

Clark
"CUTAWAY"

Farm Implements

Catalog No. 31



"Since 1865"

The Cutaway Harrow Company
Higganum, Connecticut



Clark
"CUTAWAY"



THREE YEAR GUARANTEE

We guarantee CLARK "CUTAWAY" forged-edge Harrow Disks and Plow Disks for three years against breaking, cracking or any other defect which renders the disks unfit for use if, in the opinion of the purchaser, the disks should not have become unfit for service under the conditions on which they were used. If the purchaser believes that his CLARK "CUTAWAY" Disks have broken, cracked or otherwise become unfit for use as a result of defective material or workmanship, the defective disks will be replaced free when the old disks have been returned to us according to our shipping instructions and at our expense.

CONDITIONS OF GUARANTEE

This guarantee applies to both cutout and solid CLARK "CUTAWAY" Disks purchased since September 1, 1929, either as equipment on CLARK "CUTAWAY" Implements, or as replacements for use on CLARK "CUTAWAY" Implements, or as replacements on other makes of harrows.

The purchaser is to notify us before returning defective disks for free replacement and will send the disks according to our shipping instructions, transportation charges to be paid by us.

The purchaser will fill in, sign and mail to us the Free Replacement Application form which we will furnish.

The Cutaway Harrow Company, Higganum, Conn., U.S.A.

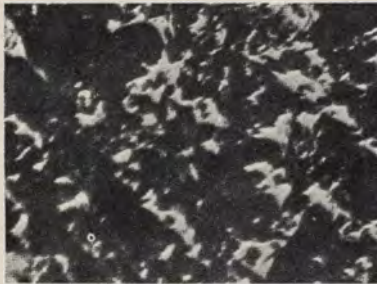
WHY A FORGED EDGE?

By G. B. UPTON

Assistant Professor Experimental Engineering, Cornell University



The above photomicrograph shows the internal structure of disk steel not forged sharp.



This shows the internal structure of a Clark "Cutaway" forged-edge disk, illustrating what our forging process does. Note the contrast between this and the upper photomicrograph. Read Prof. Upton's article.

"The Cutaway Harrow Company submitted to me two specimens of steel from the edges of the disks of a harrow. One specimen had the edge of the disk sharpened by grinding down; the other had been sharpened by forging down. The steel used was the same for both; the only difference lay in the method of sharpening. The specimens were polished, etched with acid, and photographed under a microscope.

"The difference between the two specimens is in the size of the crystal groups, or grain of the steels. The forged steel has over twice as fine a grain as the ground specimen. Forging (hot working) does more to a steel than merely change its shape; it breaks up the grain of the steel, causing a more uniform distribution and a decrease in the size of the different kinds of crystals which build up the internal structure of the steel.

"Now, the forging of the edge of the *Cutaway* harrow disk refines the grain and makes a stronger metal — one better able to resist wear or bending of the edge than if the edge were formed by grinding. Grinding would not affect the nature of the metal of the edge; would leave it the same as the inner parts of the disk. Forging makes the steel at the edge better and stronger, therefore, than grinding would do. Judging from the relative grain size of the two pieces the forged edge should be about 20% stronger and stiffer than the ground edge and should outlast it in service."

FORGED-EDGE DISKS

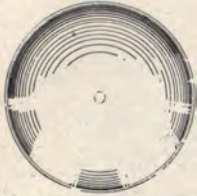
Cutout or Solid

The *Clark "Cutaway"* disk implements are equipped with cutout disks unless solid are specified. There is no difference in price and both kinds of disks are of the same cutlery steel and are given the same forged treatment. We wish only to give the farmer what will serve him best and whether he desires cutout or solid disks it is important that he should get *Clark "Cutaway"* disks. *Cutaway* disks are not "ready-made" disks, but are made in the *Cutaway* factory from special steel.



Over half a century ago we began equipping our disk harrows and plows with disks made of special cutlery steel, rolled to our own analysis, and forged sharp. *Clark "Cutaway"* disks are of tougher and harder steel; they do not chip, bend and crack as do many others. The picture above shows one of the power hammers which forges the edges of disks in the *Cutaway* factory.

The value of forging sharp any cutting edge is too well known to need argument. Consider the fact that stone drills, cold chisels, picks, and similar tools which are subjected to hard usage have forged edges or points. Every disk that goes on a *Clark "Cutaway"* implement — cutout or solid, large or small — is made of the same high grade cutlery steel and forged sharp.



This 18-inch solid disk has a cutting edge, or circumference, of 56½ inches. On light fallow land it doesn't make so much difference which you use but the more difficult the work, the better *Clark "Cutaway"* cutout disks will show up in comparison to ordinary solid disks.



This *Clark "Cutaway"* 18-inch disk has 64½ inches of cutting edge due to the notches. It has nine points and the notches are only 1¼ inches deep in the center, so there is no work left undone. The points penetrate easily and the notches break up the soil turned by the disk. The edge is forged sharp.



This 18-inch cutout disk of another make has six points—only two-thirds as many as the *Clark "Cutaway"*. The notches are 2 inches deep in the center and there is a wide space between the points. This means that the disk has an uneven, choppy action and does not do a thorough job. The edge of the disk is not forged.

Why We Recommend CLARK "CUTAWAY" Cutout Disks

While we will furnish any *Clark "Cutaway"* Implements with either cutout or solid disks, both forged sharp, we want you to know why we recommend cutout disks for most conditions.

The points on a cutout disk penetrate hard ground easier than the plain, smooth edge of a solid disk and in a like manner the points work their way down in between stones which makes cutout disks preferable for stony ground. The superiority of cutout disks is very apparent on sod for the chopping action of the points and notches cuts and tears the sod. On fallow land where solid disks do excellent work, the cutout disks do even better for they pulverize the soil more thoroughly and leave it more level.

Do not compare *Clark "Cutaway"* cutout disks with ordinary imitation cutout disks. The notches on our cutout disks are just the right depth to do the most effective work and haven't any of the disadvantages of the wrongly made cutout disks which have deep V-shaped notches. The notches on *Clark "Cutaway"* disks are U-shaped as you will

note by the illustrations of implements throughout the catalog. This gives a slicing action the way you would cut with a knife. The notch at its greatest depth is not deep enough to leave any work undone. The *Clark "Cutaway"* 16-inch cutout disk, for example, has eight points, whereas, an ordinary 16-inch cutout disk has only six points.

Cutting out a 16-inch disk the way we do makes six inches more cutting edge than there is on a solid disk of the same size. On larger sizes the increase is proportionate. When you stop to consider how many thousands of revolutions are made by each disk on a harrow in disking a field, and that each disk is doing six inches more of cutting every time it revolves, you get some idea of the tremendous advantage of *Clark "Cutaway"* cutout disks. Furthermore, you are getting this extra effectiveness with less draft for cutout disks penetrate easier than solid disks.

