

THE
PATTEE'S PATENT
NEW DEPARTURE.
2 HORSE



Straddle Row
WALKING CULTIVATOR

MANUFACTURED BY

PATTEE PLOW COMPANY
MONMOUTH ILL

1910

1910	Jan.	Feb.	Mar.	April	May	June
Sunday	2	6	27	3	1	26
Monday	3	7	28	4	2	27
Tuesday	4	8	29	5	3	28
Wednesday	5	9	30	6	4	29
Thursday	6	10	31	7	5	30
Friday	7	11		8	6	
Saturday	8	12		9	7	
	9	13		10	8	
	10	14		11	9	
	11	15		12	10	
	12	16		13	11	
	13	17		14	12	
	14	18		15	13	
	15	19		16	14	
	16	20		17	15	
	17	21		18	16	
	18	22		19	17	
	19	23		20	18	
	20	24		21	19	
	21	25		22	20	
	22	26		23	21	
	23	27		24	22	
	24	28		25	23	
	25	29		26	24	
	26	30		27	25	
	27	31		28	26	
	28			29	27	
	29			30	28	
	30				29	
	31				30	
					31	
1910	July	Aug.	Sept.	Oct.	Nov.	Dec.
Sunday	2	7	4	2	6	4
Monday	3	8	5	3	7	5
Tuesday	4	9	6	4	8	6
Wednesday	5	10	7	5	9	7
Thursday	6	11	8	6	10	8
Friday	7	12	9	7	11	9
Saturday	8	13	10	8	12	10
	9	14	11	9	13	11
	10	15	12	10	14	12
	11	16	13	11	15	13
	12	17	14	12	16	14
	13	18	15	13	17	15
	14	19	16	14	18	16
	15	20	17	15	19	17
	16	21	18	16	20	18
	17	22	19	17	21	19
	18	23	20	18	22	20
	19	24	21	19	23	21
	20	25	22	20	24	22
	21	26	23	21	25	23
	22	27	24	22	26	24
	23	28	25	23	27	25
	24	29	26	24	28	26
	25	30	27	25	29	27
	26	31	28	26	30	28
	27		29	27		29
	28		30	28		30
	29			29		31
	30					
	31					

1911	Jan.	Feb.	Mar.	April	May	June
Sunday	1	2	2	1	1	2
Monday	2	3	3	2	2	3
Tuesday	3	4	4	3	3	4
Wednesday	4	5	5	4	4	5
Thursday	5	6	6	5	5	6
Friday	6	7	7	6	6	7
Saturday	7	8	8	7	7	8
	8	9	9	8	8	9
	9	10	10	9	9	10
	10	11	11	10	10	11
	11	12	12	11	11	12
	12	13	13	12	12	13
	13	14	14	13	13	14
	14	15	15	14	14	15
	15	16	16	15	15	16
	16	17	17	16	16	17
	17	18	18	17	17	18
	18	19	19	18	18	19
	19	20	20	19	19	20
	20	21	21	20	20	21
	21	22	22	21	21	22
	22	23	23	22	22	23
	23	24	24	23	23	24
	24	25	25	24	24	25
	25	26	26	25	25	26
	26	27	27	26	26	27
	27	28	28	27	27	28
	28	29	29	28	28	29
	29	30	30	29	29	30
	30		31	30	30	
	31			31	31	
1911	July	Aug.	Sept.	Oct.	Nov.	Dec.
Sunday	2	2	1	1	1	2
Monday	3	3	2	2	2	3
Tuesday	4	4	3	3	3	4
Wednesday	5	5	4	4	4	5
Thursday	6	6	5	5	5	6
Friday	7	7	6	6	6	7
Saturday	8	8	7	7	7	8
	9	9	8	8	8	9
	10	10	9	9	9	10
	11	11	10	10	10	11
	12	12	11	11	11	12
	13	13	12	12	12	13
	14	14	13	13	13	14
	15	15	14	14	14	15
	16	16	15	15	15	16
	17	17	16	16	16	17
	18	18	17	17	17	18
	19	19	18	18	18	19
	20	20	19	19	19	20
	21	21	20	20	20	21
	22	22	21	21	21	22
	23	23	22	22	22	23
	24	24	23	23	23	24
	25	25	24	24	24	25
	26	26	25	25	25	26
	27	27	26	26	26	27
	28	28	27	27	27	28
	29	29	28	28	28	29
	30	30	29	29	29	30
	31	31	30	30	30	
			31	31	31	

1911

The New Departure

TWO-HORSE, STRADDLE-ROW



Tongueless ..Cultivator

Patented:

September 24, 1867; April 6, 1869. October 18, 1870; March 5, 1872;

** January 21, 1873; March 14, 1876; September 19, 1876;*

*December 26, 1876; February 27, 1877; Sep-
tember 11, 1877; March 13, 1883.*

Re-Issued:

*August 26, 1873; October 6, 1874; February 6, 1877; June 12,
1877; March 20, 1883.*

Pattee Plow Company,
PROPRIETORS,
Monmouth, Illinois.

