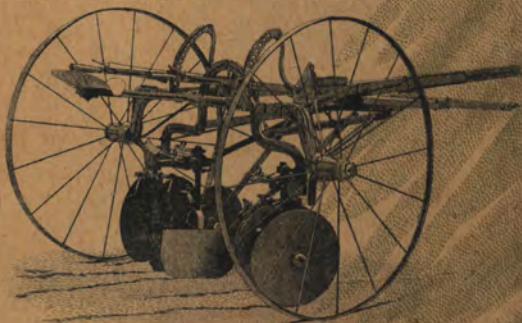




Pocket Annual

DAVID

BRADLEY
MFG. CO.



BRANCHES:

DAVID BRADLEY & CO.
COUNCIL BLUFFS, IOWA

DAVID BRADLEY & CO.
MINNEAPOLIS, MINN.

BRADLEY, WHEELER & CO.
KANSAS CITY, MO.

BRADLEY, HOLTOM & CO.
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BUSCH & NANNON,
LOS ANGELES, CAL.

GEO. A. LOWE,
SALT LAKE CITY & OGDEN, UTAH.

STEVENS & SCHUREMAN MFG. CO.
ST. LOUIS, MO.

Office
63 N. Des Plaines
Street.

Chicago

1894



David Bradley Mfg. Co.
CHICAGO.

SUCCESSORS TO

Furst & Bradley Mfg. Co.

MANUFACTURERS OF

Plows, Cultivators, Rakes,
Disk Harrows, Disk Cultivators &c

ABOUT HARDENED SHARES AND SHOVELS.

OUR WARRANTY.

We warrant our hardened shares and shovels to be well made, from first-class material, and to be properly shaped and tempered, when they leave the factory.

WE DO NOT WARRANT

Hardened shares or shovels against breakage, except when it occurs from a flaw or other manifest defect; nor will we be responsible for the scouring of hardened shares, or for the proper running of plows from which they have been taken, after the said shares have been in a blacksmith's forge outside of our factory. Neither will we hold ourselves responsible for the scouring or proper shape or suction of hardened shovels, after they have been sharpened or set elsewhere than at our factory; consequently we cannot receive such shares or shovels in exchange for new ones, or for credit in account.

How to Sharpen Hardened Shares or Shovels.

New hardened shares and shovels are drawn as thin as it is safe to make them, considering the usage they are liable to meet with in handling and in transportation. They can be brought down to a sharper edge by grinding the underside of them on a grindstone, using water. A dry stone might draw the temper. If they become so blunt after a while that grinding will not give them as sharp an edge as is wanted, they can then be heated and drawn out. To do this right but a small portion of the point or of the edge of the share should be heated at one time—as much only as can be hammered out before it cools—and repeat the operation until the entire edge and point have been gone over. Heat the steel to a cherry red—never more; or, if it gets hotter, let it cool to a dark cherry color before hammering. Be careful to keep the body of the share or shovel as cool as possible, by putting moist earth or wet rags upon it, so as not to draw the temper except on the extreme edge which is to be heated and hammered.

(CONTINUED ON NEXT INSIDE PAGE OF COVER.)



ESTABLISHED IN 1853.

DAVID BRADLEY Mfg. Co.

(SUCCESSORS TO FURST & BRADLEY MFG. CO.)

MANUFACTURERS OF

STEEL, CHILLED AND COMBINATION

.. WALKING ..

PLOWS

GANG AND SULKY PLOWS, WHEEL-WALKING PLOWS,
WOOD AND IRON BEAM DOUBLE-SHOVEL PLOWS,
SINGLE-SHOVEL PLOWS, LISTING PLOWS,
VINEYARD PLOWS,
COTTON PLANTERS WITH CORN PLANTER ATTACHMENT,
COTTON AND CORN-STALK CUTTERS,
ROAD SCRAPERS, FIELD AND LAWN ROLLERS,
SULKY RAKES, DISK HARROWS, DISK CULTIVATORS,
Riding, Walking, Spring Tooth and Gopher Cultivators,
HAND CARTS, POTATO DIGGERS, ETC., ETC.

OFFICE:

53 to 63 North Desplaines Street.

49 to 85 and 66 to 80 } WORKS : } 52 to 70 and 55 to 71
Fulton Street. } N. Jefferson St.

CHICAGO, ILLINOIS.

BRANCH HOUSES:

DAVID BRADLEY & Co.,	- -	MINNEAPOLIS, MINN.
DAVID BRADLEY & Co.,	- -	COUNCIL BLUFFS, IA.
BRADLEY, WHEELER & Co.,	- -	KANSAS CITY, MO.
BRADLEY, HOLTON & Co.,	- -	INDIANAPOLIS, IND.

AGENCIES:

KEATING IMPL. & MACHINE Co.,	- -	DALLAS, TEX.
TRUMAN, HOOKER & Co.,	- -	SAN FRANCISCO, CAL.
BUSCH & HANNON,	- -	LOS ANGELES, CAL.
GEO. A. LOWE,	- -	SALT LAKE CITY AND OGDEN, UTAH.
KETCHUM & JOHNSON,	- -	MARSHALLTOWN, IA.
R. M. WADE & Co.,	- -	E. PORTLAND, ORE.

David Bradley Mfg. Co.



CALENDAR 1894.

	Sun.	Mon.	Tues.	Wed.	Thu.	Fri.	Sat.		Sun.	Mon.	Tues.	Wed.	Thu.	Fri.	Sat.
Jan.	7	1	2	3	4	5	6	July.	1	2	3	4	5	6	7
	14	15	16	17	18	19	20		8	9	10	11	12	13	14
	21	22	23	24	25	26	27		15	16	17	18	19	20	21
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Feb.	4	5	6	7	8	9	10	Aug.	5	6	7	8	9	10	11
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Mar.	4	5	6	7	8	9	10	Sept.	2	3	4	5	6	7	8
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Apr.	1	2	3	4	5	6	7	Oct.	...	1	2	3	4	5	6
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May.	6	7	8	9	10	11	12	Nov.	4	5	6	7	8	9	10
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June	3	4	5	6	7	8	9	Dec.	2	3	4	5	6	7	8
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CHICAGO, ILL.



GREETING.

SINCE our greeting of last year, the World's Columbian Exposition and the "Financial Panic of '93" have come. The first named has gone and the other seems to be going. Confidence in business circles is gradually being restored and we hope and trust that the Farmers are finding themselves in such a hopeful and promising condition as to practically make the panic a thing of the past. We believe that trade in our line will be good, and so we are devoting our energies, as usual to the production of our specialties in Plows, Cultivators, Rakes, etc., most of which are thoroughly well known to the Farmers of the United States as well as in other Countries. Our Disk Cultivators both Walking and Riding were extensively sold last year, and every one who has given them a thorough trial is convinced that nothing in their line can approach them in the nicety and effectiveness of their work.

A years' experience in the hands of several thousand users suggested one or two improvements which have been made, as reference to cuts and description of cultivators will show.

The "Garden City Clipper" Plows maintain their position as leaders, especially in regard to correct shape and uniformity of hard temper which are two vital requisites for a good plow. We have given years of study in shop and field to determine the best shapes for mold-boards, and we have as a result a plow, on the mold of which the pressure of the furrow slice is more evenly distributed than any other make, making the wear more uniform and the draft much lighter.

The uniformly hard temper leaves no soft spots for gritty soil to wear away nor to prevent scouring. We get this by a special process of our own devising. Our tempered molds and shares are so extremely hard that they scour where others fall.

We are just as careful and painstaking with all other implements of our manufacture as with plows, so that the highest degree of excellence both in the material used and in working capacity, may be relied upon by farmers who purchase them.

We ask your careful perusal of this nineteenth edition of our Annual with a view to giving you some facts which must certainly be of much importance to you.

DAVID BRADLEY MFG. CO.



THE ORIGINAL "GARDEN CITY CLIPPER" STEEL PLOWS.

Stubble and Stubble and Sod.

This book shows but a few of the styles made by us, but on page 4 is illustrated our **Stubble** or old ground plow. *All* stubble plows, whether classed as "medium landside," "low landside," "wood standard," "Mo. Clipper" or otherwise, have a *moldboard* shaped identically the same, whatever other differences in construction there may be to give them their different names.

On page 6 will be seen cuts of another shape called **Stubble and Sod**, on which the turn of the moldboard is less abrupt, for purposes as there explained. We call especial attention to remarks on pages 4 and 6 concerning "Index" beams, so called, by which is meant that the beams can be moved sideways at the front and rear ends, pivoting on the plow standard. The beam is made fast by a bolt which passes through the rear end of it and through a slotted casting that fastens to the handles.

Our "Garden City Southern Clipper" Plows are shown on page 10, with descriptions. We also make steel Railroad, Double Diamond, Subsoil and Corn Plows.

Although not shown we wish our farmer friends to know that we manufacture a full line of over 200 styles and sizes of plows, suited to every kind and condition of soil. Don't forget what we have said on preceding page concerning the perfection to which we have brought our plows as regards correct shape and uniformity of temper, which are two absolutely indispensable requisites for a perfect plow.

David Bradley Mfg. Co.



CALENDAR 1894.

