

PATTEE'S PATENT.

THE

NEW DEPARTURE

TWO-HORSE



STRADDLE-ROW

WALKING CULTIVATOR

MANUFACTURED BY

PATTEE & PLOW & COMPANY,
MONMOUTH, ILLINOIS.

FOR SALE BY

E. S. HILL PRINTING CO., PEORIA.

←1887.→

1887	Jan.	Feb.	Mar.	April	May	June
Sunday.	2	13	20	27	4	12
Monday.	3	14	21	28	5	13
Tuesday.	4	15	22	29	6	14
Wed' day	5	16	23	30	7	15
Th'rs day	6	17	24	1	8	16
Friday.	7	18	25	2	9	17
Saturday	8	19	26	3	10	18
1887	July	Aug.	Sept.	Oct.	Nov.	Dec.
Sunday.	9	5	2	30	27	24
Monday.	10	6	3	31	28	25
Tuesday.	11	7	4	1	29	26
Wed' day	12	8	5	2	30	27
Th'rs day	13	9	6	3	1	28
Friday.	14	10	7	4	2	29
Saturday	15	11	8	5	3	30

1888	Jan.	Feb.	Mar.	April	May	June
Sunday.	1	12	19	26	3	10
Monday.	2	13	20	27	4	11
Tuesday.	3	14	21	28	5	12
Wed' day	4	15	22	29	6	13
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←1888.→

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 2, 1877;
September 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 continued increase of demand for the New Departure prior, and subsequent to the introduction of the numerous so-called Tongueless Cultivators, establishes beyond conjecture, its superiority over all others. As pioneers in the manufacture and advocacy of a Tongueless Cultivator, we are justified in a spirit of vanity over the production of The New Departure, which has so practically verified all our predictions, and won its place in the front ranks of approval by its sterling merits, leaving all others in the rear. Constructed on a principle involving mathematical science, we have never been called upon to deviate from it, and the only changes that have been made are those of material and workmanship, thereby enhancing its desirability as an implement of finish and effectiveness.

Substituting steel for iron, malleable castings for grey iron castings, wherever practical, we have strengthened the weak points and reduced the weight so our cultivator is as nearly indestructible as possible, and reduced to the minimum of draft.

Our new wrought iron and steel wheel introduced last year, is an improvement we boastingly announce, and predict for it the appreciation of every patron of our Cultivator.

Fully conversant with the methods adopted by manufacturers of other Tongueless Cultivators to divert purchasers from The New Departure, we feel constrained to still caution farmers and others about guarantees "as good as The New Departure," given with the solicited sales of these other Cultivators. There is but one New Departure Tongueless Cultivator—and that is made by us—and no farmer can realize what a Tongueless Cultivator is, or should be, until he has tried the original and only New Departure Cultivator. Before buying a

Cultivator see that our trade mark, "The New Departure," is branded on the steel arch, as a protection against imitation and deception, and a preventive against the annoyance and vexation resulting from the attempted use of other so-called Tongueless Cultivators.

When contemplating the purchase of a cultivator keep these facts in view: "The New Departure," *the Original and only Genuine*, is the only Tongueless Cultivator that does not fall down when turning at the ends of rows; the only Cultivator that has the patent nut lock on the coupling or knuckles that securely prevents the nuts working loose, and effectually maintains the gangs in an upright position at all times, overcoming the rocking motion so prevalent in other Cultivators. It is the only Cultivator having the patent breakpin device for changing the angle of shanks and depth of penetration of the shovels. These valuable advantages, together with the special feature of using four large, twisted shovels, whereby a greater depth of penetration is obtained, the covering over of weeds and perfect hilling up of the soil, are a few of the reasons why The New Departure is such a favorite in the trade.

In view of the fact, that in some localities, the old varieties of tongued cultivators are still used to a limited extent, we are manufacturing for the convenience of our customers a Tongued Cultivator embodying many of the specialties used on The New Departure just enumerated, insuring it as without a superior on the market.

We also make the "Reliable" Combined Riding and Walking Cultivator, with Cotton and Corn-Planter Attachment, and the Challenge One-Horse Cotton and Corn-Planter.

We invite your close inspection of the within pages, and solicit your valued patronage for our goods at prices to suit the times.