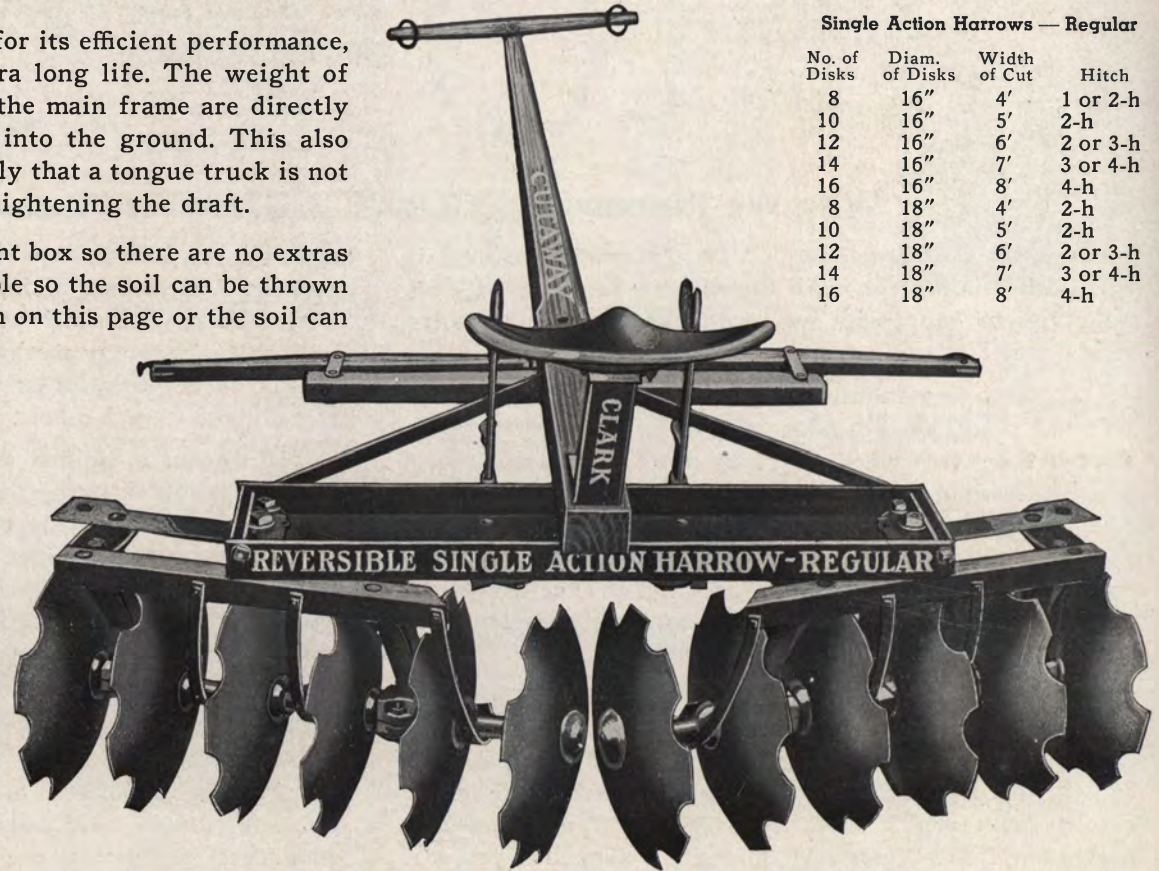
All of our implements are regularly furnished with cutout disks unless solid disks are specified. We are glad to furnish either type and the price is the same.

REVERSIBLE SINGLE ACTION DISK HARROWS

This harrow is well known for its efficient performance, unusually light draft and extra long life. The weight of the driver and the weight of the main frame are directly over the disks, forcing them into the ground. This also balances the harrow so perfectly that a tongue truck is not required, saving expense and lightening the draft.

The steel head forms a weight box so there are no extras to buy. The gangs are reversible so the soil can be thrown out as shown in the illustration on this page or the soil can be thrown toward the center of the harrow as shown in the illustration of the Extension Reversible Single Action Disk Harrow on page 7.

High quality materials are used throughout. Either cut-out or solid disks are furnished at the same price. The disks have the edges forged sharp and they are guaranteed against breaking and cracking for three years.



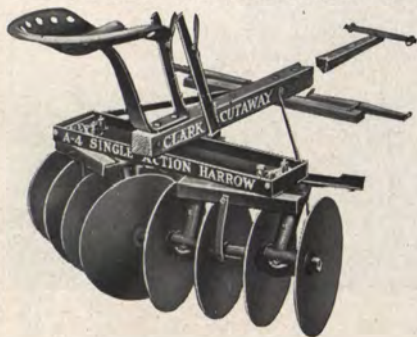
Single Action Harrows — Regular

No. of Disks	Diam. of Disks	Width of Cut	Hitch
8	16"	4'	1 or 2-h
10	16"	5'	2-h
12	16"	6'	2 or 3-h
14	16"	7'	3 or 4-h
16	16"	8'	4-h
8	18"	4'	2-h
10	18"	5'	2-h
12	18"	6'	2 or 3-h
14	18"	7'	3 or 4-h
16	18"	8'	4-h

EXTENSION REVERSIBLE SINGLE ACTION DISK HARROWS



Clark "Cutaway" Reversible Single Action Harrows are not ordinarily used with tongue truck but an excellent tongue truck can be supplied if desired for extreme conditions. The tongue truck is described on page 22.



Bear in mind that we furnish all Clark "Cutaway" harrows with solid disks instead of cutout disks if preferred. The price is the same for either type and both carry the 3-year guarantee.

For orchard work and some other special uses reversible gangs are necessary. There is no harrow on which the gangs can be reversed so quickly and easily as on the Clark "Cutaway."

On the single extension head harrows, the gangs can be placed close together in the center of the frame as on the regular head harrow. On harrows with more than one extension the gangs can be placed at the intermediate extension points as well as close together in the center of the frame.

Naturally, on all the sizes above the single extension, the head will project out beyond the disks when the gangs are moved in more than one extension.

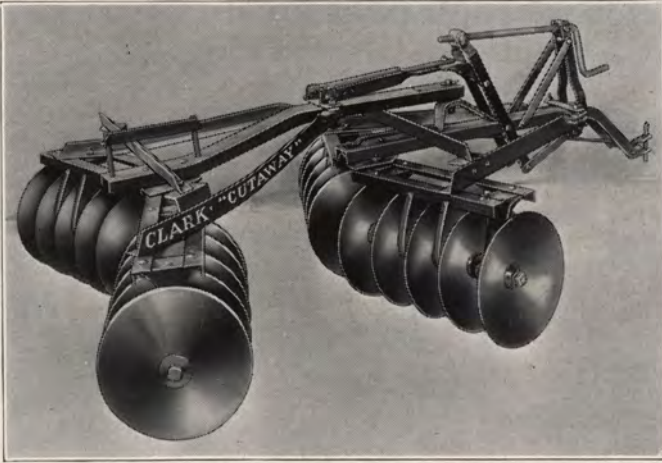
The illustration shows a 10-disk harrow with single extension head, with gangs extended and reversed. The double, triple and quadruple extension widths are furnished with wood heads and with "low-down" levers which are placed back on the head in a horizontal position.