	Sun.	Mon.	Tues.	Wed.	Thu.	Fri.	Sat.		Sun.	Mon.	Tues.	Wed.	Thu.	Fri.	Sat.
Jan.	...	1	2	3	4	5	6	July.	1	2	3	4	5	6	7
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Feb.	...	4	5	6	7	8	9	Aug.	...	5	6	7	8	9	10
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	18	19	20	21	22	23	24		19	20	21	22	23	24	25
	25	26	27	28	...	...	...		26	27	28	29	30	31	...
Mar.	...	4	5	6	7	8	9	Sept.	...	2	3	4	5	6	7
	11	12	13	14	15	16	17		9	10	11	12	13	14	15
	18	19	20	21	22	23	24		16	17	18	19	20	21	22
	25	26	27	28	29	30	31		23	24	25	26	27	28	29
Apr.	...	1	2	3	4	5	6	Oct.	...	7	8	9	10	11	12
	8	9	10	11	12	13	14		14	15	16	17	18	19	20
	15	16	17	18	19	20	21		21	22	23	24	25	26	27
	22	23	24	25	26	27	28		28	29	30	31	...	...	...
May.	...	...	1	2	3	4	5	Nov.	...	4	5	6	7	8	9
	6	7	8	9	10	11	12		11	12	13	14	15	16	17
	13	14	15	16	17	18	19		18	19	20	21	22	23	24
	20	21	22	23	24	25	26		25	26	27	28	29	30	...
	27	28	29	30	31	...	...		...	...	...	...	...	...	...
June	...	3	4	5	6	7	8	Dec.	...	2	3	4	5	6	7
	10	11	12	13	14	15	16		9	10	11	12	13	14	15
	17	18	19	20	21	22	23		16	17	18	19	20	21	22
	24	25	26	27	28	29	30		23	24	25	26	27	28	29
	...	...	...	...	...	...	...		30	31	...	...	...	...	...

CHICAGO, ILL.



OLD GROUND OR STUBBLE PLOWS.

Slip Shares.—See page 3.



WOOD BEAM.—Sizes, 10 to 18 Inches.

This illustration gives a landside view of our wood beam Stubble Plow, with taper landside, and shows the way we attach handles, which prevents clogging. We make Plows with same shape moldboard (moldboard view shown at bottom of page), but with low landside, etc., (see our remarks on page 3). Although the above cut does not show it, all Nos. 31, 33, 34, 36, 40, 45, 71 and 70 of the Stubble Plows as well as wood beam Stubble and Sod Plows, shown on page 6, will have Index Beams which are adjustable at the rear end, to vary width of furrow; and when so ordered will have straps under beam as shown on page 6. The style of clevises used on the different sizes of plows is given on page 50. We make these plows either right or left hand.



STEEL BEAM.—Sizes, 10 to 18 Inches.

This gives a moldboard view of steel beam Stubble, or Old Ground Plow, which is identical in quality, shape of moldboard and construction, with plow shown above, except the beam, standard and brace-rod. We make them right or left hand. Steel beam plows with this shape mold are made with either the steel tapering landside as shown at top of page, or with low landside or long bar share—not shown in this book. Chilled shares, of the steel slip share pattern, can be furnished for steel plows up to and including 14 inch cut. We do not make chilled shares of the long-bar steel share pattern.



David Bradley Mfg. Co.



CALENDAR 1894.

	Sun.	Mon.	Tues.	Wed.	Thu.	Fri.	Sat.		Sun.	Mon.	Tues.	Wed.	Thu.	Fri.	Sat.
Jan.	7 14 21 28	1 8 15 22 29	2 9 16 23 30	3 10 17 24 31	4 11 18 25	5 12 19 26	6 13 20 27	July.	1 8 15 22 29	2 9 16 23 30	3 10 17 24 31	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28
Feb.	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28	1 8 15	2 9 16 23	3 10 17 24	Aug.	5 12 19 26	6 13 20 27	7 14 21 28	1 8 15 22 29	2 9 16 23 30	3 10 17 24 31	4 11 18 25
Mar.	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28	1 8 15 22 29	2 9 16 23 30	3 10 17 24 31	Sept.	2 9 16 23 30	3 10 17 24	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28	1 8 15 22 29
Apr.	1 8 15 22 29	2 9 16 23 30	3 10 17 24	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28	Oct.	7 14 21 28	1 8 15 22 29	2 9 16 23 30	3 10 17 24 31	4 11 18 25	5 12 19 26	6 13 20 27
May.	6 13 20 27	7 14 21 28	1 8 15 22 29	2 9 16 23 30	3 10 17 24 31	4 11 18 25	5 12 19 26	Nov.	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28	1 8 15 22 29	2 9 16 23 30	3 10 17 24
June	3 10 17 24	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28	1 8 15 22 29	2 9 16 23 30	Dec.	2 9 16 23 30	3 10 17 24 31	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28	1 8 15 22 29

CHICAGO, ILL.



STUBBLE AND SOD PLOWS.

Slip Share, Medium Steel Landside.

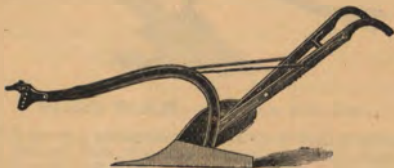


"Y" Series, Index Beam, with Strap Underneath.

Sizes, 9 to 16 Inches.

All wood beam Stubble and Sod Plows of ours are now made with "Index" beam, which can be adjusted sideways at the rear end, to vary the width of furrow ; and we will put a strap under the beam, which will fasten to the standard, as cut shows, on all plows of this series when so ordered. When not ordered, straps will not be sent.

These plows (both wood and steel beam), as the name indicates, are intended to do old ground as well as tame sod plowing. Their moldboards are a medium between the more bold or abrupt stubble plow and the long, slow-turning prairie breaker. They work nicely in old ground, being preferred by some to the regular stubble plow, and turn tame sod, such as blue grass, timothy or clover admirably. They are numbered Y16½, Y17½, Y18½, Y19½, Y20½, Y21 and Y77.



Steel Beam Stubble and Sod Plows.

Sizes, 9 to 18 Inches.

The numbers of the steel beam Stubble and Sod Plows are 516½, 517½, 518½, 519½, 520½, 521, 577 and 583.



David Bradley Mfg. Co.



CALENDAR 1894.

	Sun.	Mon.	Tues.	Wed.	Thu.	Fri.	Sat.		Sun.	Mon.	Tues.	Wed.	Thu.	Fri.	Sat.
Jan.	1 7 14 21 28	2 8 15 22 29	3 9 16 23 30	4 10 17 24 31	5 11 18 25	6 12 19 26	7 13 20 27	July.	1 8 15 22 29	2 9 16 23 30	3 10 17 24 31	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28
Feb.	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28	1 8 15 22	2 9 16 23	3 10 17 24	Aug.	5 12 19 26	6 13 20 27	7 14 21 28	8 15 22 29	9 16 23 30	10 17 24 31	11 18 25
Mar.	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28	1 8 15 22 29	2 9 16 23 30	3 10 17 24 31	Sept.	2 9 16 23 30	3 10 17 24	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28	8 15 22 29
Apr.	1 8 15 22 29	2 9 16 23 30	3 10 17 24	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28	Oct.	7 14 21 28	8 15 22 29	9 16 23 30	10 17 24 31	11 18 25	12 19 26	13 20 27
May.	6 13 20 27	7 14 21 28	8 15 22 29	9 16 23 30	10 17 24 31	11 18 25	12 19 26	Nov.	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28	8 15 22 29	9 16 23 30	10 17 24
June	3 10 17 24	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28	8 15 22 29	9 16 23 30	Dec.	2 9 16 23 30	3 10 17 24 31	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28	8 15 22 29

CHICAGO, ILL.



PRAIRIE BREAKING PLOWS.

Cast Steel Moldboards
and Shares.



COMMON RIGGED PRAIRIE BREAKER.

Sizes, 12 to 20 Inches.

All of our Breakers are now made with *slip share* having the landside part of the share *welded on*, instead of turned down, and are called the "Bradley" to distinguish them from the "Peacemaker," formerly made by us. They have a broad share lying nearly flat, which position improves its cutting qualities. The molds are not as bold as some, and consequently the plows draw much easier. The moldboard is beautifully shaped, and lays the furrow slice perfectly flat, with the least friction possible. It is intended for breaking up original prairie at a depth of two to three inches, for which it is amply strong, the timber being the best quality and the standard thoroughly braced. The cut above shows a breaker "common rigged," as we call it, except an extra share, which always goes with it. With a gauge wheel on and a rolling colter, instead of the one shown, it would be an "extra rigged" Breaker, as shown below.



EXTRA RIGGED PRAIRIE BREAKER.

Sizes, 12 to 16 Inches.

This cut shows our "Bradley" Breaker "extra rigged." The difference between this and the "common rigged," shown at top of page, consists in the addition of a gauge wheel, and substituting a rolling for a standing colter. They are identical with the "common rigged," except as to attachments.



David Bradley Mfg. Co.



CALENDAR 1894.

	Sun.	Mon.	Tues.	Wed.	Thu.	Fri.	Sat.		Sun.	Mon.	Tues.	Wed.	Thu.	Fri.	Sat.
Jan.	...	1	2	3	4	5	6	July.	1	2	3	4	5	6	7
	7	8	9	10	11	12	13		8	9	10	11	12	13	14
	14	15	16	17	18	19	20		15	16	17	18	19	20	21
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Feb.	...	...	...	...	1	2	3	Aug.	...	...	...	1	2	3	4
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Apr.	...	1	2	3	4	5	6	Oct.	...	1	2	3	4	5	6
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CHICAGO, ILL.



