle admits of adjusting the pole so that front furrow wheel may be set at any angle.

The BEST EVER plows have a beam hitch. There has been in the past, considerable useless argument as to whether a beam or frame hitch is preferable. There is no ground for a difference of opinion on the



No. 1

an improvement over that on other plows. It prevents the rear wheel from pushing forward on the rod and causing the pole to crowd the furrow horse. In the cut marked "running straight" it will be noticed that the front end is in position marked "a," directly back of the axle stem, thereby making it impossible for the rear wheel to push the pole to one side as it is on dead center. It is essential to hold the rear wheel always in the direct line of travel when the plow is in opera-

subject. With a beam hitch the load is pulled from the point of greatest resistance, while with a frame hitch the power must be transmitted through the frame to the load.

The front and rear furrow wheels run on inclined axles for three reasons: They receive all friction squarely on the axle bearing; can be held close up in the corner of the furrow, and will not climb the furrow wall, which a straight wheel is sure to do.

The BEST EVER plows are double bail style. The foot lift is very powerful and accomplishes more than any other, with less effort. When the plow is raised the frame is automatically leveled. This is a feature never before successfully accomplished on a foot lift plow and is a matter of convenience and great satisfaction to the operator. It is difficult to ride on a plow with foot operated lift when the seat does not level. With the BEST EVER, when the plow is raised out of the ground for turning, the foot in one motion does the raising and leveling, and leaves the operator in an easy and comfortable position, with both hands free to manage the horses. The foot lever for raising the plow is adjustable, and can be arranged to suit the operator. The adjusting bolt may be set so the plow cannot be locked in the ground. This is valuable when plowing where there are obstructions of any sort. The operator holds his foot lightly on the short lever where it is always in readiness to push it back when an obstruction causes the plow to rise.

Notice the manner in which the front furrow wheel bracket is attached to the frame. This not only gives strength to the frame, but holds the wheel always in the same position, making it impossible for the wheel to spread out and give the front plow on the gang any more than its proper cut.

Cut No. 3 gives a good idea of the great strength in the manner of bracing the beams on the gang,

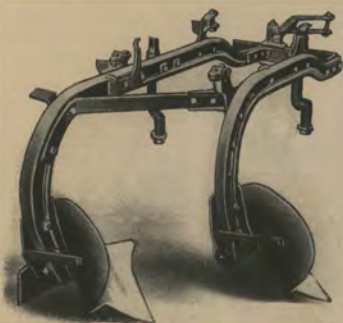


No. 2

tion. While in position at "a" the rear wheel will not be affected by any little side swing of the pole. When making a turn to either right or left, as illustrated, the rear wheel acts as a caster wheel, pushing the rod to the opposite end of the slot, leaving it free to swing. When the team straightens up the pole also straightens the rear wheel and when again in operating position the spring forces the front end of rod back to the

and also shows the steel frog and moldboard braces.

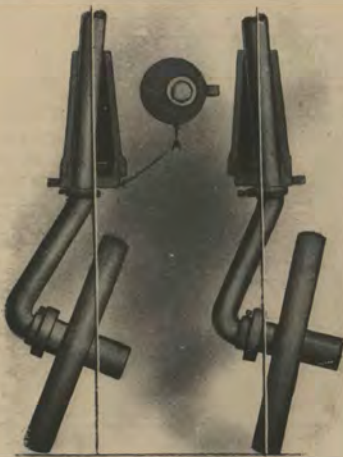
It is often desirable for various reasons to change the side set of the rear wheel. This, with BEST EVER



No. 3

plows, is a very simple operation, requiring but a few seconds. It is accomplished by loosening the set screw and swinging the eccentric ring (marked "A" in cut No. 4) to the position desired. The cut indicates the scope of this adjustment.

The wheels have long distance, perfectly dust proof boxes.



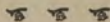
No. 4

The clevis is so arranged that it will at all times hold the eveners up level, greatly reducing the possibility of the traces becoming unhooked.