The New Departure

The many advantages in favor of a tongueless cultivator are so perfectly combined in **The New Departure** that it stands to-day, as it has stood for years, the most efficient and popular walking cultivator ever offered to the trade. Its superior operation and value as a crop producer have been so frequently demonstrated as to give little occasion for further mention. A noticeable feature, however, in connection with this favorite cultivator is its thorough reliability; it never fails to please the purchaser and no other cultivator has ever given such complete satisfaction in all conditions of soil.

The great popularity of **The New Departure** is sufficiently evidenced by the number of imitations now on the market. But as the standard-bred animal is more valuable than those of coarser blood, so **The New Departure**, the standard tongueless cultivator with a long pedigree of success, gives better satisfaction and service than those cultivators which seek only to profit through its well-earned reputation. Some of these cheap counterfeits so closely copy **The New Departure** in appearance as to purposely deceive ordinary observation; but none has ever approached the genuine Pattee Cultivator in perfect field operation, as a comparative test will demonstrate or the experience of any farmer will testify.

The Pattee Plow Co. is the sole proprietor and manufacturer of **The New Departure Cultivator**, and to avoid imposition farmers are cautioned to see that our trade-mark, "**The New Departure**," is branded on the arch of every cultivator. None is genuine without it.

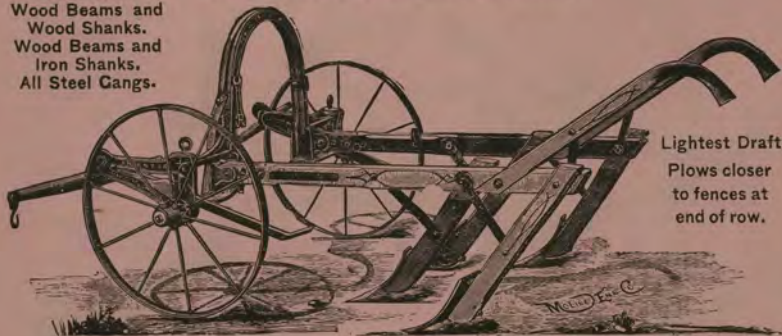
The New Departure is better and more carefully constructed, every shovel is tested before leaving factory, and no shovel is allowed to go out that does not appear perfect in temper and true to our peculiar shape. Good judgment, we think, will urge the prudent buyer to insist on having the original and only genuine tongueless cultivator, "**The New Departure**," and no other.

Yours truly,

PATTEE PLOW CO.

Made With
Wood Beams and
Wood Shanks.
Wood Beams and
Iron Shanks,
All Steel Gangs.

The NEW DEPARTURE with Wood Beams.



Lightest Draft.
Plows closer
to fences at
end of row.

In Position for the Field.

Pattee Plow Company, Monmouth, Illinois.

THE NEW DEPARTURE with Spring Lift and Spring Trip.

Patented
Double Acting
Spring Lift

Furnished with
4 or 6 Shovels.
Pin Break or
Spring Trip.

Patented Trip Device. No other equals it.

Furnished with any of our Walking Cultivators.

PATTEE STEEL EAGLE CLAW.

Rear Shovel on Outside.

All Shovels made from best Soft Steel Center.
Furnished with any of our Walking Cultivators when desired.



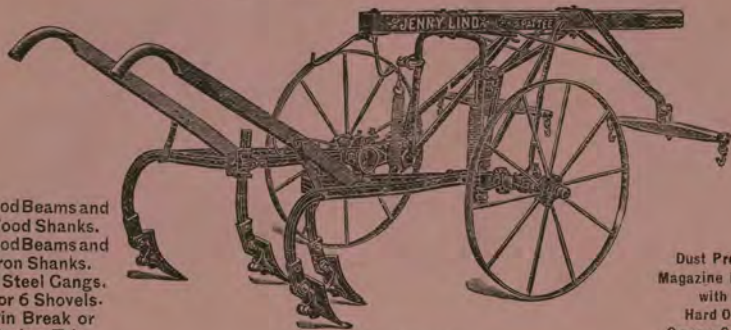
PATTEE WOOD BEAM EAGLE CLAW

HANDLES EASIER, because it weighs less
than any other.