"GARDEN CITY SOUTHERN CLIPPER" STEEL PLOWS.



SANDY LAND SERIES.

Hardened Moldboards.

Sizes, 7 to 11 Inches.

The above cut represents the shape and style of our Nos. 79, X80, X82, X84 and X86, Garden City Southern Clippers. They are adapted for plowing and cultivating in all kinds of soil in Texas and Southern States, but more especially for loamy and sandy ground. The moldboards and shares are made of cast-steel. The beams are adjustable. An extra share or point goes with each plow. We make a sandy land series of plows, with steel beam and tapering steel landside, called the V series; sizes 7 to 11 inches, and numbered V75, V85, V95, V105 and V115. We also make what is called the "O" series of sandy land steel plows, which are very popular in the Southern States.



BLACK LAND SERIES.

Hardened Moldboards.

Sizes, 7 to 12 Inches.

This cut represents our Nos. T71, T81, T91, T101 and T121 improved Garden City Southern Clipper. They are especially made and adapted for the black lands of Texas, with sharp cutting angles, and formed in the best possible shape for shedding the dirt. We attach plows of the same shape to our gang and sulky plows, for use in the black lands of Texas and other Southern States. They have cast steel moldboards and shares, and tapering steel landsides. We also make them with steel beams, numbered T75, T85, T95, T105, T115 and T125. An extra share goes with each plow.



David Bradley Mfg. Co.



CALENDAR 1894.

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

CHICAGO, ILL.



NEW STYLE "BRADLEY" CHILLED PLOW.



We bring to your notice here our new style "Bradley" Chilled Plow. Its shape is one which has become very popular throughout the country, and embodies all the desirable features which conduce to light draft and perfect work, including the complete pulverization of the soil, ease and rapidity with which it can be adjusted, and the perfection of hardness to which its wearing parts have been brought.

We will repeat here what we have heretofore said about steel plows, which is, that two things are absolutely necessary to make a good plow, viz.: correct shape and extreme hardness of the wearing parts. However well shaped a plow may be, it must also be *chilled hard* or it *will not shed the dirt* in sticky soils, nor will it scour, if ever so hard tempered, unless it is properly shaped.

As to shape we have had an experience of over half a century in manufacturing steel plows, during which time we have made many experimental and practical tests to prove which are the very best models for light draft and good scouring qualities. The result of these trials was the adoption of our present shape for moldboards. That our experiments and tests were not in vain is shown by the fact that our plows stand to-day in advance of all others, in their scouring qualities, perfect temper, and ease of draft.

In this Chilled Plow the two great essentials of correct shape and extreme hardness of the wearing parts, are most effectually combined, and satisfactory service can be relied upon by those who purchase them.

The share and shin—the parts which receive the brunt of the wear—are in one piece, so that the renewing of one renews the other.

The material from which they are cast consists of such brands of iron as will produce, when used in correct proportions, a mixture susceptible of being chilled to the very extreme of hardness, at the same time retaining uncommon toughness and strength. Points made of this material will stand double the wear and strain that common "pot-metal" points will endure. The beams are of first-class material, nicely finished and covered with two coats of good paint and one of varnish.

We make different styles and a great variety of sizes, all of which are given in our chilled plow Price List.



David Bradley Mfg. Co.



CALENDAR 1894.

	Sun.	Mon.	Tues.	Wed.	Thu.	Fri.	Sat.		Sun.	Mon.	Tues.	Wed.	Thu.	Fri.	Sat.
Jan.	...	1	2	3	4	5	6	July.	1	2	3	4	5	6	7
	7	8	9	10	11	12	13		8	9	10	11	12	13	14
	14	15	16	17	18	19	20		15	16	17	18	19	20	21
	21	22	23	24	25	26	27		22	23	24	25	26	27	28
	28	29	30	31	...	...	...		29	30	31	...	...	...	...
Feb.	...	...	...	...	1	2	3	Aug.	...	...	...	1	2	3	4
	4	5	6	7	8	9	10		5	6	7	8	9	10	11
	11	12	13	14	15	16	17		12	13	14	15	16	17	18
	18	19	20	21	22	23	24		19	20	21	22	23	24	25
	25	26	27	28	...	...	...		26	27	28	29	30	31	...
Mar.	...	...	...	...	1	2	3	Sept.	...	...	...	...	...	...	...
	4	5	6	7	8	9	10		2	3	4	5	6	7	8
	11	12	13	14	15	16	17		9	10	11	12	13	14	15
	18	19	20	21	22	23	24		16	17	18	19	20	21	22
	25	26	27	28	29	30	31		23	24	25	26	27	28	29
Apr.	...	...	...	...	...	...	...	Oct.	...	...	...	...	...	...	...
	1	2	3	4	5	6	7		...	1	2	3	4	5	6
	8	9	10	11	12	13	14		7	8	9	10	11	12	13
	15	16	17	18	19	20	21		14	15	16	17	18	19	20
	22	23	24	25	26	27	28		21	22	23	24	25	26	27
	29	30	...	...	...	...	...		28	29	30	31	...	...	...
May.	...	...	...	...	...	...	...	Nov.	...	...	...	...	...	...	...
	...	...	1	2	3	4	5		...	...	...	...	1	2	3
	6	7	8	9	10	11	12		4	5	6	7	8	9	10
	13	14	15	16	17	18	19		11	12	13	14	15	16	17
	20	21	22	23	24	25	26		18	19	20	21	22	23	24
	27	28	29	30	31	...	...		25	26	27	28	29	30	...
June	...	...	...	...	...	1	2	Dec.	...	...	...	...	...	...	...
	...	...	...	...	...	...	...		...	...	...	...	...	...	...
	3	4	5	6	7	8	9		2	3	4	5	6	7	8
	10	11	12	13	14	15	16		9	10	11	12	13	14	15
	17	18	19	20	21	22	23		16	17	18	19	20	21	22
	24	25	26	27	28	29	30		23	24	25	26	27	28	29
	...	...	...	...	...	...	...		30	31	...	...	...	...	...

CHICAGO, ILL.



"SQUARE CORNER JR." SULKY PLOW.



BRIGHTER and brighter grows its record as years roll on. We have demonstrated most conclusively, over and over and over again that there is no other sulky plow made which does not draw from 75 to 100 lbs. heavier. That much extra pull on a team all day long, and day after day is sufficient of itself to settle the question of choice in any farmer's mind ; but when you add to this the reputation which the "Garden ('ity Clipper" has for uniform temper, perfect shape and best work, then the choice is made doubly decisive. It is the lightest draft *because* the frame is, in a sense, independent of the plow, that is to say, our patents cover devices whereby the frame and wheels can drop several inches while plowing, and rise to position again without, in any way, affecting the running of the plow bottom and beam. It is the *only* Sulky having this feature, and the only one in which the weight of the frame is not carried by the plow when any of the wheels sink into a depression or hollow. Ours is, therefore, far superior for plowing corn land or other uneven surfaces, when adjusted for that purpose, as the plow bottom runs level while the wheels are going over corn ridges. It is adapted for, and does most excellent work in, either the light sandy or the black "waxy" lands of Texas and other Southern States, or in the adobe lands of the Pacific Coast, by putting on such bottoms as we furnish for use in those various localities.

It is now made with staggered furrow wheel, and with an adjustable furrow axle, which can be set to make the furrow wheel track close to land at all times, whether using a 12, 14 or 16-inch bottom.

It is manufactured almost entirely of steel ; so we are able to make it light, and at the same time very strong. It works as well without a pole as with, many farmers preferring to leave it off. When pole is wanted it can be rigidly attached, or, left flexible. In either case it does not press upon the horses' necks. The caster wheel is attached directly behind the beam. It does not have to be locked to keep the plow steady, as there is no side draft to it.



"Square Corner Jr." Sulky Plow—Continued.

Forcing a plow into the ground by means of a main lever, beyond the depth it would naturally run, results in increased friction on the *bottom of the plow*, and consequently *increases the draft*. The Square Corner Jr. Sulky is so constructed that the plow *cannot be forced* into the ground by levers. We give it plenty of *suction* and then *carry* the plow on the *wheels* after it has reached the required depth.

David Bradley Mfg. Co.



CALENDAR 1894.