The Moline Plow Company manufactured and patented the first three-wheeled plow and has always maintained a big lead in the production of this class of tools. It has a long list of successful and popular

plows to its credit, but it takes a particular pride in the BEST EVER SULKIES AND GANGS, representing as they do, the highest type of riding plow and marking the present limit of advancement in plow building.

The plows are of beautiful design, are the limit of simplicity, have abundant strength, and do work with more ease and perfection than has ever been approached by similar plows. Made both right and left hand.



FLYING DUTCHMAN JOINTER.



The Flying Dutchman Jointer is a most efficient attachment. By using the proper clamp it can be worked on either steel or wood beam plows, as well as on sulky and gang plows. Ample provision has been made for adjustment and any desired position can readily be obtained, without the use of tools or troublesome wedges. All that is necessary to tilt the jointer is to loosen the set screw and swing the eccentric ring until the jointer stands in the position required and then tighten the set screw. This makes the finest kind of adjustment. Made both right and left hand.



BRANCH HOUSES MOLINE PLOW COMPANY.

KANSAS MOLINE PLOW CO.,	-	Kansas City, Mo.
NEBRASKA MOLINE PLOW CO.,	-	Omaha, Neb.
MINNESOTA MOLINE PLOW CO.,	-	Minneapolis, Minn.
TEXAS MOLINE PLOW CO.,	-	Dallas, Texas
MISSOURI MOLINE PLOW CO.,	-	St. Louis, Mo.
CALIFORNIA MOLINE PLOW CO.,	-	Stockton, Cal.
WESTERN MOLINE PLOW CO.,	-	Salt Lake City, Utah
CANADIAN MOLINE PLOW CO.,	-	Winnipeg, Man.
COLORADO MOLINE PLOW CO.,	-	Denver, Colo.
SOUTHERN MOLINE PLOW CO.,	-	New Orleans, La.
OKLAHOMA MOLINE PLOW CO.,	-	Oklahoma City, Okla.
DAKOTA MOLINE PLOW CO.,	-	Sioux Falls, So. Dak.
OREGON MOLINE PLOW CO.,	-	Portland, Ore.

BRANCH FACTORIES:

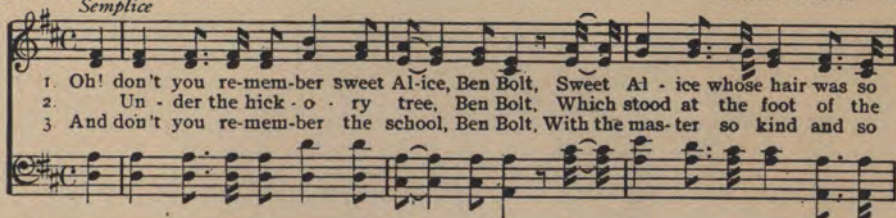
MANDT WAGON CO.,	-	Stoughton, Wis.
HENNEY BUGGY CO.,	-	Freeport, Ill.

Ben Bolt.

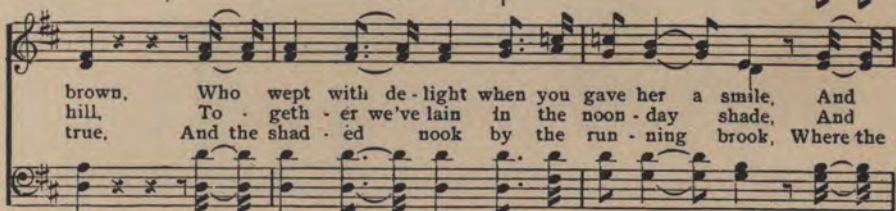
THOMAS DUNN ENGLISH.

NELSON KNEASS.