Reversible Single Action Harrow — Extension with Gangs Reversed. To reverse, it is only necessary to drop the lever links, swing the gangs around on the king bolts and reattach the links.

Clark "Cutaway" Single Action
Harrows — Extension

No. of Disks	Diam. of Disks	Width of Cut	Hitch	WOOD HEADS	ONLY Quad- ruple Ext.
				Double Ext. Width of Cut	
8	16"	6'	1 or 2-h	8'	10'
10	16"	7'	2-h	9'	11'
12	16"	8'	2 or 3-h	10'	12'
8	18"	6'	1 or 2-h	8'	10'
10	18"	7'	2-h	9'	11'
12	18"	8'	2 or 3-h	10'	12'



FLEXIBLE D. A. TRACTOR DISK HARROWS

The *Clark "Cutaway"* Flexible Double Action Tractor Disk Harrows, described on pages 8 and 9, are increasing in popularity because of their common sense construction and their rugged strength and the splendid work they do. You will notice that these harrows are free from complicated and "tricky" attachments that might give trouble.

While the frame permits extreme flexibility on rough ground and in turning corners, at the same time the harrow is very efficient and does high class work. The front section of the harrow may be used alone if desired. The rear section is quickly detached by removing the coupling pin and one bolt.

At the left is illustrated the new 20-16" 5 ft. size which is popular for use with the new small tractors. We furnish either cutout or solid disks, or any combination of the two types of disks, at the same price.

SPECIAL HARROW FOR CITRUS GROVES



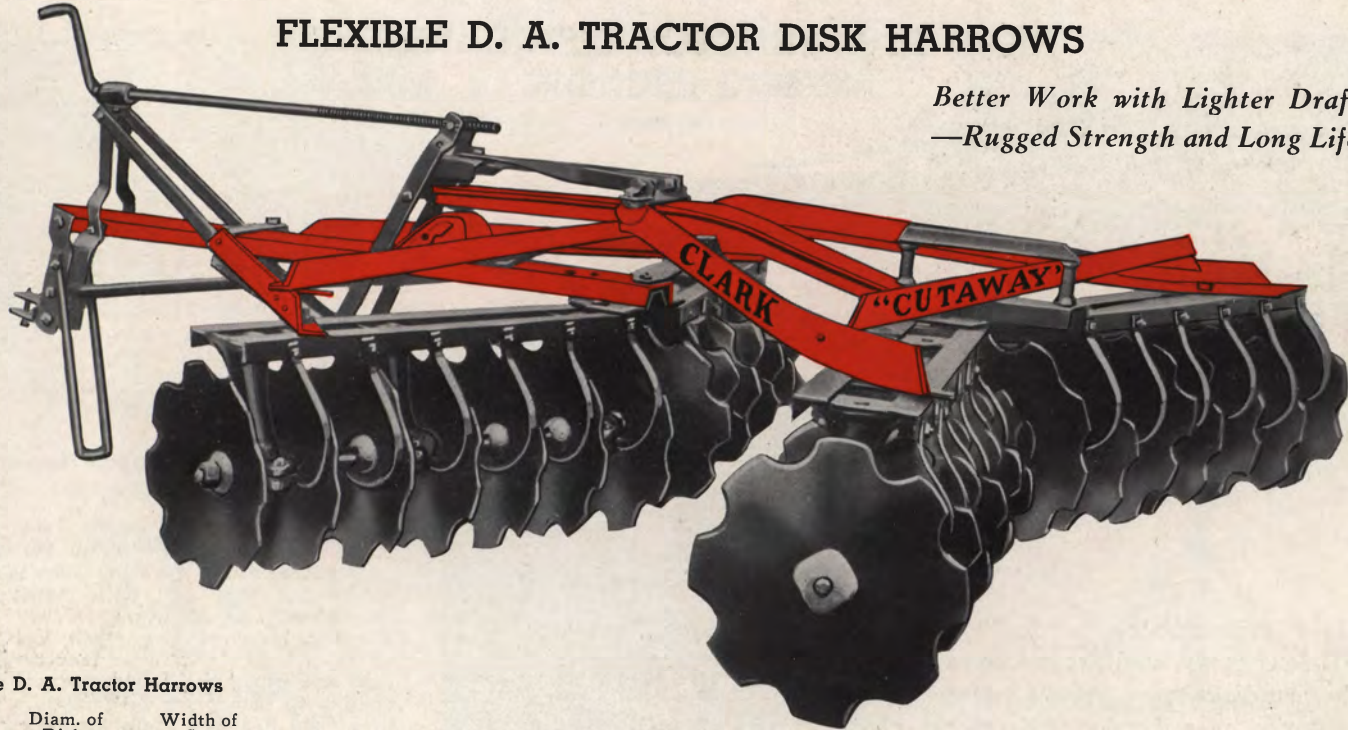
The Tractor Grove Disk Harrow has the same type of frame construction as the Flexible Double Action Tractor Harrow on page 9 but is especially designed for Florida citrus grove conditions. The disks are 14 inches in diameter, spaced 5 inches apart. Depth bands regulate the depth of cut to about 3 inches. There are metal fenders over the outer ends of the gangs. Made in three sizes: cutting 8 ft., 9½ ft. and 12 ft. respectively. Write for special folder giving full details.



Flexible Tractor Harrow doing an excellent job on unplowed land covered with rank growth of weeds and grass. This demonstrates the superior cutting and penetrating qualities of our cutout disks.

FLEXIBLE D. A. TRACTOR DISK HARROWS

*Better Work with Lighter Draft
—Rugged Strength and Long Life*



Flexible D. A. Tractor Harrows

No. of Disks	Diam. of Disks	Width of Cut
20	16"	5' 6"
24	16"	6' 6"
28	16"	7' 6"
32	16"	8' 6"
20	18"	5' 6"
24	18"	6' 6"
28	18"	7' 6"
32	18"	8' 6"
28	20"	8'

This illustration clearly shows the sensible and practical construction of the Clark "Cutaway" Flexible Double Action tractor Disk Harrow. The frame is made of heavy channel and angle steel. The screw control for angling and straightening the gangs is powerful and positive. The frame uses the "over-draft principle" which makes penetration easier and avoids low-hanging projections so there is nothing to catch on obstructions. Additional description appears on page 8.

RIGID D. A. TRACTOR DISK HARROWS



The rigid frame construction makes a compact harrow which means light draft. All four gangs of disks are bolted to the one rigid main frame. This forces the rear disks to cut always halfway between the front disks. This type of construction was developed from the *Clark "Cutaway"* Rigid Double Action Horse Harrow (see page 19) which has been widely used all over the country for many years.

The frame is strongly constructed of high grade angle steel firmly riveted together with a heavy channel steel pole. Cutout disks are regular equipment but solid disks will be furnished at the same price. Transport trucks can also be supplied.