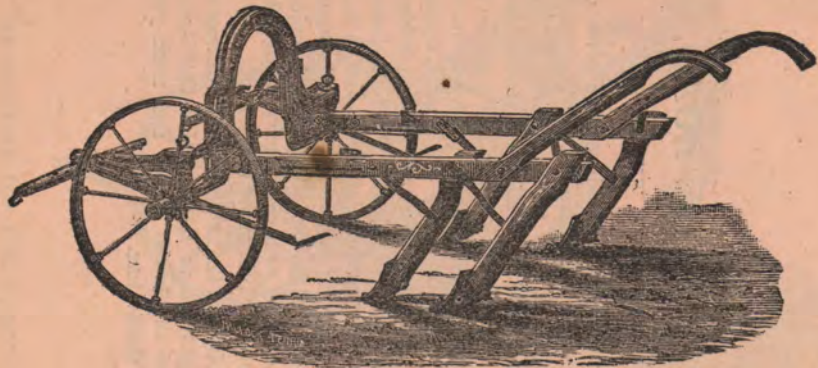


In Position for the Road.

ON THE ROAD.

THE CUT on the preceding page gives a good illustration of "The New Departure" with the gangs suspended for transportation. The device is a simple and most effective one, and to put it into operation you have only to loosen the thumb nuts, draw the rear supports back as far as the slots in the draft plates will permit, tighten the thumb screws, then turn back the suspending arms and "hang up" the plows. The links being flexible, they will accommodate the beams to the longitudinal vibrating motion necessary in tongueless Cultivators, and prevent the gangs "jumping" off when suspended, as is common with tongued plows in passing over bridges or rough roads.

It is obvious that the foregoing devices can be put in operation in half the time that is required to adjust the breast straps and neck yoke on tongued Cultivators.



In Position for the Field.

IN THE FIELD.

HERE we have "The New Departure" ready for service. Arriving at the field, the operator will disengage the gangs from and turn the suspending arms forward, in front of the arch, thus clearing the arch or frame work from all obstructions, which, in other Cultivators, come in contact with and tangle the lines when plowing—a great annoyance and inconvenience to all plowmen; then loosen the thumb screws and push the rear supports forward, placing them entirely out of the way of all movements of the Cultivator when in use.

It should be borne in mind that the gangs are never to be hung up in turning at the ends of rows. The operator has simply to draw the inside plow back and move the gangs around on the ground, keeping them clear from the wheels while the team is turning. With a little practice this is accomplished much quicker and easier than by the old method of hanging up the plows.

The depth of the furrows may be varied by inverting the journal boxes, Nos. 13 and 14, which will lower or raise the points of the beam one inch. The depth can also be regulated by the corrugated cut-off. This valuable improvement in Break-Pin Attachment is not found in other Cultivators.

To turn all the soil toward the plants, change each forward shovel to the other's place.

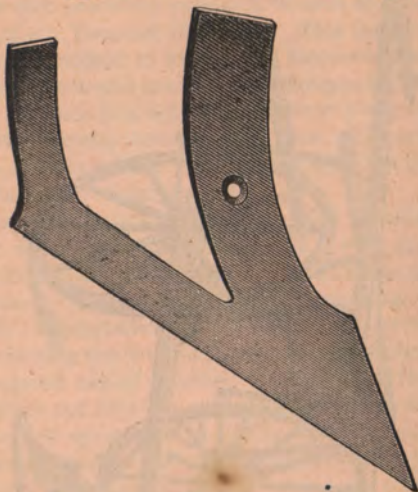
CLAIMS.

THE advantages possessed by "The New Departure" over all other Cultivators are very numerous and valuable. Space will not permit naming all of them. Briefly, we can maintain for "The New Departure:"