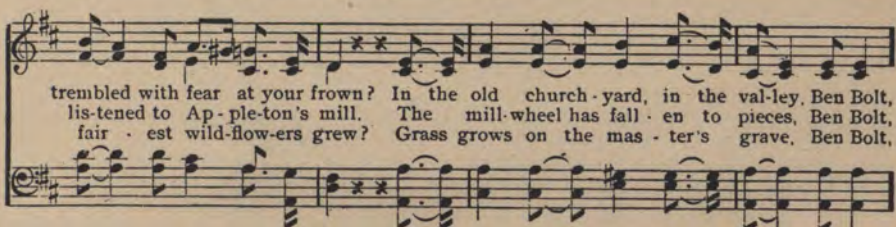
Semplice



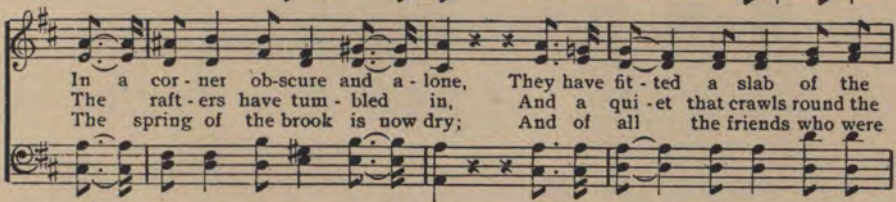
1. Oh! don't you re-mem-ber sweet Al-ice, Ben Bolt, Sweet Al-ice whose hair was so
 2. Un-der the hick-o-ry tree, Ben Bolt, Which stood at the foot of the
 3. And don't you re-mem-ber the school, Ben Bolt, With the mas-ter so kind and so



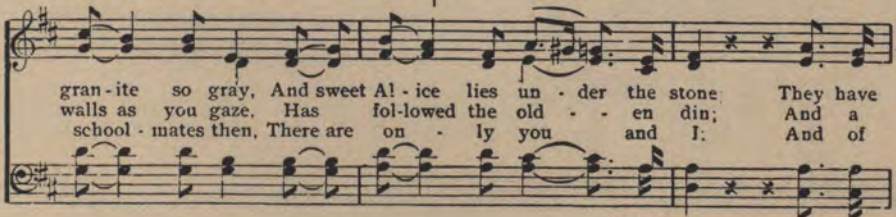
brown, Who wept with de-light when you gave her a smile, And
 hill, To- geth- er we've lain in the noon- day shade, And
 true, And the shad- ed nook by the run- ning brook, Where the



trembled with fear at your frown? In the old church- yard, in the val-ley, Ben Bolt,
 lis-tened to Ap-ple-ton's mill. The mill-wheel has fall- en to pieces, Ben Bolt,
 fair- est wild-flow-ers grew? Grass grows on the mas-ter's grave, Ben Bolt,

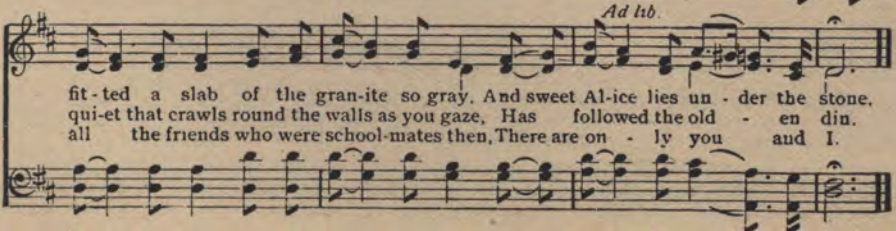


In a cor-ner ob-scure and a-lone, They have fit- ted a slab of the
 The raft-ers have tum- bled in, And a qui- et that crawls round the
 The spring of the brook is now dry; And of all the friends who were



gran-ite so gray, And sweet Al-ice lies un- der the stone; They have
 walls as you gaze, Has fol- lowed the old- en din; And a
 school- mates then, There are on- ly you and I; And of

Ad lib.



fit- ted a slab of the gran-ite so gray, And sweet Al-ice lies un- der the stone,
 qui- et that crawls round the walls as you gaze, Has fol- lowed the old- en din.
 all the friends who were school- mates then, There are on- ly you and I.