"X" Series D. A. Tractor Harrows

No. of Disks	Diam. of Disks	Width of Cut
24	16"	6½'
*28	16"	7½'
16	18"	4½'
20	18"	5½'
24	18"	6½'
28	18"	7½'
32	18"	8½'
36	18"	10½'

*Machines having 28 or more disks are equipped with center disk.

"B" Series D. A. Tractor Harrows (Heavy Service Type)

The "B" Series, or Heavy Service Type, Rigid Double Action Tractor Harrows are constructed along the same lines as the "X" Series but they are built much heavier throughout. In fact, our Heavy Service Tractor Harrows are much heavier and stronger than the average tractor disk harrow and are built for extremely difficult conditions or for use with extra large tractors. Specifications are given below but we have a special folder giving more detailed information.

No. of Disks	Diam. of Disks	Width of Cut
24	20"	7'
28	20"	8'
36	20"	10½'
44	20"	12½'

All of the above machines are equipped with center disk.

REVERSIBLE WONDER DISKER

(PATENTED)

ALL PURPOSE DISK
FOR
FARMERS, FRUIT GROWERS
AND CONTRACTORS

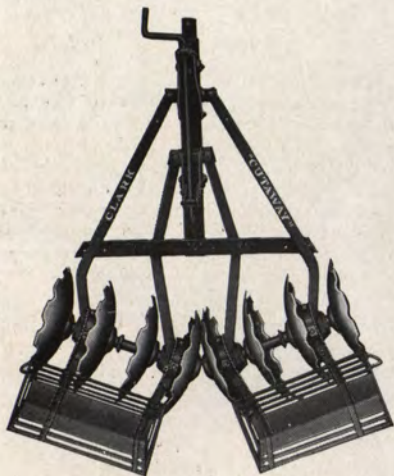


Hundreds of commercial fruit growers use Clark "Cutaway" Wonder Diskers for cheaper, better orchard cultivation. Gangs are reversible.



A double action outfit consisting of two Wonder Diskers in tandem. Just imagine what you could accomplish with this on your farm.

Read the full description of this useful and popular implement on this page and the three following pages.



Regular Position — Disks Throwing OUT



Just a fair sample of the amazing work which the Wonder Disker will do. On rough work like this the implement quickly pays for itself in time and labor saved. Notice the flexibility.



Reversed Position — Disks Throwing IN

(Continued from page 11)

The Clark "Cutaway" Wonder Disk is a big, heavy powerful implement built for unusual jobs where ordinary plows and harrows cannot be used or where they make the job too laborious and costly. In many cases a Wonder Disk will pay for itself on one job. This improved implement supersedes the Bush and Bog Plow and Harrow, the Brush Tractor Harrow and the Brush Breaker Plow.

The Wonder Disk is particularly recommended for the following kinds of work; subduing and reclaiming virgin brush land, bog land, cleared woodland, drained swamps; thorough and economical orchard cultivation, including sod breaking and disking in cover crops; renovating old pastures; disking heavy stubble; road building, golf course construction, sub-division development and other contractors' jobs.

The Clark "Cutaway" Wonder Disk is surprisingly light draft for the great amount of work it does. A 10-20 tractor can easily pull it, or a 15-30 tractor can pull two Wonder Diskers in tandem. Draft is direct from axle. Gangs may be angled in either direction without stopping the tractor — no backing, no lost time.

Any implement of this nature needs ample weight added when used on tough sod, on brush land or in bogs. The deep, roomy weight carriers, firmly built of heavy steel, are mounted at the rear so that the leverage makes the weight 26¾% more effective (by actual test) than when weight is carried on top. This also avoids a "top-heavy" machine — it hugs the ground and is on the job every minute. It is easy to load and unload weight.

FULLY EQUIPPED

As Illustrated Including Attachment for Reversing Gangs.

8 Heavy 24-Inch Disks
6 Ft. Wide. 750 Lbs.

U. S. Patent No. 1881599

Clark
"CUTAWAY"

WONDER DISKER

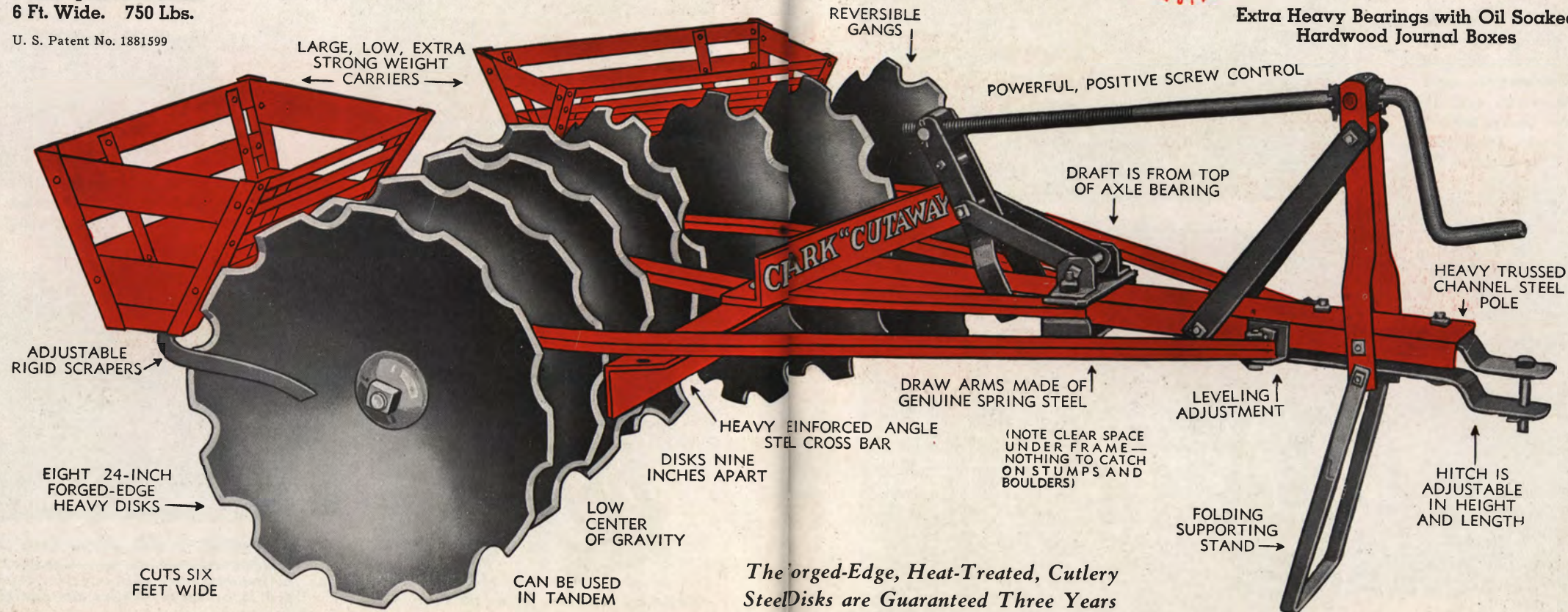
The Reversible All-Purpose Disk



Alemite Push Type Lubrication

Oil cups or compression grease cups may be substituted.