	Sun.	Mon.	Tues.	Wed.	Thu.	Fri.	Sat.		Sun.	Mon.	Tues.	Wed.	Thu.	Fri.	Sat.
Jan.	7	1	2	3	4	5	6	July.	1	2	3	4	5	6	7
	14	15	16	17	18	19	20		8	9	10	11	12	13	14
	21	22	23	24	25	26	27		15	16	17	18	19	20	21
	28	29	30	31	...	...	...		22	23	24	25	26	27	28
	...	...	...	...	...	...	...		29	30	31	...	...	...	...
Feb.	4	5	6	7	8	9	10	Aug.	5	6	7	8	9	10	11
	11	12	13	14	15	16	17		12	13	14	15	16	17	18
	18	19	20	21	22	23	24		19	20	21	22	23	24	25
	25	26	27	28	...	...	...		26	27	28	29	30	31	...
	...	...	...	...	...	...	...		...	...	...	...	...	...	...
Mar.	4	5	6	7	8	9	10	Sept.	2	3	4	5	6	7	8
	11	12	13	14	15	16	17		9	10	11	12	13	14	15
	18	19	20	21	22	23	24		16	17	18	19	20	21	22
	25	26	27	28	29	30	31		23	24	25	26	27	28	29
	...	...	...	...	...	...	...		30	...	...	...	...	...	...
Apr.	1	2	3	4	5	6	7	Oct.	7	8	9	10	11	12	13
	8	9	10	11	12	13	14		14	15	16	17	18	19	20
	15	16	17	18	19	20	21		21	22	23	24	25	26	27
	22	23	24	25	26	27	28		28	29	30	31	...	...	...
	29	30	...	...	...	...	...		...	...	...	...	...	...	...
May.	6	7	8	9	10	11	12	Nov.	4	5	6	7	8	9	10
	13	14	15	16	17	18	19		11	12	13	14	15	16	17
	20	21	22	23	24	25	26		18	19	20	21	22	23	24
	27	28	29	30	31	...	...		25	26	27	28	29	30	...
	...	...	...	...	...	...	...		...	...	...	...	...	...	...
June	3	4	5	6	7	8	9	Dec.	2	3	4	5	6	7	8
	10	11	12	13	14	15	16		9	10	11	12	13	14	15
	17	18	19	20	21	22	23		16	17	18	19	20	21	22
	24	25	26	27	28	29	30		23	24	25	26	27	28	29
	...	...	...	...	...	...	...		30	31	...	...	...	...	...

CHICAGO, ILL.



WHEEL WALKING PLOWS.

(See cuts on page 18.)

Of these we make the "Perfection" Single furrow Plow, and the "Bradley" Two, Three and Four-Furrow Gangs.

In the fall of 1888 we strengthened the axles and wheels, and set the land wheel further back on the frame, out of the way when turning a square corner with the plow in the ground. The main lever was strengthened, and the lever-rack changed so that a movement of one notch does not vary the depth of furrow to exceed one-fourth inch. The front ends of the beams of the three and four-furrow gangs were lowered by curving them downward, near the end, which gives a lower hitch, and makes the draft lighter. These improvements were most thoroughly tested, and fully sustained our expectations.

A Riding Attachment can be added when wanted, to the one and two-furrow plows but not to the others.

The Device for Leveling is entirely new, and far superior to the usual method as it enables us to level the plow perfectly at a depth of ten inches, the land wheel being operated independently of the furrow wheel. Other wheel walking plows cannot do this. Our plows are made almost wholly of steel. Being lighter, therefore, in proportion to their strength than other plows, and having moldboards correctly shaped for shedding the dirt, they are the lightest draft plows known.

A Changeable Clevis of new design, for use on three and four-furrow gangs, is used to give the plows more or less "land" when plowing on side hill.

POINTS OF SUPERIORITY.

- 1st. They have larger wheels than any other Plows, consequently the beams are higher, giving greater clearing capacity. This has been found to be one of our greatest advantages as our plows do not choke up when plowing foul ground.
- 2d. They are made of first-class material, which secures strength and lightness.
- 3d. Not liable to get out of repair, when properly handled.
- 4th. Light draft, because the moldboards and shares are correctly shaped and uniformly hard tempered.
- 5th. The bottoms are the celebrated "Garden City Clipper" shapes which have stood for half a century at the head of all makes, as regards shape and perfect temper.

Users and dealers will find them the Best Made and Lightest Draft Plows in the market.

To those who prefer the regular Riding Sulky to the Wheel Walker with seat attachment, we desire to say, we shall continue the manufacture of the "Square Corner Jr."



David Bradley Mfg. Co.



CALENDAR 1894.

	Sun.	Mon.	Tues.	Wed.	Thu.	Fri.	Sat.		Sun.	Mon.	Tues.	Wed.	Thu.	Fri.	Sat.
Jan.	7 14 21 28	1 8 15 22 29	2 9 16 23 30	3 10 17 24 31	4 11 18 25 ...	5 12 19 26 ...	6 13 20 27 ...	July.	1 8 15 22 29	2 9 16 23 30	3 10 17 24 31	4 11 18 25 ...	5 12 19 26 ...	6 13 20 27 ...	7 14 21 28 ...
Feb.	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28	1 8 15 22	2 9 16 23	3 10 17 24	Aug.	5 12 19 26	6 13 20 27	7 14 21 28	8 15 22 29	9 16 23 30	10 17 24 31	11 18 25 ...
Mar.	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28	1 8 15 22 29	2 9 16 23 30	3 10 17 24 31	Sept.	2 9 16 23 30	3 10 17 24	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28	8 15 22 29 ...
Apr.	1 8 15 22 29	2 9 16 23 30	3 10 17 24 ...	4 11 18 25 ...	5 12 19 26 ...	6 13 20 27 ...	7 14 21 28 ...	Oct.	7 14 21 28	8 15 22 29	9 16 23 30	10 17 24 31	11 18 25 ...	12 19 26 ...	13 20 27 ...
May.	6 13 20 27	7 14 21 28	1 8 15 22 29	2 9 16 23 30	3 10 17 24 31	4 11 18 25 ...	5 12 19 26 ...	Nov.	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28	8 15 22 29	9 16 23 30	10 17 24 ...
June	3 10 17 24	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28	1 8 15 22 29	2 9 16 23 30	Dec.	2 9 16 23 30	3 10 17 24 31	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28	8 15 22 29 ...

CHICAGO, ILL.



Wheel Walking Plows.

(See description on page 16.)

"PERFECTION"

Improved Single-Furrow
Wheel Walking Plow.



Castor wheel and seat can be put on this when wanted.
10, 12, 14 or 16 inch bottoms used.

"BRADLEY" Two-Furrow

Walking
Gang.



See page 16 for description. Seat can be attached to
this when desired. 10, 12 or 14 inch bottoms used.

"BRADLEY" Four-Furrow

Walking
Gang.



This can be changed to a three-furrow plow by taking
off one beam and bottom and putting the castor wheel on
next beam. No seat on this. 10 inch bottoms only used.



David Bradley Mfg. Co.



CALENDAR 1894.

	Sun.	Mon.	Tues.	Wed.	Thu.	Fri.	Sat.		Sun.	Mon.	Tues.	Wed.	Thu.	Fri.	Sat.
Jan.	...	1	2	3	4	5	6	July.	1	2	3	4	5	6	7
	7	8	9	10	11	12	13		8	9	10	11	12	13	14
	14	15	16	17	18	19	20		15	16	17	18	19	20	21
	21	22	23	24	25	26	27		22	23	24	25	26	27	28
Feb.	28	29	30	31	...	...	...	Aug.	29	30	31	...	...	...	...
	...	...	...	...	1	2	3		...	...	...	1	2	3	4
	4	5	6	7	8	9	10		5	6	7	8	9	10	11
	11	12	13	14	15	16	17		12	13	14	15	16	17	18
Mar.	18	19	20	21	22	23	24	Sept.	19	20	21	22	23	24	25
	25	26	27	28	...	...	...		26	27	28	29	30	31	...
	...	...	...	...	1	2	3		...	...	...	...	...	...	1
	4	5	6	7	8	9	10		2	3	4	5	6	7	8
Apr.	11	12	13	14	15	16	17	Oct.	9	10	11	12	13	14	15
	18	19	20	21	22	23	24		16	17	18	19	20	21	22
	25	26	27	28	29	30	31		23	24	25	26	27	28	29
	...	...	...	...	...	...	...		30	...	...	...	...	...	...
May.	...	...	...	...	...	...	...	Nov.	...	1	2	3	4	5	6
	1	2	3	4	5	6	7		7	8	9	10	11	12	13
	8	9	10	11	12	13	14		14	15	16	17	18	19	20
	15	16	17	18	19	20	21		21	22	23	24	25	26	27
June	22	23	24	25	26	27	28	Dec.	28	29	30	31	...	...	...
	29	30	...	...	...	...	...		...	...	...	...	...	...	...
	...	...	1	2	3	4	5		...	...	...	...	1	2	3
	6	7	8	9	10	11	12		4	5	6	7	8	9	10
July	13	14	15	16	17	18	19	Aug.	11	12	13	14	15	16	17
	20	21	22	23	24	25	26		18	19	20	21	22	23	24
	27	28	29	30	31	...	...		25	26	27	28	29	30	...
	...	...	...	...	...	...	...		...	...	...	...	...	...	1
Aug.	...	...	...	...	...	1	2	Sept.	2	3	4	5	6	7	8
	...	...	...	...	...	2	3		9	10	11	12	13	14	15
	...	...	...	...	...	3	4		16	17	18	19	20	21	22
	...	...	...	...	...	4	5		23	24	25	26	27	28	29
Sept.	...	...	...	...	...	...	...	Oct.	...	...	...	...	...	...	...
	...	...	...	...	...	...	...		...	...	...	...	...	...	...
	...	...	...	...	...	...	...		...	...	...	...	...	...	...
	...	...	...	...	...	...	...		...	...	...	...	...	...	...
Oct.	...	...	...	...	...	...	...	Nov.	...	...	...	...	...	...	...
	...	...	...	...	...	...	...		...	...	...	...	...	...	...
	...	...	...	...	...	...	...		...	...	...	...	...	...	...
	...	...	...	...	...	...	...		...	...	...	...	...	...	...
Nov.	...	...	...	...	...	...	...	Dec.	...	...	...	...	...	...	...
	...	...	...	...	...	...	...		...	...	...	...	...	...	...
	...	...	...	...	...	...	...		...	...	...	...	...	...	...
	...	...	...	...	...	...	...		...	...	...	...	...	...	...
Dec.	...	...	...	...	...	...	...	Jan.	...	...	...	...	...	...	...
	...	...	...	...	...	...	...		...	...	...	...	...	...	...
	...	...	...	...	...	...	...		...	...	...	...	...	...	...
	...	...	...	...	...	...	...		...	...	...	...	...	...	...