HENNEY BUGGIES



High Grade
Cabriolets, Surries, Stanhopes
Concords, Top Buggies
Bike Wagons, Road Wagons
Spring Wagons and
Mountain Spring Work



FAMOUS
FOR SERVICE .'. CELEBRATED FOR
COMFORT .'. RENOWNED FOR STYLE

QUALITY

It is the watchword in our factories. That is the reason we dwell upon it in our advertisements. It is the foundation upon which we have built our business. It is the secret of the confidence the public has in our wares. It is our ambition to give our friends greater value for their money than they can obtain elsewhere. Read what L. H. Brannen, of Tama, Iowa, has to say of our No. 8 job:

Bought August 4, 1904, of Enright Bros. of Tama, Iowa, and put on the road immediately, a Henney buggy which has run twenty-two and one-half miles per day for three and three-quarter years, on a mail route, averaging three hundred and seven days to the year, which gives a total of twenty-five thousand, nine hundred and two miles, or PRACTICALLY ONCE AROUND THE WORLD. In this time not one cent was expended for repairs.

L. H. BRANNEN.

This testimonial came unsolicited from Mr. Brannen. After a severe test of nearly four years he felt so highly pleased with his Henney bargain that he wanted to tell us about it. The picture below tells a story of quality that is even more wonderful.

THE ACCOMPANYING PICTURE shows Mr. C. C. Collins, of Grundy Center, Iowa, his home, his nineteen-year-old horse, and

TWENTY-SIX-YEAR-OLD HENNEY BUGGY.

Mr. Collins is a horseman and says that on this account the buggy has had more than ordinary wear and tear. It has never been painted since he purchased it and is in remarkable condition. The top is an example of the durability of the "Henney welted seam." It is full leather and there isn't a thread broken. The body, body corners, seat risers, gear and wheels are in splendid condition. Mr. Collins informs us that the horse was broken to this buggy seventeen years ago as a two-year-old.

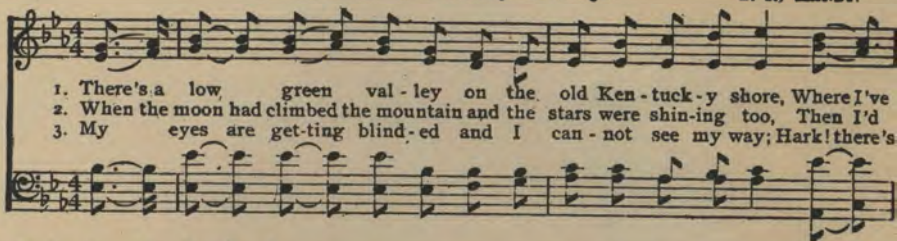


Made by Henney Buggy Company, Freeport, Illinois
BRANCH OF
MOLINE PLOW COMPANY, MOLINE, ILLINOIS

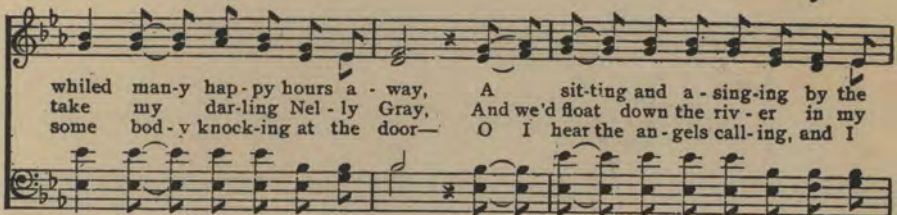


Darling Nelly Gray.