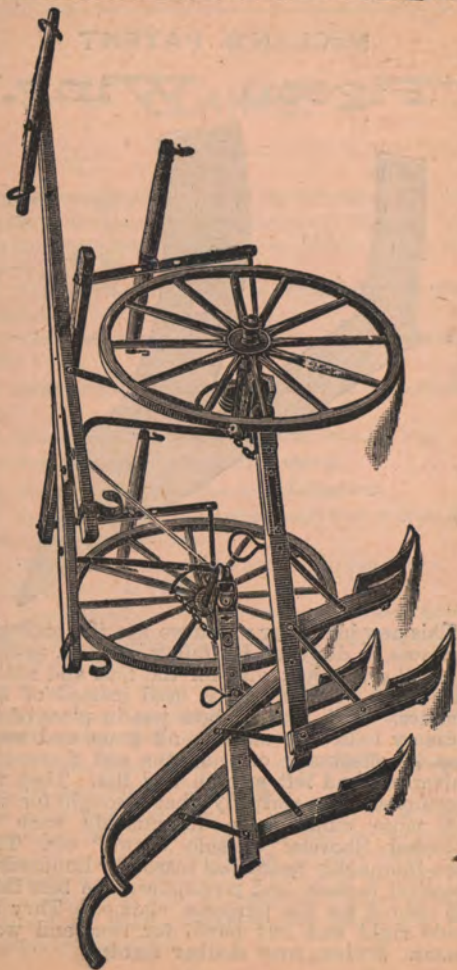
1. That it is the most simple in construction and easiest operated.
2. The front or carriage is composed entirely of iron and steel.
3. It is more compact and occupies little space for storage.
4. It is lighter and requires less draft from the team.
5. It has no down draft or side pressure.
6. It causes no sore necks or galled shoulders.
7. It has no complicated evener—each horse is compelled to do its share of the work.
8. The pitch of the shanks have safety-pin braces, and can be adjusted to a nicety.
9. It runs steadier over cross furrows and uneven ground.
10. On side-hill ground the wheels are always retained in the path of the team by the draft.
11. It will plow closer to the fences at the ends of rows.
12. It has four large twisted shovels, plows deeper, and will hill up the soil in a superior manner.
13. It leaves a team with *sound necks and shoulders* and in better condition for the harvest.
14. "The New Departure," having a higher and wider clearance in the arch, will pass over corn in the most advanced stages of cultivation, with the least injury to the tall stalks; whereas, with other cultivators, the neck-yoke, tongue and braces come in contact with the row of plants and destroy a large per centage of the taller stalks when "laying by" the crop.

McCLEN'S PATENT

"Pigeon Wing."



This new blade, for which we are the exclusive licensees, is designed for fallow plowing, putting in small grain, etc.; also for the first and second cultivation of corn, and is used instead of bull tongues. With four of them put in place of the ordinary cultivator shovels, all grass and weeds may be effectually cut out, the soil thoroughly pulverized and left smooth and flat. They will accomplish more perfectly what is sought for with the more cumbersome instruments such as "Gopher Shovels," "Eagle Claws," etc. They were thoroughly tested last season by hundreds of practical farmers and pronounced the best thing yet offered for the purposes claimed. They are made right and left hand, for iron and wood beams. Price, one dollar each.



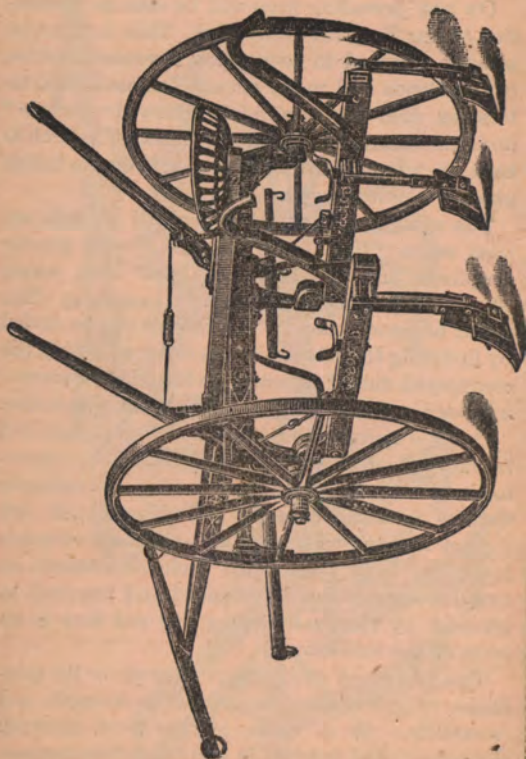
Pattee Tongue Cultivator.

ON THE preceding page will be seen an illustration of our Tongued Cultivator. This new implement is destined to occupy the foremost position of excellence and merit among Tongued Cultivators, as does the celebrated "New Departure" maintain among the tongueless class. The arch is high, thereby permitting it to pass over the tallest plants without injury to them.