CHICAGO, ILL.



"BRADLEY" LISTING PLOW.

The implements made by us in this line are a Steel Beam Single Lister, and a Combined Lister and Drill. The Drill part of this last named Implement can be detached and put with a shoe, frame and handles shown on page 22, to make a One-Horse Drill, but cannot be put on the Single Lister first named, as the handles of that plow are not ironed in a way to connect the raising lever of the Drill.

Our Dropping Device consists of a plate which is driven at varying speed to secure the dropping of seed at different distances apart. Three sizes of chain-wheels go with each Combined Lister and Drill. The largest one drives the plate to drop at 12 inches apart; the other sizes at 15 and 18 inches respectively. Chain enough for use with largest wheel is sent; when using the smaller ones remove one link or two, as needed. We send with each Drill one plate for large and one for small corn.

The corn passes outside the hopper where the operator can see it before and at the time of dropping.

Our Force Drop renders it impossible for any "skip" to occur, from corn sticking in the dropper plates.

It will not break the seed. Our cut-off is so constructed as to entirely prevent the breaking of the seed, and secures a uniformity of dropping which has never been reached before.

The Drive Wheel can be locked up at the end of a row, when the operator desires to stop planting, by throwing back the lock-lever which is attached to a brace running between the handles and on top of the upper round; or, if the handles are pressed down sufficiently, the lock-lever will be thrown back of itself, and when the handles raise to their regular position the drive wheel will raise with them and the planting will stop. The drive wheel is now made with a removable rim. When rim is attached it makes a flat faced wheel which is adapted for use when the ground is dry, or in sandy soil; when removed it leaves a toothed or sprocket wheel, suitable for use when the ground is wet and sticky. In such soil the dirt would be likely to stick to a flat-faced wheel.

The Subsoiler is adjustable up or down, for deep or shallow planting. It is impossible for any dirt to get in at the top of the spout.

Another very important feature is the tempered steel moldboard, the peculiar shape of which insures light draft, fine scouring qualities, and perfect turning and pulverization of soil.



David Bradley Mfg. Co.



CALENDAR 1894.

	Sun.	Mon.	Tues.	Wed.	Thu.	Fri.	Sat.		Sun.	Mon.	Tues.	Wed.	Thu.	Fri.	Sat.
Jan.	...	1	2	3	4	5	6	July.	1	2	3	4	5	6	7
	7	8	9	10	11	12	13		8	9	10	11	12	13	14
	14	15	16	17	18	19	20		15	16	17	18	19	20	21
	21	22	23	24	25	26	27		22	23	24	25	26	27	28
	28	29	30	31	...	...	...		29	30	31	...	...	...	...
Feb.	...	4	5	6	7	8	9	Aug.	...	5	6	7	8	9	10
	11	12	13	14	15	16	17		12	13	14	15	16	17	18
	18	19	20	21	22	23	24		19	20	21	22	23	24	25
	25	26	27	28	...	...	...		26	27	28	29	30	31	...
Mar.	...	4	5	6	7	8	9	Sept.	...	2	3	4	5	6	7
	11	12	13	14	15	16	17		9	10	11	12	13	14	15
	18	19	20	21	22	23	24		16	17	18	19	20	21	22
	25	26	27	28	29	30	31		23	24	25	26	27	28	29
Apr.	...	1	2	3	4	5	6	Oct.	...	7	8	9	10	11	12
	8	9	10	11	12	13	14		14	15	16	17	18	19	20
	15	16	17	18	19	20	21		21	22	23	24	25	26	27
	22	23	24	25	26	27	28		28	29	30	31	...	...	...
May.	...	...	1	2	3	4	5	Nov.	...	4	5	6	7	8	9
	6	7	8	9	10	11	12		11	12	13	14	15	16	17
	13	14	15	16	17	18	19		18	19	20	21	22	23	24
	20	21	22	23	24	25	26		25	26	27	28	29	30	...
	27	28	29	30	31	...	...		...	...	...	...	...	...	...
June	...	3	4	5	6	7	8	Dec.	...	2	3	4	5	6	7
	10	11	12	13	14	15	16		9	10	11	12	13	14	15
	17	18	19	20	21	22	23		16	17	18	19	20	21	22
	24	25	26	27	28	29	30		23	24	25	26	27	28	29
	...	...	...	...	...	...	...		30	31	...	...	...	...	...

CHICAGO, ILL.



LISTING PLOWS.

(See page 20 for full description.)

STEEL BEAM SINGLE LISTER,

With Subsoil Attachment.



COMBINED LISTER.

With Drill Attachment.



The drill part of this combined machine can be detached and put with the parts below to make a One-horse Drill.



PARTS REQUIRED to make a One-horse Drill with the Drill Attachment to COMBINED LISTER.



David Bradley Mfg. Co.



CALENDAR 1894.

	Sun.	Mon.	Tues.	Wed.	Thu.	Fri.	Sat.		Sun.	Mon.	Tues.	Wed.	Thu.	Fri.	Sat.
Jan.	...	1	2	3	4	5	6	July.	1	2	3	4	5	6	7
	7	8	9	10	11	12	13		8	9	10	11	12	13	14
	14	15	16	17	18	19	20		15	16	17	18	19	20	21
	21	22	23	24	25	26	27		22	23	24	25	26	27	28
	28	29	30	31	...	...	...		29	30	31	...	...	...	...
Feb.	...	...	...	...	1	2	3	Aug.	...	...	...	1	2	3	4
	4	5	6	7	8	9	10		5	6	7	8	9	10	11
	11	12	13	14	15	16	17		12	13	14	15	16	17	18
	18	19	20	21	22	23	24		19	20	21	22	23	24	25
	25	26	27	28	...	...	...		26	27	28	29	30	31	...
Mar.	...	...	...	...	1	2	3	Sept.	...	...	...	...	...	...	...
	4	5	6	7	8	9	10		2	3	4	5	6	7	8
	11	12	13	14	15	16	17		9	10	11	12	13	14	15
	18	19	20	21	22	23	24		16	17	18	19	20	21	22
	25	26	27	28	29	30	31		23	24	25	26	27	28	29
	...	...	...	...	...	...	...		30	...	...	...	...	...	...
Apr.	...	...	...	...	...	...	...	Oct.	...	...	...	...	...	...	...
	1	2	3	4	5	6	7		...	1	2	3	4	5	6
	8	9	10	11	12	13	14		7	8	9	10	11	12	13
	15	16	17	18	19	20	21		14	15	16	17	18	19	20
	22	23	24	25	26	27	28		21	22	23	24	25	26	27
	29	30	...	...	...	...	...		28	29	30	31	...	...	...
May.	...	...	...	...	...	...	...	Nov.	...	...	...	...	...	...	...
	...	...	1	2	3	4	5		...	...	...	...	1	2	3
	6	7	8	9	10	11	12		4	5	6	7	8	9	10
	13	14	15	16	17	18	19		11	12	13	14	15	16	17
	20	21	22	23	24	25	26		18	19	20	21	22	23	24
	27	28	29	30	31	...	...		25	26	27	28	29	30	...
June	...	...	...	...	...	...	...	Dec.	...	...	...	...	...	...	...
	...	...	...	...	...	1	2		...	...	...	...	...	...	...
	3	4	5	6	7	8	9		2	3	4	5	6	7	8
	10	11	12	13	14	15	16		9	10	11	12	13	14	15
	17	18	19	20	21	22	23		16	17	18	19	20	21	22
	24	25	26	27	28	29	30		23	24	25	26	27	28	29
	...	...	...	...	...	...	...		30	31	...	...	...	...	...

CHICAGO, ILL.



“BRADLEY” DISK CULTIVATORS.

(See cuts on pages 26 and 27.)

Since these Implements were brought to your attention a year ago, we have had the pleasure of doing a business in them which far exceeded our expectations, and the great satisfaction expressed by those who have purchased them is still another source of pleasure to us. We attribute our success with these Cultivators, which has been phenomenal, almost entirely to the one feature of the movability of the inner disks. When inner disks are stationary they will throw too much dirt to permit of plowing close to small corn, but when they can be set so nearly straight with the line of draft as to kill the weeds and *loosen* the dirt without throwing it either way, you can cultivate close up to the plant without covering it, thus cultivating the entire surface between the rows. These inner disks are also adjustable up and down, so as to be made to run shallow close to the stalks and thus not injure the corn roots, while the other disks can be set to run deeper.