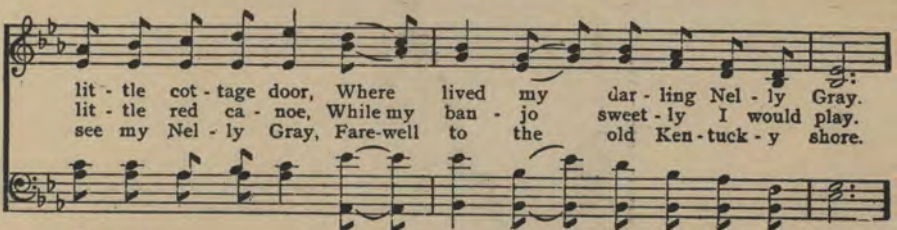
B. R. HANBY.



1. There's a low green val-ley on the old Ken-tuck-y shore, Where I've
 2. When the moon had climbed the mountain and the stars were shin-ing too, Then I'd
 3. My eyes are get-ting blind-ed and I can-not see my way; Hark! there's

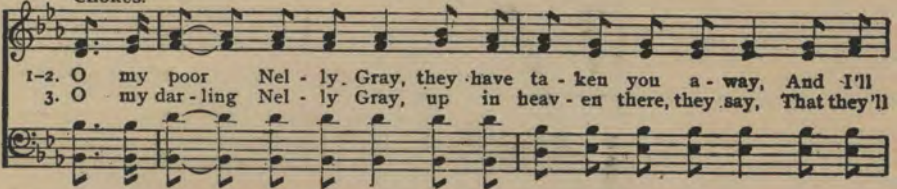


whiled man-y hap-py hours a-way, A sit-ting and a-sing-ing by the
 take my dar-ling Nel-ly Gray, And we'd float down the riv-er in my
 some bod-y knock-ing at the door— O I hear the an-gels call-ing, and I

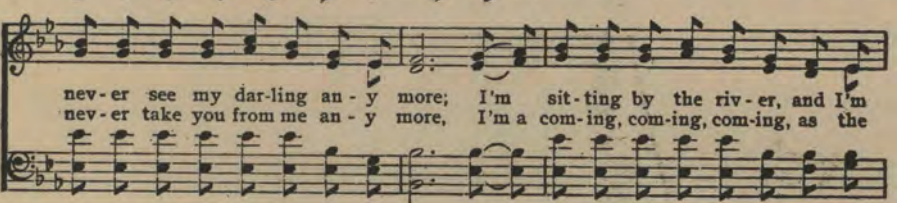


lit-tle cot-tage door, Where lived my dar-ling Nel-ly Gray.
 lit-tle red ca-noe, While my ban-jo sweet-ly I would play.
 see my Nel-ly Gray, Fare-well to the old Ken-tuck-y shore.

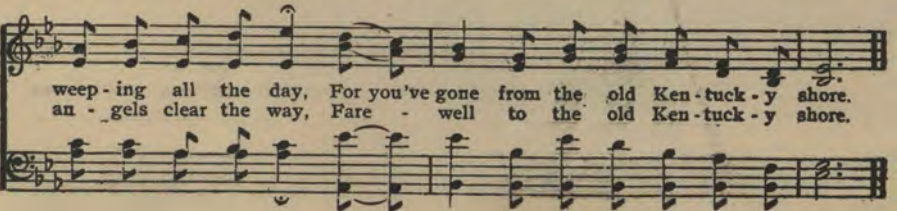
CHORUS.



1-2. O my poor Nel-ly Gray, they have ta-ken you a-way, And I'll
 3. O my dar-ling Nel-ly Gray, up in heav-en there, they say, That they'll



nev-er see my dar-ling an-y more; I'm sit-ting by the riv-er, and I'm
 nev-er take you from me an-y more, I'm a com-ing, com-ing, com-ing, as the



weep-ing all the day, For you've gone from the old Ken-tuck-y shore.
 an-gels clear the way, Fare-well to the old Ken-tuck-y shore.