Furnished with any of our Walking
Cultivators when desired.



The "JENNY LIND" Tongued Cultivator.



Wood Beams and
Wood Shanks.
Wood Beams and
Iron Shanks.
All Steel Gangs.
4 or 6 Shovels.
Pin Break or
Spring Trip.
And Parallel Beams.

Inside Shanks Adjustable.

Dust Proof
Magazine Boxes
with
Hard Oil
Grease Cups.

Pattee Plow Company, Monmouth, Illinois.

Pattee's "Jenny Lind" Walking Tongue Cultivator

Built with

Regular Frame or Balance Frame.

Solid Arch or Adjustable Arch.

Any Style Shovel Rig.

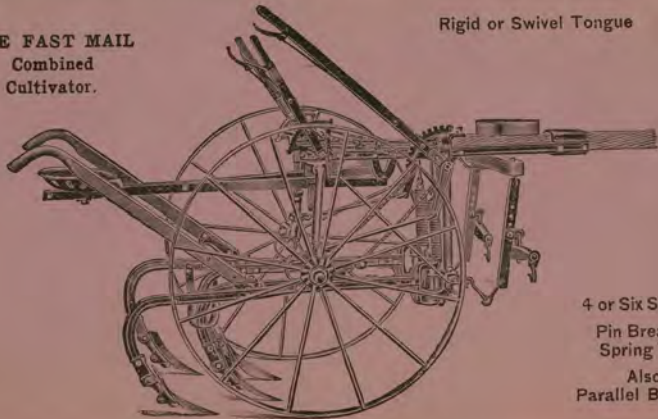
On the preceding page we give an illustration of our **Jenny Lind** Walking Tongued Cultivator. Dealers and farmers have pronounced the **Jenny Lind** to be the neatest model and best featured Tongued Cultivator on the market. We have not the space here to detail its many advantages, but desire to call particular attention to our

LIFTING DEVICE AND DOUBLE ACTING BALANCE SPRING.

No other Lifting Device and Spring Attachment is constructed like ours and no other works so smoothly or presents such a neat appearance. As ordinarily adjusted, the spring works on a dead center, and is perfectly neutral when the shovels are at the proper depth for plowing; but so sensitive is the action that immediately the shovels are started upward, a sufficient lifting force to balance the gang is exerted, the leverage growing greater as the force of the spring becomes less, so that a perfect balance of the gang is maintained until the hang-up hook is reached. If desired, a downward pressure can be given to the shovels when plowing in hard and difficult ground, by making a simple change in the adjustment, occupying an instant's time only.

The **Jenny Lind** is equipped with Dust Proof Magazine Boxes with Hard Oil Grease Cups, improved Steel Hitch, Malleable Coupling Parts, Adjustable Sleeve, and has the famous Pattee Shovels. It is a perfect Tongued Cultivator, light, strong and durable, and the old saying, "None so good as the genuine Pattee," is fully borne out by the **Jenny Lind**.

**THE FAST MAIL
Combined
Cultivator.**



Rigid or Swivel Tongue

4 or Six Shovels
Pin Break or
Spring Trip
Also
Parallel Beams.

THE "FAST MAIL"

BALANCE FRAME COMBINED CULTIVATOR

The "FAST MAIL" represents the most advanced type in Combined Riding and Walking Cultivator construction. It has many exclusive and valuable features peculiarly its own, which, with general excellence of construction, make it, we believe, superior to all others both in utility and convenience of arrangement.

By means of one lever, the wheels can be shifted forward or backward, securing a perfect balance of the frame for either a light or heavy driver, or as a walking cultivator. The telescope axle permits the tread of the wheels to be narrowed to 40 inches, or widened to 52 inches.

The wheels of the "Fast Mail" are fitted with dust proof boxes which entirely prevent dirt or dust from reaching the axles, also hard oil grease cups, the convenience of which will be appreciated by every cultivator user. With one good greasing of the axles and an occasional filling of the cups thereafter, the "Fast Mail" will run through an entire season.