Extra Heavy Bearings with Oil Soaked Hardwood Journal Boxes



The Forged-Edge, Heat-Treated, Cutlery Steel Disks are Guaranteed Three Years

The Wonder Disk is flexible enough to meet the most exacting requirements on rough conditions without sacrificing any efficiency. The rugged frame is strongly made of spring steel and angle steel, with heavy channel steel pole. There is full clearance because no part of the frame is lower than the axles. The 8 extra heavy cutlery steel disks, 24 inches in diameter, are heat-treated with edges forged sharp. Disks are spaced nine inches apart.

The Clark "Cutaway" Wonder Disk is one of the most valuable orchard implements made. It will disk in heavy cover crops and cut up the toughest sod. It does the orchard breaking better and faster than moldboard plows and does tilling work that is too heavy for disk harrows or spring tooth harrows. By replacing plow and harrow, the Wonder Disk reduces machinery investment as well as cutting labor costs.

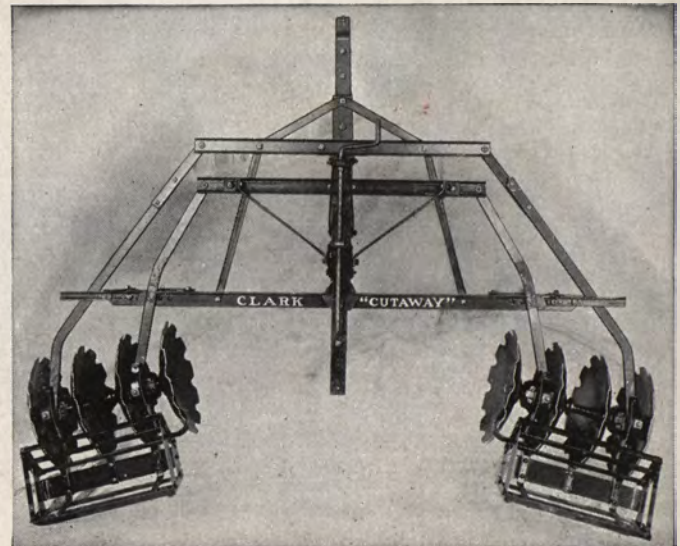
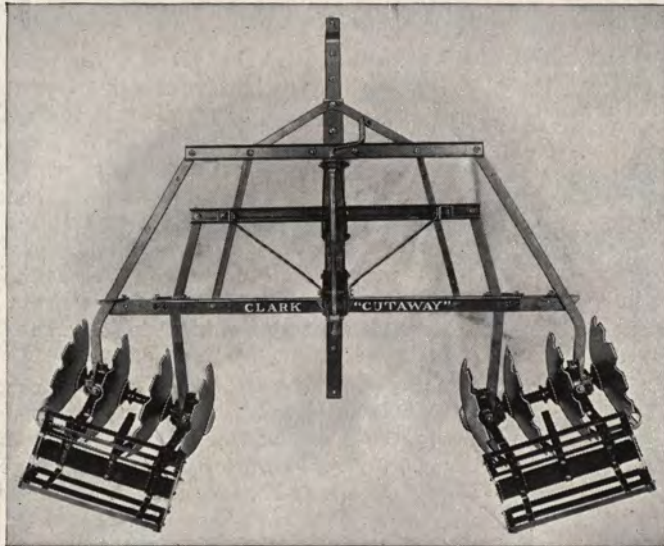
For orchard work the reversing feature is vital. By throwing the soil away from the trees at alternate cultivations (or as required) ridges are eliminated and the land left level. The low construction with weight carriers hung at the rear makes it easy to work under low branches. The gangs are easily reversed by means of a reversing attachment furnished with every machine. Some fruit growers use two 6 ft. Wonder Diskers in tandem, or a 10 ft. Extension Wonder Disk front and a 6 ft. unit rear as shown in orchard scene on next page.

Heavy-duty disk implements of this character were originated more than forty years ago by George M. Clark, founder of The Cutaway Harrow Company. Avoid imitations; insist on the genuine Clark "Cutaway" Wonder Disker.

(Continued on page 14)

EXTENSION REVERSIBLE WONDER DISKER

This implement, designed specially for fruit growers, is merely an 8-24 Wonder Disker with a special wide frame giving an overall cut of 10 feet. The gangs of disks and the weight carriers are identical and the reversing is done in the same manner; it also uses the same screw control. The illustration at the upper right shows a 10 ft. Extension Wonder Disker with a 6 ft. Regular Wonder Disker behind. The extension model may be purchased or used separately. The extension frame includes a tandem hitch. Illustration below show the implement in the out-throw and in-throw positions.



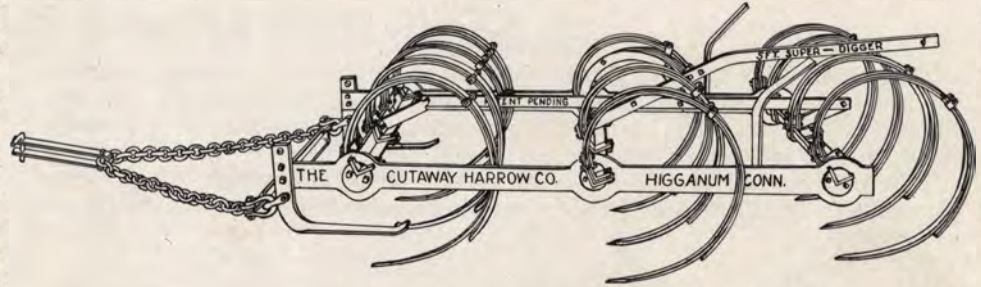
THE SUPER-DIGGER

The Super-Digger is an extra heavy spring tooth type of plowing harrow for use with tractor on fallow ground and some sod conditions. It is double the weight and twice the strength of similar implements and therefore in a class by itself.

The teeth are double, are longer, and each leaf much heavier than regular harrow teeth. They are stiff enough to plow deep and flexible enough to "give" when necessary. The flexible frame allows the plowing harrow to pass over rocks and obstructions and to shake out trash.

The Super-Digger has twelve teeth and cuts 5 feet wide and from 4 to 9 inches deep, making a deep mellow seedbed. This feature appeals to potato growers.

Each five-foot section, which weighs 375 pounds, requires about 10 horsepower when digging 6 to 8 inches deep under average conditions. Two or more five-foot sections can be fastened together side by side, with a special hitch, for use with large tractors.



CORN, BEAN AND PEA PLANTER

This distinctive type of planter has been popular with eastern farmers for nearly half a century but the *Clark "Cutaway"* Corn, Bean and Pea Planter which has been built during the past few years has been greatly strengthened and improved.