GENUINE T. G. MANDT



VALUABLE FEATURES FROM POINT
OF POLE TO TAILBOARD

strong bell, are heavier on unde side or wearing part; the axles have our new improved flat steel truss; axles have braces from under side of skeins to hounds; the wheels have black birch hubs and best of oak spokes; the wheels have bent oak felloes, bolted and clipped joints, and have heavy tires; the felloes are riveted at the side of each spoke; the tongue cap iron is 34 inches long with a safety catch; the tongue is steel stripped its entire length underneath; the angle steel front hound is reinforced with wood, running from axles to end of hound; the adjustable tongue spring; the steel lock bolster plate; the stakes are hollow steel with extension wooden stakes; the front axle and sand-board are iron-plated, prevent the reach from wearing; the front end of reach has iron plates forming a bushing in king-bolt hole; the reach has hardened, tempered, steel rub irons; the steel extension reach plate with lock nut; the MANDT patent grip nut wagon-wrench; the concave cut-under rub-irons; the self-centering box rod nuts; the sideboards and endboards all have hard wood cleats, riveted ends; the box has steel grain strips on inside, cleats cut bias, anti-spread rods; the sideboards have steel wearing plates for bolster-stakes; the boxes are made either with the improved Comstock endgate with iron plated sideboards or with the shoveling-board endgate—has six box straps on each sideboard; the bottoms have hardwood cleats on top of bolsters; the center box straps are outside, supported by heavy double-bolted braces; the double eccentric lever top box holders; the seat has anti-rebound springs; the seat spring with clipped centers instead of bolted; the T. G. MANDT patent whiffletrees, evener, neckyoke and clevises; the automatic brake lock.

The Most Complete Wagon On The Face Of The Earth

IT is a very light running wagon and has great durability. The word "durability" should be kept constantly in mind when buying a wagon. Wagon value is measured by lasting qualities. Service is where you get your money's worth. The MANDT will outwear two ordinary wagons. Nothing but selected stock is used in its manufacture, and all parts subject to wear and strain are protected, trussed and reinforced. A few of

IT'S FINE POINTS:

It is manufactured from the very best and thoroughly seasoned materials; it excels in good looks, finish and proportion; it is the easiest running wagon in the world; the gears, both front and hind, are clipped instead of bolted and have the T. G. MANDT patented circle-posts; the skeins have a malleable dust and sand-proof collar; the skeins have extra

Made by Mandt Wagon Company, Stoughton, Wisconsin
BRANCH OF
MOLINE PLOW COMPANY, MOLINE, ILLINOIS

LIGHT RUNNING NATIONAL Manure Spreader

THE educational campaign that has been carried on during the past few years concerning fertilizers and fertilizing has done a world of good. A great many people who thought they understood the subject have learned something. There is not so much barnyard manure going to waste as there used to be. Larger yields are being recorded in consequence. There was a time when the

average farmer allowed the manure to accumulate mountain high, and then at some convenient season would haul it to the field and fork it out in bunches, thinking he was spreading manure, when in fact, he was spreading the remains of manure and losing half its value at that. It has been learned that to get the fullest returns manure must be placed upon the land as soon as possible after it is made, and the still more important truth has been demonstrated that THE MANURE SPREADER DOUBLES MANURE VALUE. This is particularly true of the LIGHT RUNNING NATIONAL on account of its uniformly excellent work. It is claimed for the NATIONAL that it is the most modern, neatest, strongest, easiest handled, lightest running spreader made. These are strong claims but the spreader justifies them. It is constructed so that friction and wear are reduced to a minimum by roller bearings. It is a 75-bushel machine, still two good horses handle it anywhere. Works all kinds of manure. The beater cuts straight up and back on the manure and does not push against the load for a quarter turn of the beater. This is where many spreaders clog and get their heavy draft. Furnished with narrow track front wheels if desired; also steel wheels when so ordered. It takes a whole catalogue to illustrate and explain the many features of the LIGHT RUNNING NATIONAL. We would like to send you this book.