The same gangs, with four twisted shovels, are used as on "The New Departure," with similar couplings and the celebrated nut lock, which effectually prevents the nuts from loosening. The depth of penetration of the shovels can be varied by inverting the journal boxes or by adjusting the corrugated cut-off attached to the shank braces—a feature not found in any other break-pin device.

Our coil spring can be attached to the gang and frame work of any of these cultivators by removing and replacing one nut, having no intricate fixtures to complicate its use. The simple coil springs are sent when required; all the cultivators leave the factory ready for their adjustment, so that the springs can be attached and removed at pleasure by simply loosening one nut that is always on the cultivator.

This improved cultivator is reduced to the minimum weight without impairing its strength and durability. It is made of the best material throughout and finished in a workmanlike manner. We bespeak for it the unqualified approval of those who desire a perfect, simple and efficient Tongued Cultivator.



"THE RELIABLE"

Combined Riding and Walking Cultivator.

This new candidate for favor with farmers and planters is offered by the manufacturers of it with full confidence in its fulfilling the requirements of an implement desired by practical and discerning agriculturists.

We cannot, in this limited space, refer to all the elements in its construction, but call attention to a faithful representation on the opposite page and briefly mention a few points of its distinctive merits:

The front standards may be raised or lowered from one and one-half to three inches without changing the angle of penetration of the shovels, thereby adjusting shovels to plow cotton when ridged. The shovels may also be raised or lowered on the standards, changing their angle of penetration as desired. The twisted shovels are also interchangeable on the standards so as to throw soil to or from the plants or completely cover the seeds and ridge thrown up for cotton.

The coupling is so adjusted as to be free from rocking motion, and by aid of our patent nut lock the nuts are kept permanently in position.

It has high wheels, which render the machine easy and light in draft. The construction of frame and adjustment of seat give perfect balance to relieve weight from horses' necks.

The beams are independent of each other, and have free vertical and lateral movement.

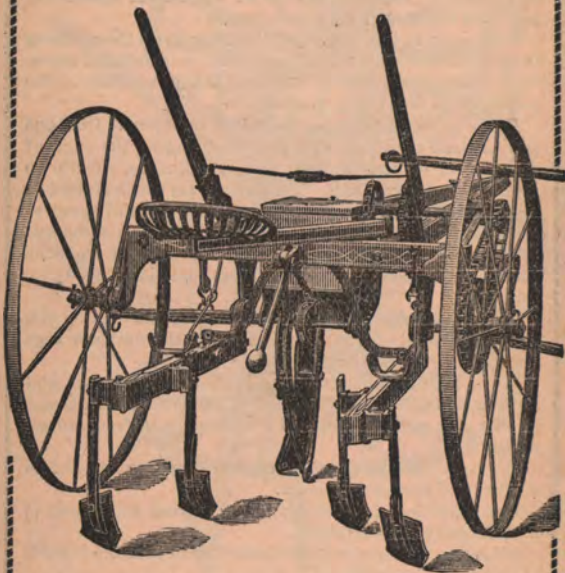
The transition from Riding to Walking Cultivator is quickly and simply rendered.

The adjustability of seat accommodates operators regardless of their size or weight.

It is made of first-class material and finished in artistic style.

Our Corn and Cotton Planter may be attached to this Cultivator which, for simplicity and thorough execution, has no equal. By the use of two chain belts, instead of the usual gearing, the Planter runs noiselessly, easily and with less friction. Corn can be drilled ten to fifteen inches as well as planted in hills twenty to thirty inches apart.

"THE RELIABLE"
Combined Riding and Walking Cultivator,
WITH STEEL WHEELS.



— SHOWING —

Corn and Cotton Planter,

*Which may be attached to either Steel
or Wood Wheels.*

“THE RELIABLE,”

With Planter Attachment.

The Corn and Cotton Planter Attachment, as shown in cut on preceding page, is without an equal for simplicity in operation and thoroughness in execution.