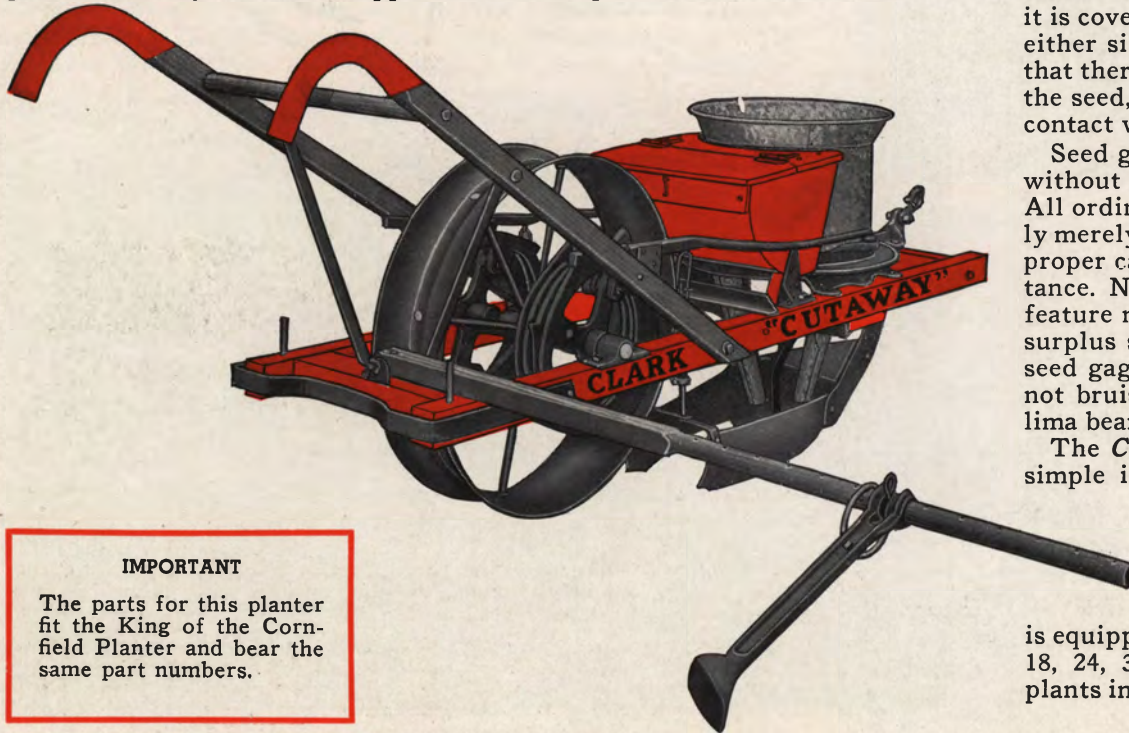
This planter can be pulled easily by one horse and seven to ten acres planted in a day. The seed hopper has two compartments, so two kinds of

seed may be planted at the same time, such as corn and beans, or other seeds. It is just as practical for planting peas or beans alone as it is for corn.

The operator can see both the seed and the fertilizer drop into every hill before it is covered. The fertilizer is dropped on either side of the seed in such a manner that there is a layer of soil between it and the seed, so the fertilizer never comes in contact with the seed.

Seed gages can be removed or replaced without taking the seed from the hopper. All ordinary hill spacing is done instantly merely by placing the drive rods on the proper cams which give the required distance. No tools are necessary; this is a feature not found on other planters. The surplus seed is brushed gently from the seed gage by a soft brush, so the seed is not bruised. A special seed agitator for lima beans can be furnished.

The *Clark "Cutaway"* Corn Planter is simple in construction, easy to operate and not liable to get out of order. Every planter is furnished with a reversible adjustable marker and a supporting stand. Every planter is equipped for planting in hills $4\frac{1}{2}$, 9, 12, 18, 24, 36 and 72 inches apart. It also plants in drills.



IMPORTANT

The parts for this planter fit the King of the Corn-field Planter and bear the same part numbers.

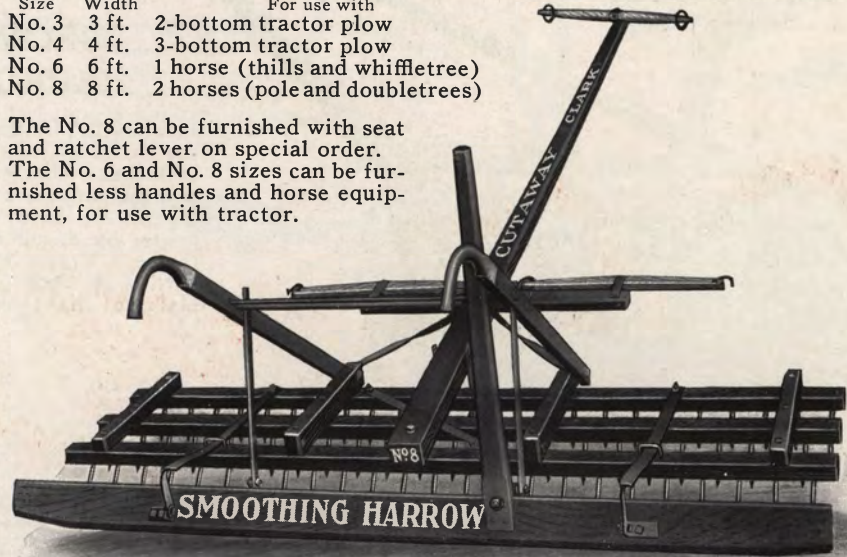
SMOOTHING AND LEVELING HARROWS

This implement is a combination of the spike-tooth harrow and plank drag, but an improvement over both of them. The teeth are set in three rows and in such position as to make a tooth cut every inch and a quarter. Not only does the Smoothing and Leveling Harrow thoroughly pulverize the soil, making a fine, soft seedbed, but it also levels the surface. The leveling board at the rear carries the soil from the high places into the hollows and at the same time firms the surface, the amount of soil depending upon the position in which the board is held.

The sturdy frame of native New England oak is strongly bolted, riveted and braced. The sharp-pointed half-inch square steel teeth project $5\frac{1}{2}$ inches below the tooth bars. The teeth are set in

Size	Width	For use with
No. 3	3 ft.	2-bottom tractor plow
No. 4	4 ft.	3-bottom tractor plow
No. 6	6 ft.	1 horse (thills and whiffletree)
No. 8	8 ft.	2 horses (pole and doubletrees)

The No. 8 can be furnished with seat and ratchet lever on special order. The No. 6 and No. 8 sizes can be furnished less handles and horse equipment, for use with tractor.



three rows in such positions that a tooth cuts every inch and a quarter. Teeth are set at a sharp angle so they break up the freshly turned furrows without pulling up trash or clogging.

The harrow shown in the small illustration is the new type that is being used directly behind tractor moldboard plows. On light soil this little harrow is doing all of the seedbed preparation directly behind a tractor plow in one operation.

The Clark "Cutaway" Smoothing and Leveling Harrow makes such a perfect seedbed that it can be followed by a seed drill using the smallest seeds. This harrow is worth many times its cost to the truck farmer, market gardener, florist and nurseryman. It is used extensively for making fine lawns and golf courses and for laying out perfectly level seedbeds where underground irrigation is used.