Levers within easy reach of the user and provided with saw tooth ratchets offer the most convenient and accurate method of regulating the depth of the shovels.

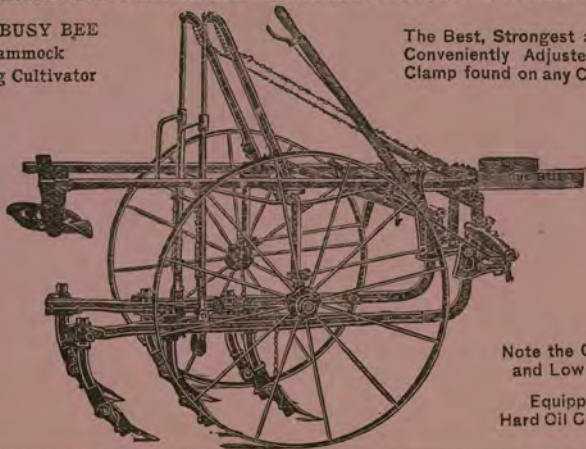
In the simplest manner possible, the seat can be swung as low as a Hammock, or raised to suit the size and comfort of the operator.

The "Fast Mail" has a closer hitch than most combined cultivators, insuring light draft, besides being of great advantage in turning at end of rows.

The Lifting Springs so nicely counterbalance the weight of the gangs that it is a matter of slightest effort to raise them either by foot or hand.

THE BUSY BEE
Hammock
Riding Cultivator

The Best, Strongest and Most
Conveniently Adjusted Shank
Clamp found on any Cultivator.



Rigid or
Swivel
Tongue

Note the Close Hitch
and Low Coupling.

Equipped with
Hard Oil Grease Cups.

THE BUSY BEE

Adjustable Balance Frame Hammock Riding Cultivator

The remarkable success of the "Busy Bee" speaks loud for its excellent qualities. Among the valuable features offered, many are exclusive to this cultivator. In adopting new improvements, we have been careful to preserve, without interference, those active principles which have made the operation of the "Busy Bee" so superior and satisfactory.

By means of one lever, the wheels can be shifted forward or backward, securing a perfect balance of the frame for either a light or heavy driver. The telescope axle permits the tread of the wheels to be narrowed to 40 inches, or widened to 52 inches.

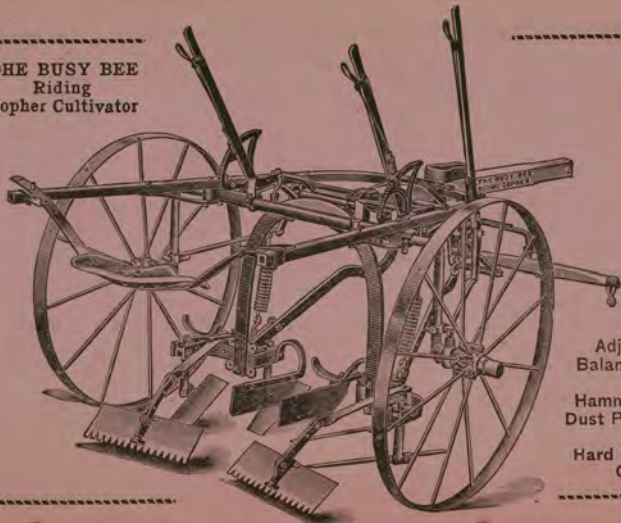
The wheels of the "Busy Bee" are fitted with dust proof boxes which entirely prevent dirt or dust from reaching the axles, also hard oil grease cups, the convenience and advantage of which will be appreciated by every cultivator user. With one good greasing of the axles and an occasional filling of the cups thereafter, the "Busy Bee" will run through an entire season.

It will be noticed that in the "Busy Bee" the doubletree is attached inside the frame and to the rear of the beam coupling. This close hitch is a very important feature and one that has long been demanded.

Separate Lifting and Depth Springs are used as being most satisfactory. The depth of the shovels can be regulated without stopping the team or interrupting the work of the cultivator.

We have a much lower beam coupling on the "Busy Bee" than is found in other hammock cultivators. The couplings give a perfectly level swing to the gangs, and so slight is the friction, crooked corn can be dodged with the "Busy Bee" easier than with any other riding cultivator.

THE BUSY BEE
Riding
Gopher Cultivator



Adjustable
Balance Frame
and
Hammock Seat,
Dust Proof Boxes
and
Hard Oil Grease
Cups.