Other features which commend them at once are: *no shovels to break* nor to fail to scour; no springs to adjust; no gangs to lift; will work in ground so wet that shovels cannot be used. When one sees the work they do they cannot possibly say anything else than that they are sure to take the place of other cultivators.

For Listed Corn we have an *Attachment* which holds the gangs in proper position for first cultivation as shown on page 27; which cut also shows the “inner” disks—so called—attached to run on the outside of the ridges to steady the cultivator. At all other times these inner disks are in their usual place, next to the corn plant.

A *Barring-Off Attachment* is furnished when wanted. In the Southern States and in some others “barring-off,” as it is called, the first time through is the method followed. For this purpose we have added an improvement for the coming season which was thoroughly tested last year and found to work perfectly.

Farmers,—please do not conclude that our cultivator will not work to suit you *because* some other one did not. An *adjustable disk* next to the corn is a comparatively late idea and makes all the difference imaginable—in fact it is THE principal improvement which overcomes the objections to Disk Cultivators as heretofore made.

You may think it a small change, and of little importance but just try one of ours and see.

David Bradley Mfg. Co.



CALENDAR 1894.

	Sun.	Mon.	Tues.	Wed.	Thu.	Fri.	Sat.		Sun.	Mon.	Tues.	Wed.	Thu.	Fri.	Sat.
Jan.	7 14 21 28	1 8 15 22 29	2 9 16 23 30	3 10 17 24 31	4 11 18 25	5 12 19 26	6 13 20 27	July.	1 8 15 22 29	2 9 16 23 30	3 10 17 24 31	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28
Feb.	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28	1 8 15 22	2 9 16 23	3 10 17 24	Aug.	5 12 19 26	6 13 20 27	7 14 21 28	8 15 22 29	9 16 23 30	10 17 24 31	11 18 25
Mar.	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28	1 8 15 22 29	2 9 16 23 30	3 10 17 24 31	Sept.	2 9 16 23 30	3 10 17 24	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28	8 15 22 29
Apr.	1 8 15 22 29	2 9 16 23 30	3 10 17 24	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28	Oct.	7 14 21 28	8 15 22 29	9 16 23 30	10 17 24 31	11 18 25	12 19 26	13 20 27
May.	6 13 20 27	7 14 21 28	8 15 22 29	1 8 15 22 29	2 9 16 23 30	3 10 17 24 31	4 11 18 25	Nov.	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28	8 15 22 29	9 16 23 30	10 17 24
June	3 10 17 24	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28	1 8 15 22 29	2 9 16 23 30	Dec.	2 9 16 23 30	3 10 17 24 31	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28	8 15 22 29

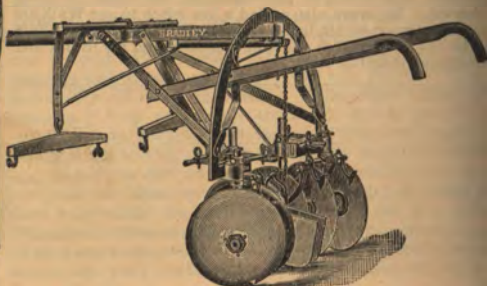
CHICAGO, ILL.



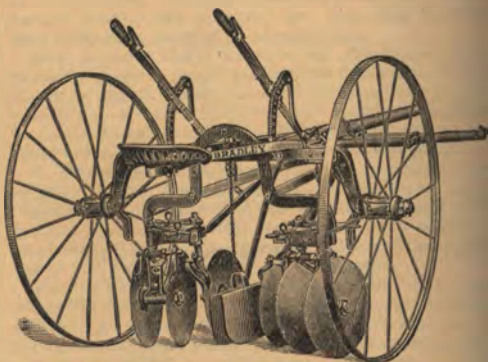
"BRADLEY" DISK CULTIVATORS,

With Adjustable Inner Disks.

(See description on page 24.)



WALKING DISK CULTIVATOR.



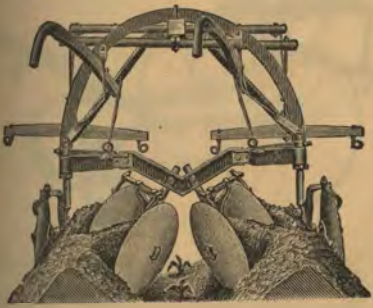
RIDING DISK CULTIVATOR.

An Attachment for listed corn is furnished for either of the above when wanted. (See next page.)



BRADLEY WALKING DISK CULTIVATOR.

With Listed-Corn Attachment.



As used first time through listed-corn.

This Attachment can be put on the Riding Disk Cultivator, also.

MEMORANDA.

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David Bradley Mfg. Co.

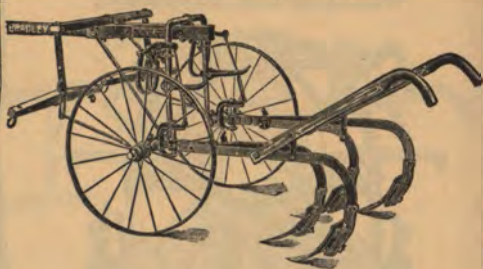


CALENDAR 1894.

	Sun.	Mon.	Tues.	Wed.	Thu.	Fri.	Sat.		Sun.	Mon.	Tues.	Wed.	Thu.	Fri.	Sat.
Jan.	7	1	2	3	4	5	6	July.	1	2	3	4	5	6	7
	14	8	9	10	11	12	13		8	9	10	11	12	13	14
	21	15	16	17	18	19	20		15	16	17	18	19	20	21
	28	22	23	24	25	26	27		22	23	24	25	26	27	28
	29	29	30	31	...	...	...		29	30	31	...	...	...	...
Feb.	4	5	6	7	8	9	10	Aug.	5	6	7	8	9	10	11
	11	12	13	14	15	16	17		12	13	14	15	16	17	18
	18	19	20	21	22	23	24		19	20	21	22	23	24	25
	25	26	27	28	...	...	...		26	27	28	29	30	31	...
Mar.	4	5	6	7	8	9	10	Sept.	2	3	4	5	6	7	8
	11	12	13	14	15	16	17		9	10	11	12	13	14	15
	18	19	20	21	22	23	24		16	17	18	19	20	21	22
	25	26	27	28	29	30	31		23	24	25	26	27	28	29
	29	30	...	...	...	...	...		30	...	...	...	...	...	...
Apr.	1	2	3	4	5	6	7	Oct.	7	8	9	10	11	12	13
	8	9	10	11	12	13	14		14	15	16	17	18	19	20
	15	16	17	18	19	20	21		21	22	23	24	25	26	27
	22	23	24	25	26	27	28		28	29	30	31	...	...	...
	29	30	...	...	...	...	...		...	...	...	...	...	...	...
May.	6	7	8	9	10	11	12	Nov.	4	5	6	7	8	9	10
	13	14	15	16	17	18	19		11	12	13	14	15	16	17
	20	21	22	23	24	25	26		18	19	20	21	22	23	24
	27	28	29	30	31	...	...		25	26	27	28	29	30	...
	...	...	...	...	...	...	...		...	...	...	...	...	...	...
June	3	4	5	6	7	8	9	Dec.	2	3	4	5	6	7	8
	10	11	12	13	14	15	16		9	10	11	12	13	14	15
	17	18	19	20	21	22	23		16	17	18	19	20	21	22
	24	25	26	27	28	29	30		23	24	25	26	27	28	29
	...	...	...	...	...	...	...		30	31	...	...	...	...	...

CHICAGO, ILL.

"BRADLEY" WALKING CULTIVATOR,
Made with Wood or Steel Beam Gangs.



Used for cultivating corn, cotton, potatoes, or anything grown in rows far enough apart to admit of its use. The frame is wrought iron, so thoroughly braced, as to make it very strong ; at the same time it is light. Double pole can be attached to this frame, when wanted, in place of the single pole shown in cut. It has a high arch and long beams, and is the most effective and easily handled shovel cultivator on the market. We furnish wood wheels in place of steel, when wanted.

If preferred, Parallel Beam Gangs, Eagle Claws, or Spring Tooth Gangs can be furnished with this frame, instead of the steel beam gangs shown in cut. Shovel shapes of various kinds can be attached to the gangs, such as moldboard shovels, gopher blades and scrapers, sweeps, etc.

Gangs can be gauged to cultivate to any desired depth. The spring attachment is so constructed that when the shovels are in the ground, the springs have just sufficient lift to bring the gangs back to their proper position after being forced down by hand for cultivating in dead furrows or other low places. When raising the gangs out of the ground the operation is made so easy by the action of the springs that a boy can easily do it. They are much used for cultivating fallow ground, for which purpose a fifth or center shovel is attached. It then cultivates all the surface over which it passes, and is well adapted for putting in small grain, giving the soil a more vigorous stirring than a harrow. The four shovels shown in cut constitute the "regular" outfit. When others are wanted they are extra.

The blocks on the shovels are steel, fastened with bolts, so they can be taken off if necessary.

This Cultivator is now made with malleable shovel shank sleeves held in position by *wood break pins*; can also furnish *spring-break attachment* if preferred.

Material used is the very best quality and finished in excellent style.



David Bradley Mfg. Co.



CALENDAR 1894.