UTILITY HARROW

The Utility Harrow is ideal for the market gardener, truck farmer, florist or general farmer who wants a one-horse harrow that will give as thorough tillage as a larger harrow requiring several horses. It is just the machine for a man with a small place and only one medium or small horse.

The 10 14-inch disks are spaced 5 inches apart, so the soil is thoroughly chopped and pulverized, leaving it fine and mellow. The angle of the gangs is controlled by one convenient lever. Seat is placed well back so weight of the driver is directly over the disks, forcing them into the ground. The gangs can be easily reversed to throw the soil in toward the center of the harrow. The Utility Harrow cuts 4 feet wide.

GROVE HARROW

Like the Utility Harrow, the Grove Harrow has 10 14-inch disks, cuts 4 feet wide, and the gangs are reversible. Gangs are held at various angles by means of bolts in the head. Frame is of selected hardwood. Seat can be furnished at slight extra cost.



BABY CULTIVATOR

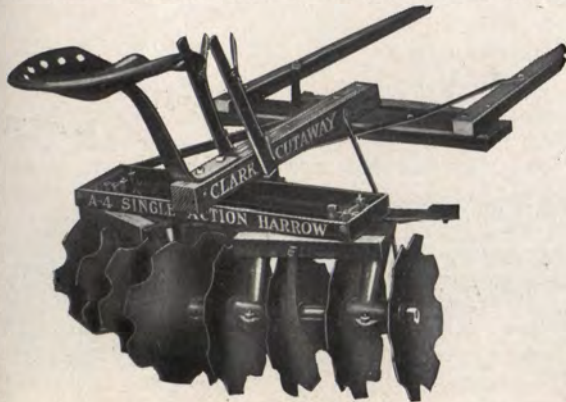
A light, sturdy one-horse disk cultivator with 14-inch disks spaced 4 inches apart, for fine work. The gangs are reversible so operator can cultivate toward the rows or away from them. Angle of the gangs is adjusted by bolts in the weight box. Adjustable wheel and handles. The Baby Cultivator is often used for seedbed preparation as well as for row cultivation of berries, young fruit trees and field crops. Made in two sizes: 6 14-inch disks, 24-inch cut; 8 14-inch disks, 32-inch cut.



8-16 In. SINGLE ACTION 1-HORSE HARROW

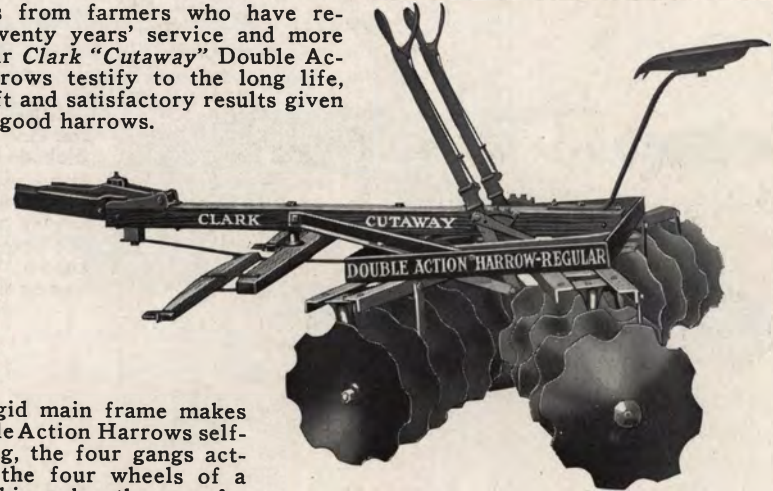
For detailed description of the 8-16 inch Single Action Harrow, illustrated below, turn to page 6 because this harrow is constructed exactly the same as the Reversible Single Action Disk Harrows described there. It is the same harrow listed in the specifications on page 6. The harrow cuts 4 feet wide, has reversible gangs, steel head and two levers.

The gangs can be spread apart exactly the same as on the Corn and Cotton Harrow described on page 21, in fact, it is the identical harrow and it can be furnished with combination pole and shafts, at an additional cost, for use with one or two horses.



DOUBLE ACTION DISK HARROWS

Letters from farmers who have received twenty years' service and more from their *Clark "Cutaway"* Double Action Harrows testify to the long life, light draft and satisfactory results given by these good harrows.



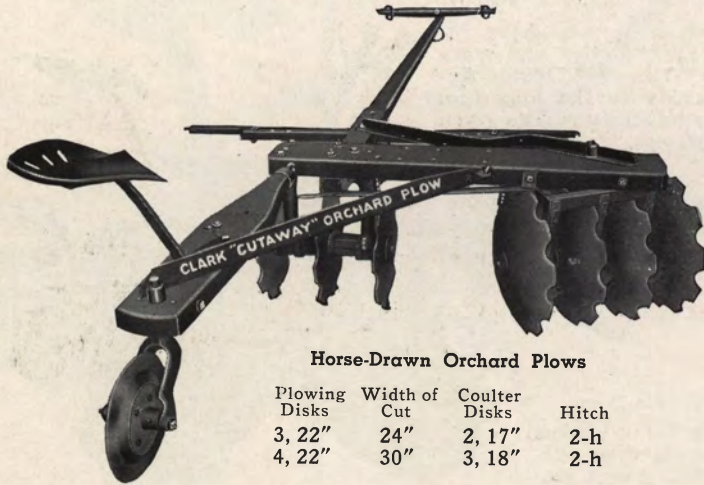
The rigid main frame makes the Double Action Harrows self-supporting, the four gangs acting like the four wheels of a wagon. This makes the use of a tongue truck absolutely unnecessary, resulting in a closer hitch with consequent lighter draft as well as a saving of several dollars in the price of a tongue truck. The hitch can be moved forward to the front end of the stub pole and the tip pole left off entirely if desired.

The rear disks always cut half way between the front disks and at the same depth. Every inch of the ground is thoroughly cut and pulverized. Cutout disks are regular equipment but solid disks, or any combination of the two types, will be furnished at the same price. Transport trucks can be supplied.

Clark "Cutaway"
Double Action Harrows

No. of Disks	Diam. of Disks	Width of Cut	Hitch
12	16"	3' 6"	1 or 2-h
16	16"	4' 6"	2 or 3-h
20	16"	5' 6"	2, 3 or 4-h
24	16"	6' 6"	3 or 4-h
28	16"	7' 6"	4-h

HORSE DRAWN ORCHARD DISK PLOWS



Horse-Drawn Orchard Plows

Plowing Disks	Width of Cut	Coulter Disks	Hitch
3, 22"	24"	2, 17"	2-h
4, 22"	30"	3, 18"	2-h

It is impossible to cultivate close to the trees with an ordinary horse-drawn disk harrow in the average orchard; a special machine is required. The *Clark "Cutaway"* Orchard Plow is constructed with the plowing disks set off to the right so they extend beyond the team.

The plowing gang is reversible so the soil can be thrown towards the trees or away from them. The coulter, or straight, disks counteract the side draft due to the position of the plowing disks. The steering wheel also serves to maintain a perfect line of draft; when turning corners it is released to swing on its pivot, automatically locking in place when the team goes straight again.