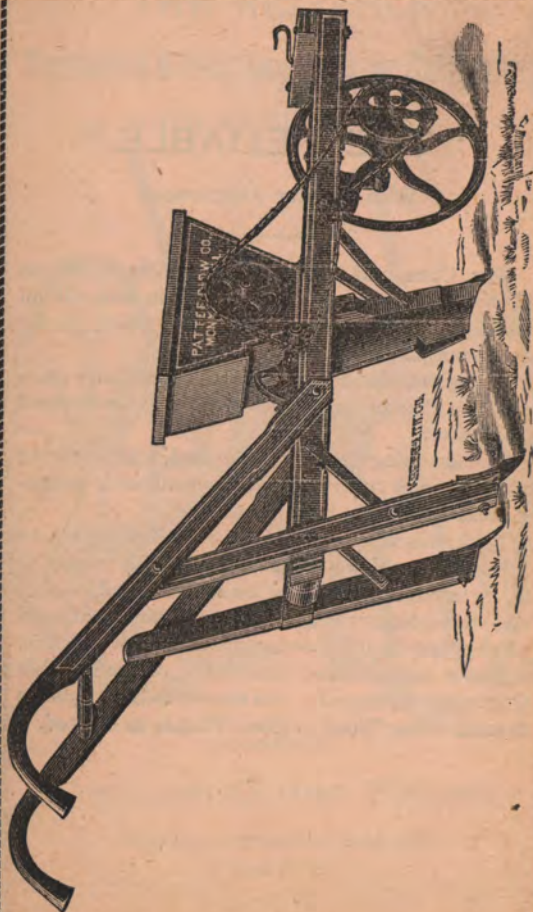
Using two chain belts instead of ordinary gearing, the Planter runs noiselessly, easily and devoid of friction.

The dropping device is provided with a spring cut-off, which secures the same result as is accomplished by modern corn-planters.

With this Planter corn may be *drilled* ten to fifteen inches as well as *planted* in hills twenty to thirty inches apart. The Cotton dies are adjustable and interchangeable, so that the quantity of seed planted may be increased or diminished at pleasure.

For a more detailed description of the Reliable Cultivator see page 15. As shown in both cuts we furnish either Wood or Steel Wheels as desired.

CHALLENGE CORN AND COTTON PLANTER.



“CHALLENGE”

One-Horse Corn and Cotton Planter.

On opposite page may be seen an illustration of our One-Horse Corn and Cotton Planter. The dropping device in this implement is the same as that which has given such unequaled satisfaction on the “Reliable” Corn and Cotton Planter Attachment, and accomplishes, with one horse, the same results. The Challenge is constructed with a view to strength and durability, and is finished in a workmanlike and attractive manner.

THE NEW DEPARTURE

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THE NEW DEPARTURE

TONGUELESS CULTIVATOR.

THE NEW DEPARTURE

The page features a decorative border with a repeating diamond pattern. Inside the border, there are 18 horizontal ruling lines, each consisting of a solid top line and a dashed bottom line, providing a guide for handwriting. The title 'THE NEW DEPARTURE' is centered at the top in a stylized, italicized font.

TONGUELESS CULTIVATOR.

THE NEW DEPARTURE

The page features a decorative border composed of a repeating diamond-shaped pattern. Inside the border, there are 18 horizontal dashed lines for writing. A solid horizontal line is positioned just below the title at the top of the page.

TONGUELESS CULTIVATOR.

THE NEW DEPARTURE



TONGUELESS CULTIVATOR.

Handwriting practice lines on a page titled "TONGUELESS CULTIVATOR." The page features a solid top line, a solid bottom line, and 18 horizontal dashed lines for tracing or writing practice. The page is framed by a decorative border consisting of a dashed line with small cross-like symbols at the corners.

THE NEW DEPARTURE

The page features a decorative border made of a repeating diamond-shaped pattern. Inside the border, there are 18 horizontal dashed lines for writing. The title "THE NEW DEPARTURE" is centered at the top in a serif font, with a solid horizontal line below it.

New Departure Repairs.

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

Price-List of Repairs.

Tongued Cultivator Repairs.

	Each
No. 60, Joint Piece for End Wood Beam	\$.40
" 61, Wheel Cap	.10
" 62,....63,....64,....65	.50
" 67,....68, Journal Boxes	.20
" 69, Joint Piece for End Iron Gang	.40
Wrenches, Malleable	.15
Metal Wheels	2.00
Wood Wheels	1.75
Tongues, finished	1.00
Hounds	.40
Wood Doubletree Piece	.40
Springs for Gangs	.75
Shovels, same as "The New Departure"	

Combined Cultivator Repairs.