THE BUSY BEE

Riding Gopher Cultivator, and Gopher Attachment.

Adjustable Balance Frame, Close Hitch, Dust Proof
Wheel Boxes, Hard Oil Grease Cups.

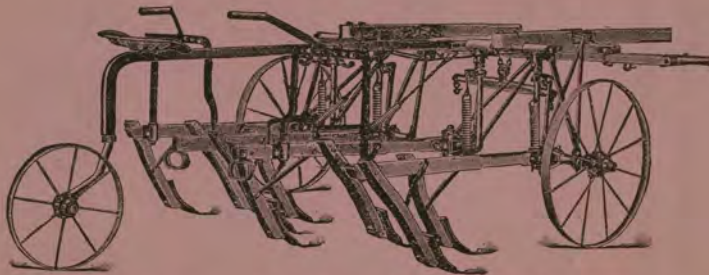
The Busy Bee Riding Gopher, or Surface Cultivator, is unexcelled in operation and has advantages of construction found in no other cultivator of this type.

The Blades are attached to malleable standards, can be set to run at any desired width or angle, and are so swung that they are controlled and guided with the utmost ease. Levers with saw-tooth ratchets conveniently raise the blades out of the ground. The foot-rests are adjustable to suit the size and comfort of the operator.

The Gopher rigs are interchangeable, that is, they can be used on any Busy Bee Frame, so that with the purchase of an extra set of rigs only, the farmer can have a regular Shovel and Surface Cultivator in one, and at the very minimum of cost.

PATTEE'S TWO ROW SHOVEL CULTIVATOR.

Also Built with Wood Beams and Iron Shanks.



Lightest Draft,

Easiest Operated.

Simplest Construction.

Furnished with either 3 or 4 Horse Hitch.

THE PATTEE

Two Row Shovel Cultivator.

We but quote the statement of users when we say the Pattee Two Row Shovel Cultivator handles as easily as a single row, does the work just as well and is as light a load for three horses as a single row is for two horses. Doubling the amount of work even with the addition of two horses is certainly a proposition no farmer can afford to ignore, and not only does our two row cultivator offer great advantages in the actual working of corn, but is also of immense benefit in plowing in oats and cultivating behind the planter as well.

The striking features of the Pattee Two Row are extreme simplicity, light draft and easy control. The driver sits well behind the shovel rigs and has a clear view of his work ahead. The foot rests are attached to the extreme rear of the shovel beams, giving greatest leverage and easiest guidance, while convenient handles in connection with the beams permit of great assistance in operation. It is open between the coupling arches and therefore does not break down the corn in turning. All wheels have dust proof boxes.

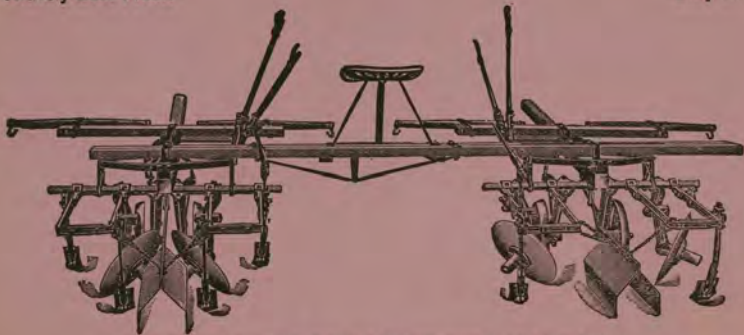
By a slight change our Two Row can be used as a Walking Cultivator. This Combination Feature increases its usefulness, and is an important advantage over other Two Rows.

We build the Pattee Two Row Cultivator with two styles of shovel rigs only, viz: Wood Beam and Wood Shanks, and Wood Beam and Iron Shanks, with two shovels to the rig. These styles are the best and most satisfactory in a two row cultivator. They are lightest in weight and therefore easiest to handle; also, the shovels are less liable to choke and clog than in the case of a three shovel rig.

A feature is the 4½-inch shovels. This size of shovel works perfectly; covers all weeds, leaves the ground in fine condition, and, what is of great consequence, is largely responsible for the very light draft of the cultivator.

Magazine Boxes
Positively Dust Proof.

Easy Lift.



THE PATTEE TWO ROW LISTED CORN CULTIVATOR.
Also Built in Single Row.