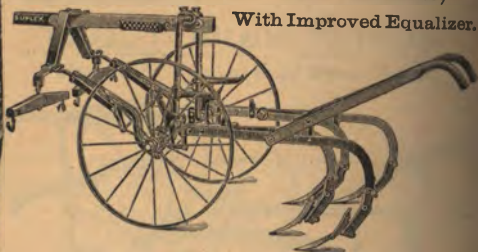
	Sun.	Mon.	Tues.	Wed.	Thu.	Fri.	Sat.		Sun.	Mon.	Tues.	Wed.	Thu.	Fri.	Sat.
Jan.	7	8	9	10	11	12	13	July.	1	2	3	4	5	6	7
	14	15	16	17	18	19	20		8	9	10	11	12	13	14
	21	22	23	24	25	26	27		15	16	17	18	19	20	21
	28	29	30	31	...	...	...		22	23	24	25	26	27	28
	...	...	...	...	...	...	...		29	30	31	...	...	...	...
Feb.	4	5	6	7	8	9	10	Aug.	5	6	7	8	9	10	11
	11	12	13	14	15	16	17		12	13	14	15	16	17	18
	18	19	20	21	22	23	24		19	20	21	22	23	24	25
	25	26	27	28	...	...	...		26	27	28	29	30	31	...
Mar.	4	5	6	7	8	9	10	Sept.	2	3	4	5	6	7	8
	11	12	13	14	15	16	17		9	10	11	12	13	14	15
	18	19	20	21	22	23	24		16	17	18	19	20	21	22
	25	26	27	28	29	30	31		23	24	25	26	27	28	29
	...	...	...	...	...	...	...		30	...	...	...	...	...	...
Apr.	1	2	3	4	5	6	7	Oct.	7	8	9	10	11	12	13
	8	9	10	11	12	13	14		14	15	16	17	18	19	20
	15	16	17	18	19	20	21		21	22	23	24	25	26	27
	22	23	24	25	26	27	28		28	29	30	31	...	...	...
	29	30	...	...	...	...	...		...	...	...	...	...	...	...
May.	6	7	8	9	10	11	12	Nov.	4	5	6	7	8	9	10
	13	14	15	16	17	18	19		11	12	13	14	15	16	17
	20	21	22	23	24	25	26		18	19	20	21	22	23	24
	27	28	29	30	31	...	...		25	26	27	28	29	30	...
	...	...	...	...	...	...	...		...	...	...	...	...	...	...
June	3	4	5	6	7	8	9	Dec.	2	3	4	5	6	7	8
	10	11	12	13	14	15	16		9	10	11	12	13	14	15
	17	18	19	20	21	22	23		16	17	18	19	20	21	22
	24	25	26	27	28	29	30		23	24	25	26	27	28	29
	...	...	...	...	...	...	...		30	31	...	...	...	...	...

CHICAGO, ILL.



"DUPLEX" Adjustable-Arch Cultivator,

With Improved Equalizer.



Either Wood or Steel Wheels Furnished.

One of the prominent features of this cultivator is the double adjustability of the arch, it being an *expansion* arch, by which the distance between gangs can be varied, and has in addition a forward and backward play of each section or half of the arch, which obliges each horse to do his share of the work. It overcomes the objection frequently urged against stiff arch cultivators, that when one horse gets ahead of the other it causes the pole to sway towards and crowd the other horse. The Duplex has the Improved "Bradley" Springs, which are conceded to be the best in the market. Our new adaptation of them to the Duplex is shown in cut. They have a compressible coil spring, operating from both ends. An improved sloping equalizer has been adopted which brings the whiffletrees more in line of draft, so there is no downward pull on the pole, nor pressure on the horses' necks. Improved malleable looped shovel shank sleeves are used, which have an adjustment at the top, for varying the set of the shovels. They have wooden break-pins. The shovels can be set to throw the dirt to or from the corn. We furnish either Steel beam or Parallel Beam Gangs, also Eagle Claws, either wood or iron beam, having four small shovels on each beam. On Parallel Beam Gangs the shovel-shanks of each gang can be set some $2\frac{1}{2}$ inches nearer together, by putting the shanks *through* the openings in cross-head, instead of bolting them to the outside. This brings the shovels closer, so that smaller shovels can be used for surface cultivation, if preferred. The Duplex has the same coupling as is used on the Bradley, which provides for raising or lowering the front end of all beams except the parallel, and which has a side adjustment of several inches. A bulkhead is attached to the front of the coupling-jaw, by which the hitch can be so applied as to cause the shovels to run deep or shallow. In addition to the regular outfit of shovels, we furnish moldboard shovels, bull tongues, sweeps, etc., when wanted.

We make a style of gang, when so ordered, with extra long front shovel standards, adjustable up and down. This adjustment is especially adapted for the cultivation of listed corn, cotton, etc.



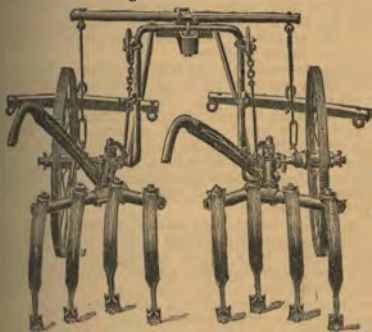
BRADLEY SPRING TOOTH CULTIVATOR,

With Gas Pipe
Beams.



Surface Cultivation has grown in favor of late years, until many farmers prefer it. The increasing use of Spring Tooth Cultivators, Disk Cultivators, Gopher Cultivators, Eagle Claws, etc., proves this very conclusively.

Always ready to cater to the wants of the farming community, we have now the pleasure of saying that we are making a Spring Tooth Cultivator superior to any yet produced in the fewness of parts necessary to make the required changes, and in the ease and quickness with which these changes can be made.



Great variety of Adjustment.—The front ends of the beams can be rotated in the couplings into which they fit, by doing which the teeth nearest the plant can be raised higher than the outer ones, or, *vice versa*. The gas-pipe cross-head to which the teeth fasten is made in two sections—the rear or longer section carrying three teeth while the front or short one has but one. The short section can be detached from either cross-head and transferred to the other, at right angles with the long section, so that the tooth which it carries is set further back, (see cut) and in a position to incline some of the dirt toward the corn.

David Bradley Mfg. Co.



CALENDAR 1894.

	Sun.	Mon.	Tues.	Wed.	Thu.	Fri.	Sat.		Sun.	Mon.	Tues.	Wed.	Thu.	Fri.	Sat.
Jan.	7	8	9	10	11	12	13	July.	1	2	3	4	5	6	7
	14	15	16	17	18	19	20		8	9	10	11	12	13	14
	21	22	23	24	25	26	27		15	16	17	18	19	20	21
	28	29	30	31	...	...	...		22	23	24	25	26	27	28
	...	...	...	...	1	2	3		29	30	31	...	...	...	...
Feb.	4	5	6	7	8	9	10	Aug.	...	...	...	1	2	3	4
	11	12	13	14	15	16	17		5	6	7	8	9	10	11
	18	19	20	21	22	23	24		12	13	14	15	16	17	18
	25	26	27	28	...	...	...		19	20	21	22	23	24	25
	...	...	...	...	1	2	3		26	27	28	29	30	31	...
Mar.	4	5	6	7	8	9	10	Sept.	...	...	...	...	...	...	1
	11	12	13	14	15	16	17		2	3	4	5	6	7	8
	18	19	20	21	22	23	24		9	10	11	12	13	14	15
	25	26	27	28	29	30	31		16	17	18	19	20	21	22
	...	...	...	...	...	...	...		23	24	25	26	27	28	29
	...	...	...	...	...	...	...		30	...	...	...	...	...	...
Apr.	1	2	3	4	5	6	7	Oct.	...	1	2	3	4	5	6
	8	9	10	11	12	13	14		7	8	9	10	11	12	13
	15	16	17	18	19	20	21		14	15	16	17	18	19	20
	22	23	24	25	26	27	28		21	22	23	24	25	26	27
	29	30	...	...	...	...	...		28	29	30	31	...	...	...
	...	...	...	...	...	...	...		...	...	...	...	...	...	...
May.	6	7	8	9	10	11	12	Nov.	...	...	...	...	1	2	3
	13	14	15	16	17	18	19		4	5	6	7	8	9	10
	20	21	22	23	24	25	26		11	12	13	14	15	16	17
	27	28	29	30	31	...	...		18	19	20	21	22	23	24
	...	...	...	...	...	...	...		25	26	27	28	29	30	...
	...	...	...	...	...	...	...		...	...	...	...	...	...	...
June	3	4	5	6	7	8	9	Dec.	...	...	...	...	...	...	...
	10	11	12	13	14	15	16		2	3	4	5	6	7	8
	17	18	19	20	21	22	23		9	10	11	12	13	14	15
	24	25	26	27	28	29	30		16	17	18	19	20	21	22
	...	...	...	...	...	...	...		23	24	25	26	27	28	29
	...	...	...	...	...	...	...		30	31	...	...	...	...	...

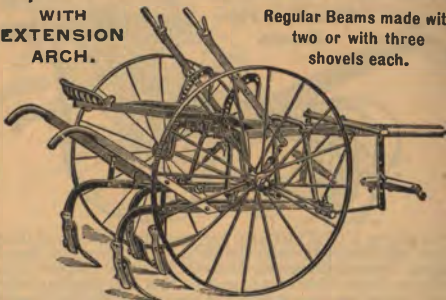
CHICAGO, ILL.