	Each
No. 70, Tongue Casting, front end	.20
" 71, L. H.,....72, R. H....Pendants	1.00
" 73, L. H.,....74, R. H....Wheel Spindles	1.25
" 75,....76, Journal Boxes	.30
" 77, Joint Piece for End of Wood Beam	.50
" 78, Seat-Bar Casting	.20
" 79, Ratchet	.50
" 80, Lever Casting	.50
" 81, Tongue Casting, rear end	.15
" 82, Doubletree Draft Casting	.50
" 83, Foot Stirrup	.15
" 85, Malleable Bracket Cap	.15
" 86, Seat	1.00
" 87, Nut Lock	.05
" 88, Malleable Crosstie Swivel	.15
" 89, Casting for Hang-up Rod	.15
" 92, Plate between Beam and Bracket	.20
" 95, Beam Standard Bracket, L. H.	.50
" 96, Beam Standard Bracket, R. H.	.50
Wrenches	.10
Wrought Crossties for Gangs	.60
Wheels	3.00
Neck Yokes, ironed	1.00
Wood Beams for Gangs	.60
Wood Axletrees	.75
Wood Doubletree Piece	.50
Shovels, same as "The New Departure"	

Price-List of Repairs.

Reliable Planter Attachment Repairs.

		Each
No. 100,	Driving-Chain Wheel for Wood Wheel.....	\$.75
" 128,	Driving-Chain Wheel for Steel Wheel.....	.75
" 101,	Clutch-Chain Wheel.....	.40
" 102,	Clutch.....	.25
" 103,	Chain Wheel.....	.40
" 104,	Chain-Wheel Pinion.....	.25
" 105,	Chain Wheel on Stirring Shaft.....	.40
" 106,	Picker Wheel, six teeth.....	.40
" 107,	Picker Wheel, four teeth.....	.40
" 108,	Corn Drop-Wheel, 2 holes for 30-inch hills....	.40
" 109,	Corn Drop-Wheel, 3 holes for 20-inch hills....	.40
" 111,	Stirrers.....	.30
" 112,	Hopper Bottom, front section.....	.25
" 113,	Hopper Bottom, back section.....	.50
" 114,	Corn Cut-Off.....	.20
" 115,	Slide Cut-Off.....	.10
" 116,	Cotton Die.....	.10
" 116½,	Cotton Die.....	.10
" 117,	Washer to Fasten Driving-Chain Wheel.....	.10
" 118,	Reversible Washer Inside Seed-Box.....	.10
" 119,	Bracket to Attach Seed-Box to Frame.....	.20
" 120,	Spout on Seed-Box.....	.50
" 121,	Furrow Opener.....	1.00
" 122,	Picker Shaft-Boxes.....	.30
" 123,	Frame for Counter-Shaft.....	1.25
" 124,	Axle Iron to Attach Lever.....	.50
" 125,	Lever.....	.75
" 126,	Clamp to Attach Lever to Furrow Opener....	.30
" 127,	Clamp to Attach Lever to Furrow Opener....	.30
" 129,	Adjustable Box on Counter-Shaft Frame.....	.20

Challenge Planter Repairs.

		Each
No. 134,	Drive Wheel.....	\$1.00
" 135,	Chain Tightener.....	.20
" 136,	Loose Pulley Chain Tightener.....	.15
" 137,	Hopper-Box Bottom.....	.75
" 138,	Bracket Box for Drive Shaft.....	.50
" 139,	Dropper Shaft Box, L. H.....	.15
" 140,	Dropper Shaft Box, R. H.....	.15
" 141,	Cap for Dropper Shaft Box.....	.10
" 142,	Stirrer.....	.20
" 143,	Reversible Plate Inside of Hopper.....	.10
" 144,	Corn Cut-Off.....	.20
" 115,	Slide Piece for Corn Cut-Off.....	.10
" 145,	Sliding Die for Cotton.....	.15
" 146,	Driving-Chain Wheel.....	.25

Picker, Corn and Chain Wheels same as in "Reliable" Attachments.

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



Constantly Pursued, but Never Overtaken.