THE PATTEE

Two Row

Listed Corn Cultivator.

The Connecting Board is made from two pieces, strongly bolted, braced and trussed. The slide slot is protected with angle steel to prevent wear. A roller overcomes all binding and insures the Cultivator adjusting itself properly to the row.

The Levers slant inward within easy reach of the seat. The discs and shovels can be raised and regulated jointly or independently as desired.

Easy Lift. Springs assist in raising the discs and shovels out of the ground. A boy can operate this Cultivator.

The Disc Pins are of larger diameter than common and are doubly secured to the arm by clamps and a bolt passing through the pin. This strong connection is a most important feature.

Dust Proof Magazine Boxes. A screw plug forces the grease clear through the hub, lubricating all bearings. This plug is locked in place by cotter pin and is inside the hub so that it cannot become loose and work off. The boxes are positively dust proof.

Double Beams give such rigidity that the shovels run true in line and do not weave from their course in the hardest ground. Shovels can be quickly raised or lowered on the beams and can be given any position or angle of penetration desired.

Ridge Shovels. The Cultivator is equipped with Ridge Shovels when so ordered. In clean ground they are an excellent feature and, beyond doubt, give most thorough cultivation. In trashy ground they may cause some annoyance through choking and clogging.

The Pattee Cultivator is the best and most expensively built, and careful attention has been paid to the strength and durability of all parts.

Pattee Plow Company, Monmouth, Illinois.

Date.

Cash Received.

Dolls.

Cts.

May 1	Wm. J. Gause	100		
	A. Roesch	300		
	N. W. Waller	100		
		7100		
	Geo. Gillett	200		
	W. B. Chas. King	125		
	Edgar	100		
	John M. King	30		

Pattee Plow Company, Monmouth, Illinois.

[illegible]

Pattee Plow Company, Monmouth, Illinois.

Pattee Plow Company, Monmouth, Illinois.

HANDY REFERENCE.

Information Relating to Notes and Bills Payable.

Demand Notes are payable on presentation, and bear legal interest, after a demand has been made, if not so written.

An Endorser on a demand note is holden only for a limited time, variable in different states.

If Time of Payment is not stated in a note, it is held payable on demand.

A Negotiable Note must be made payable either to bearer, or be properly endorsed by the person to whose order it is made. If the endorser wishes to avoid responsibility he can endorse "without recourse."

A Joint Note is one signed by two or more persons, who each become liable for the whole amount.

Altering a Note in any manner by the holder makes it void.

The Maker of a note that is lost or stolen is not released from payment if the amount and consideration can be proven.

An Endorser has a right of action against all whose names are previously on a note endorsed by him.

RULES

For Measuring Corn in Crib, Vegetables, etc., and Hay in Mow.

This rule will apply to a crib of any size or kind. Two cubic feet of good, sound, dry corn in the ear will make a bushel of shelled corn. To get, then, the quantity of shelled corn in a crib of corn in the ear, measure the length, breadth and height of the crib, inside the rail; multiply the length by the breadth and the product by the height, then divide the product by two, and you have the number of bushels of shelled corn in the crib.

To find the number of bushels of apples, potatoes, etc., in a bin, multiply the length, breadth and thickness together, and this product by eight, and point off one figure in the product for decimals.

To find the amount of hay in mow, allow 512 cubic feet for a ton, and it will come out very generally correct.

Grain Measure—To find the capacity of a bin or wagon-bed, multiply the cubic feet by .8 (tenths). For great accuracy, add $\frac{1}{4}$ of a bushel for every 100 cubic feet. To find the cubic feet, multiply the length, width and depth together.

Cistern Measure—To find the capacity of a round cistern or tank, multiply the square of the average diameter by the depth, and multiply the product by .1865. For square cisterns or tanks, multiply the cubic feet by .25 (tenths).

Measures of Capacity.

Dry — 2150.42 cubic inches equal 1 United States (or Winchester) bushel, the dimensions of which are $13\frac{1}{2}$ in. diameter inside, $19\frac{1}{2}$ in. outside, and 8 in. deep; 2747.70 cubic inches, 1 heaped bushel, the cone of which must not be less than 8 inches high.

Gallons — 231 cubic inches equal 1 United States standard gallon; same contains 8.3389 avoirdupois pounds of distilled water; 1 gallon of ale weighs 10.05 lbs; 1 gallon of sperm oil $7\frac{1}{4}$ lbs; 1 gallon of linseed oil $7\frac{1}{4}$ lbs; 1 gallon proof spirits 7 lbs. 15 oz.; 1 gallon spirits of turpentine 7 lbs. 5 oz.