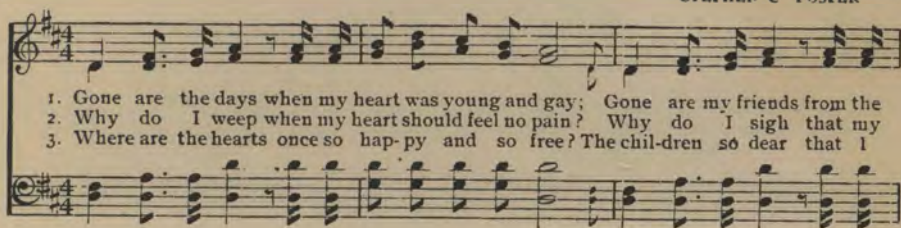
EVERY MACHINE SET UP AND
OPERATED AT THE FACTORY



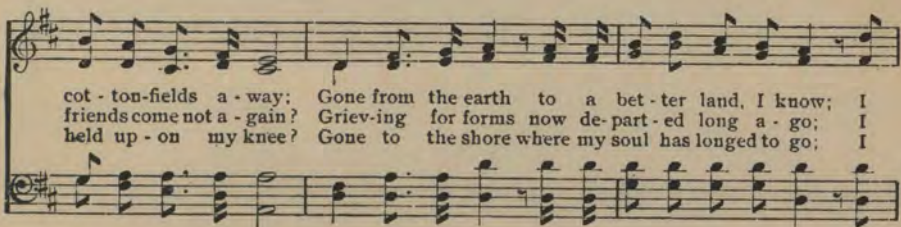
WHEN YOU INVEST YOU ARE ENTITLED TO THE BEST

Old Black Joe.

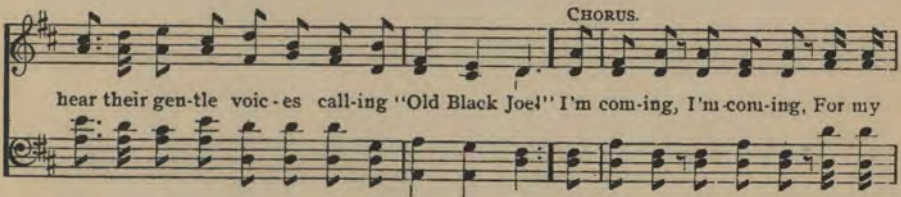
STEPHEN C FOSTER



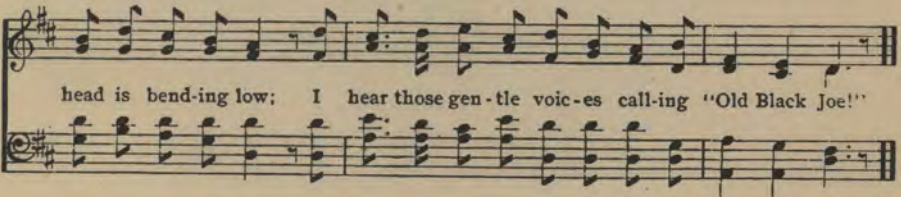
1. Gone are the days when my heart was young and gay; Gone are my friends from the
2. Why do I weep when my heart should feel no pain? Why do I sigh that my
3. Where are the hearts once so hap-py and so free? The chil-dren so dear that I



cot-ton-fields a-way; Gone from the earth to a bet-ter land, I know; I
friends come not a-gain? Griev-ing for forms now de-part-ed long a-go; I
held up-on my knee? Gone to the shore where my soul has longed to go; I



CHORUS.
hear their gen-tle voic-es call-ing "Old Black Joe!" I'm com-ing, I'm com-ing, For my



head is bend-ing low; I hear those gen-tle voic-es call-ing "Old Black Joe!"

» FROM «

Rawlings Impl. Co,
Baltimore Md.