The regular machine as now furnished is wider than shown in the illustration. The outside plowing disk cuts 5 feet beyond the team and the plowing gang can be moved in closer to the team if desired.

TRACTOR ORCHARD DISK PLOW

A special implement for cultivating under low-hanging branches, close to the trees. The plowing gang, which has 5 22-inch disks, plows a strip 3 feet wide. The plowing gang is reversible so the soil can be thrown towards the trees or away from them. The implement is 8 feet wide overall and the outside plowing disk cuts about 3 feet beyond the right hand wheel of an average 10-20 tractor. There is a large under-slung weight box. Can be furnished with galvanized sheet steel tree guard across front of implement. Write for descriptive folder.



REVERSIBLE CORN AND COTTON HARROW

Southern Farmers Like It!

This harrow not only makes a perfect seedbed but is used extensively by southern farmers for cutting up cotton stalks and harrowing before plowing.

The gangs can be extended and also reversed thus enabling the owner to use the harrow astride the row for cultivating corn and for barring off cotton. Cutout disks are better for chopping trash but solid disks will be furnished if desired. Can be supplied with tongue truck; transport trucks can also be furnished.

Out-throw — Corn and Cotton Harrow cuts 4 ft. wide when gangs are placed close together as shown on page 6. Gangs may be spread apart 5 in. or 8 in. for cultivating astride the row.

In-throw — With gangs reversed harrow is 4 ft. wide with 10 in. space in center. Gangs may be spread apart to give 13 in. or 16 in. space in center.

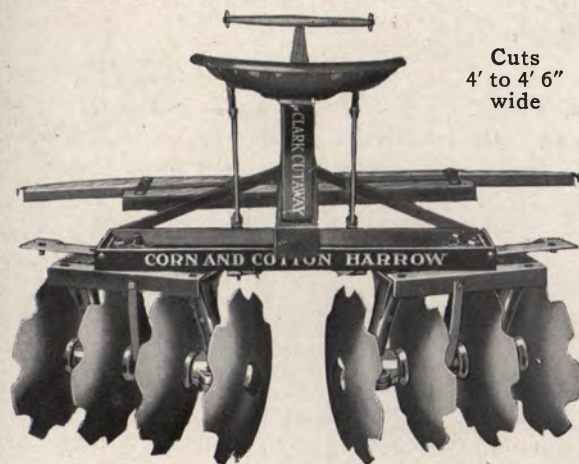
TWO SIZES

8 16-in. disks
8 18-in. disks

Reversible Gangs



Reversed

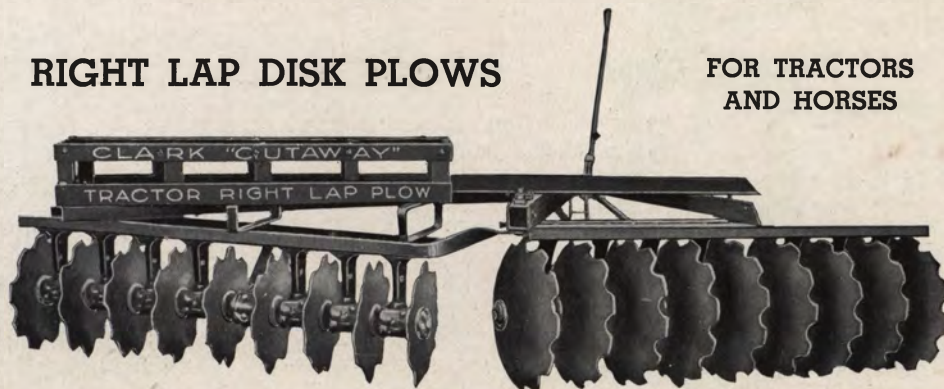


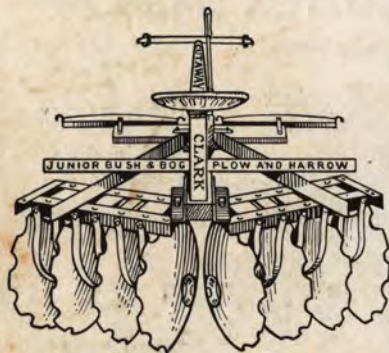
Showing gangs spread for row cultivation. Gangs are placed close together for field work.

On fallow land plowing this special implement will quickly pay for itself in time and labor saved. The Right Lap Plow has long been popular in the west for plowing grain stubble and is particularly in demand in drought years when the stubble land is baked hard. It is also used extensively for plowing by rice growers. The Right Lap Plow is made in three sizes for horses and three sizes for tractor. We will gladly send, without obligation, our large folder giving detailed description and specifications.

RIGHT LAP DISK PLOWS

FOR TRACTORS
AND HORSES





Junior Bush and Bog Plow and Harrow

The man who has extremely rough work to do but owns no tractor can use this popular implement. A good pair of horses can handle it and do effective work. The implement is very strongly built and is equipped with 8 heavy 20-inch disks; the implement is 4½ feet wide; gangs are reversible. The Junior Bush and Bog Plow and Harrow is sometimes used with small tractors and we can furnish it with special tractor hitch in place of two-horse equipment and seat at the same price.

Tongue Trucks

The Clark "Cutaway" Harrow Tongue Truck is so much better made than ordinary tongue trucks that it is frequently purchased for other makes of disk harrows. The wheels are larger and stronger than on most tongue trucks and the universal joint and adjustable clevises are distinct advantages. We also make a heavy single wheel tongue truck.



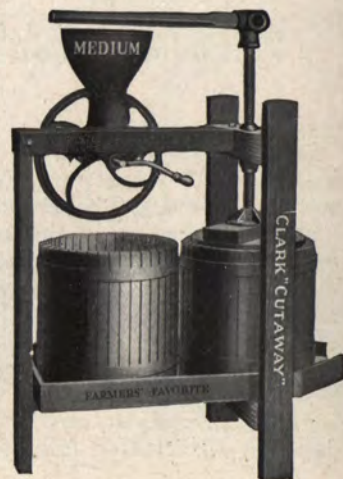
Tobacco Press

The Samson Tobacco Press is used extensively by leading tobacco packers in this country and many foreign countries for packing leaf tobacco in bales, cases and barrels. It is a tremendously strong and efficient press. We also make special baling boxes for use with this tobacco press which is frequently used for pressing commodities other than tobacco. Send for special folder.



Cider Mills and Fruit Presses

Several types and sizes of single tub and double tub presses for grapes or apples; with or without grinder. Special folder sent on request.





CLARK

Registered Trademark

CUTAWAY

Registered Trademark

It is unlawful for any other firm or individual to use the word "CUTAWAY" to describe any type or style of farm implement or part thereof.

THE CUTAWAY HARROW COMPANY

Higganum, Connecticut

Other Registered Trademarks owned and controlled by the Cutaway Harrow Company are:

FARMERS' FAVORITE (Cider Mills and Fruit Presses)

SAMSON (Tobacco Baling Presses)

RIGHT LAP (Disk Plows)