1,000 Shingles, laid 4 inches to the weather, will cover 100 square feet of surface.

1,000 Laths will cover 70 yards of surface.

Rules for Computing Interest.

The following will be found to be excellent rules for finding the interest on any principal for any number of days. When the principal contains cents point off four places from the right of the result to express the interest in dollars and cents. When the principal contains dollars only, point off two places.

Four per cent.—Multiply the principal by the number of days to run, and divide by 90.

Five per cent.—Multiply by number of days, and divide by 72.

Six per cent.—Multiply by number of days, and divide by 60.

Seven per cent.—Multiply by number of days, and divide by 52.

Eight per cent.—Multiply by number of days, and divide by 45.

Nine per cent.—Multiply by number of days, and divide by 40.

Ten per cent.—Multiply by number of days, and divide by 36.

Twelve per cent.—Multiply by number of days, and divide by 30.

New Departure Repairs. Each

No. 0, Malleable Cut-Off.....	\$.15
" 1, Stop Plate for Suspension Arm, R. H.	.15
" 2, Stop Plate for Suspension Arm, L. H.	.15
" 3, Wheel Cap.....	.10
" 4, Joint Piece for Slotted End Wood Beam.....	.40
" 5, Plate for Shield Washer, Steel Beam.....	.10
" 6, Lock for Nuts on Knuckle.....	.05
" 7, Shield Washer for Wood or Steel Beam.....	.10
" 8, Plate for Shield Washer, Wood Beam.....	.10
" 10, Malleable Sleeve for Steel Beam.....	.50
" 11, Malleable Washer for Steel Beam Shovel.....	.03
" 12, Shield Washer for Wood Beam, Tenoned End, 1895	.10
" 13, Journal Box.....	.20
" 14, Journal Box.....	.20
" 21, Arch Ends.....	1.00
" A22, Spindle Plate, L. H., with Draft Eye.....	1.25
" B23, Spindle Plate, R. H., with Draft Eye.....	1.25
" 24, Joint Piece for End of Steel Beam.....	.30
" 26, Malleable Bifurcated Joint Piece, L.H., for Ten- oned End Wood Beam, 1895.....	.40
" 27, Malleable Bifurcated Joint Piece, R.H., for Ten- oned End Wood Beam, 1895.....	.40
" 28, Malleable Arch End, Spring Lift Front.....	.40
" 29, Malleable for Suspending Arm Sp. Lift Front	.15
" 30, Malleable for Swivel Foot Spring Lift Front.	.30
" 31, Journal for Spring Gear, Spring Lift Front...	.20
" 32, Spindle Plate L. H. for Spring Lift Front....	1.25
" 33, Spindle Plate R. H. for Spring Lift Front....	1.25
Wrenches, Malleable.....	.10
Singletree Hooks.....	.10
Rear Supporting Bars.....	.50
Suspending Arms.....	.25
Wheels, 26-inch, 10 Wrought Spokes.....	2.00
Arches, Bessemer Steel, complete.....	3.00
Left S. B. Shovels, Twisted, with bolt and block	1.00
Right.....	1.00
Left W. B.	1.00
Right.....	1.00
Straight S. B. Shovels, with bolt and block.....	1.00
Straight W. B. Shovels, with bolt only.....	1.00
S. B. Bull Tongues.....	.35
W. B. Bull Tongues.....	.35
Left-Hand Shields.....	.35
Right-Hand Shields.....	.35
Singletrees, ironed and finished.....	.35
Left-Hand Beams, Slotted Ends, finished.....	.60
Right-Hand Beams, Slotted Ends, finished.....	.60
Left-Hand Beams, Tenoned Ends, finished.....	.60
Right-Hand Beams, Tenoned Ends, finished.....	.60
Left-Hand Shanks, finished.....	.40
Right-Hand Shanks, finished.....	.40
Handles, finished.....	.40

For *Twisted Shovels*, say whether they are required to turn the soil to the *right* or *left* when plowing, and whether for Wood or Steel beam.

**THE ORIGINAL
AND ONLY GENUINE TONGUELESS CULTIVATOR,
"THE NEW DEPARTURE."**



Constantly Pursued, but Never Overtaken.