Improved "VULCAN" Combined Cultivator,

WITH
EXTENSION
ARCH.

Regular Beams made with
two or with three
shovels each.



This has long beams which run steadier and handle easier than shorter ones : also keep the shovels nearer at right angles with the rows when the gangs are moved sideways.

The seat is adjustable to suit persons of different weights and lengths of limb, and is supported by a double wrought iron seat raiser, made so the operator can see between the arms to dodge the corn. We furnish gas pipe spring-tooth or parallel beams instead of the regular ones shown in cut when preferred

The frame is made almost wholly of wrought iron with an arch high enough to clear corn without injury as long as it needs cultivating. The frame is braced in such a way as to make it very strong ; at the same time it is light, and, with steel wheels, makes one of the finest looking and most salable implements in the market. It has an extension-arch by which the axles can be set in when it is desired to vary the distance between wheels, to suit different crops. Wood wheels are furnished in place of steel when wanted.

We use wood break-pins and malleable shovel sleeves which have an adjustment for changing the pitch of the shovels. There is a spiral spring in the connections between the levers and the gangs, which helps to raise the gangs, and also permits them to be forced down by the feet into dead furrows and other depressions.

When used as a Walking Cultivator, the whiffletrees are put at lowest point of hitch, to take the weight of pole off the horses' necks. With these adjustments it can be perfectly balanced, so that in turning the pole does not fly up.

It works admirably in cultivating fallow ground, and in putting in small grain, by using a fifth or center shovel. We make special plows for the "Vulcan," having a shovel shank on the inner or short beam of each plow, which is adjustable up and down. These make fine attachments for cultivating listed corn, or any crop grown in trenches or on ridges, as the inner shovels can be raised or lowered to suit the trench or ridge, as the case may be. This device is not shown in cut, as we only furnish them when specially ordered.



David Bradley Mfg. Co.



CALENDAR 1894.

	Sun.	Mon.	Tues.	Wed.	Thu.	Fri.	Sat.		Sun.	Mon.	Tues.	Wed.	Thu.	Fri.	Sat.
Jan.	7	1	2	3	4	5	6	July.	1	2	3	4	5	6	7
	14	15	16	17	18	19	20		15	16	17	18	19	20	21
	21	22	23	24	25	26	27		22	23	24	25	26	27	28
	28	29	30	31	...	...	...		29	30	31	...	...	...	...
Feb.	4	5	6	7	8	9	10	Aug.	5	6	7	8	9	10	11
	11	12	13	14	15	16	17		12	13	14	15	16	17	18
	18	19	20	21	22	23	24		19	20	21	22	23	24	25
	25	26	27	28	...	...	...		26	27	28	29	30	31	...
Mar.	4	5	6	7	8	9	10	Sept.	2	3	4	5	6	7	8
	11	12	13	14	15	16	17		9	10	11	12	13	14	15
	18	19	20	21	22	23	24		16	17	18	19	20	21	22
	25	26	27	28	29	30	31		23	24	25	26	27	28	29
Apr.	1	2	3	4	5	6	7	Oct.	7	8	9	10	11	12	13
	8	9	10	11	12	13	14		14	15	16	17	18	19	20
	15	16	17	18	19	20	21		21	22	23	24	25	26	27
	22	23	24	25	26	27	28		28	29	30	31	...	...	...
May.	6	7	8	9	10	11	12	Nov.	4	5	6	7	8	9	10
	13	14	15	16	17	18	19		11	12	13	14	15	16	17
	20	21	22	23	24	25	26		18	19	20	21	22	23	24
	27	28	29	30	31	...	...		25	26	27	28	29	30	...
June	3	4	5	6	7	8	9	Dec.	2	3	4	5	6	7	8
	10	11	12	13	14	15	16		9	10	11	12	13	14	15
	17	18	19	20	21	22	23		16	17	18	19	20	21	22
	24	25	26	27	28	29	30		23	24	25	26	27	28	29
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CHICAGO, ILL.



THE "RIVAL" TONGUELESS CULTIVATOR.



With Double Wrought Arch and the Celebrated
"Bradley" Couplings and Beams.

Owing to its construction, it is light, yet amply strong for all purposes. We retain the well-known principle of the caster wheel, which is now pretty generally adopted, and which overcomes the tendency of cultivators *without* them to run out of the line of draft when one horse gets ahead of the other. We are now using, on the Rival, the same coupling as we put on our "Bradley" and "Duplex" Walking Cultivators.

A flat curved steel spring, attached to the coupling jaw, and projecting forward and upward, serves to hold the arch in position when the draft of the team is slackened, but owing to its elasticity, does not interfere with the running of the plows. Our device for locking the drag-bars up or down is simplicity itself, and worth your while to examine.

The pitch of the shovels can be regulated by raising the front end of the beams on the small sleeve in the coupling jaw; the gangs have also a lateral adjustment at the front end of the beams where they attach to the axle, of several inches each, by which the shovels can be brought close to the plant for early cultivation and at the same time have the plows draw in line.

The pitch of the shovel standards on the wood beam cultivator can be changed by means of our adjustable standard brace socket.



David Bradley Mfg. Co.



CALENDAR 1894.

	Sun.	Mon.	Tues.	Wed.	Thu.	Fri.	Sat.		Sun.	Mon.	Tues.	Wed.	Thu.	Fri.	Sat.
Jan.	7	1	2	3	4	5	6	July.	1	2	3	4	5	6	7
	14	15	16	17	18	19	20		8	9	10	11	12	13	14
	21	22	23	24	25	26	27		15	16	17	18	19	20	21
	28	29	30	31	...	...	...		22	23	24	25	26	27	28
	...	...	...	...	1	2	3		29	30	31	...	...	...	...
Feb.	4	5	6	7	8	9	10	Aug.	5	6	7	8	9	10	11
	11	12	13	14	15	16	17		12	13	14	15	16	17	18
	18	19	20	21	22	23	24		19	20	21	22	23	24	25
	25	26	27	28	...	...	...		26	27	28	29	30	31	...
	...	...	...	...	1	2	3		...	...	...	1	2	3	4
Mar.	4	5	6	7	8	9	10	Sept.	2	3	4	5	6	7	8
	11	12	13	14	15	16	17		9	10	11	12	13	14	15
	18	19	20	21	22	23	24		16	17	18	19	20	21	22
	25	26	27	28	29	30	31		23	24	25	26	27	28	29
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	1	2	3	4	5	6	7		...	1	2	3	4	5	6
Apr.	8	9	10	11	12	13	14	Oct.	7	8	9	10	11	12	13
	15	16	17	18	19	20	21		14	15	16	17	18	19	20
	22	23	24	25	26	27	28		21	22	23	24	25	26	27
	29	30	...	...	...	...	...		28	29	30	31	...	...	...
	...	...	...	...	...	...	...		...	...	...	...	...	...	...
	6	7	8	9	10	11	12		...	...	...	...	1	2	3
May.	13	14	15	16	17	18	19	Nov.	4	5	6	7	8	9	10
	20	21	22	23	24	25	26		11	12	13	14	15	16	17
	27	28	29	30	31	...	...		18	19	20	21	22	23	24
	...	...	...	...	...	...	...		25	26	27	28	29	30	...
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	3	4	5	6	7	8	9	Dec.	2	3	4	5	6	7	8
June	10	11	12	13	14	15	16		9	10	11	12	13	14	15
	17	18	19	20	21	22	23		16	17	18	19	20	21	22
	24	25	26	27	28	29	30		23	24	25	26	27	28	29
	...	...	...	...	...	...	...		30	31	...	...	...	...	...

CHICAGO, ILL.



"GOPHER" CULTIVATOR.



This has been in use a long while in some sections, and seems to be growing in favor wherever surface cultivation is preferred. The long blades loosen the top soil and cut the grass and weeds most effectually. It has a draft equalizer to which whiffletrees attach. The hitch can be raised or lowered. Two scrapers for hilling up, which are not shown in cut, go with each cultivator.

CULTIVATOR WITH GOPHER ATTACHMENT.



This shows a Gopher Attachment, put on our Bradley Walking Cultivator with parallel movement beams. The attachment consists of four short shanks, four gopher blades, two scraper blades not shown in cut, and a steel arched coupler. They can be put on any of our cultivators except the Duplex and Rival. This renders it possible for farmers who already have our cultivators, to use the Gopher at a small additional cost ; and, for those who are adopting shallow cultivation, is considerably less expensive than to buy an entire cultivator.

The attachments can be easily put on or taken off.



David Bradley Mfg. Co.



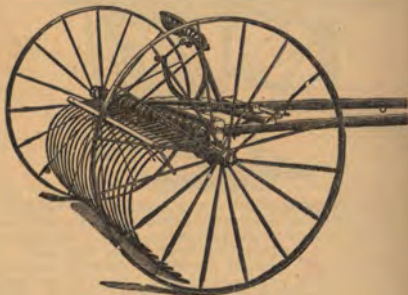
CALENDAR 1894.

	Sun.	Mon.	Tues.	Wed.	Thu.	Fri.	Sat.		Sun.	Mon.	Tues.	Wed.	Thu.	Fri.	Sat.
Jan.	7	1	2	3	4	5	6	July.	1	2	3	4	5	6	7
	14	15	16	17	18	19	20		8	9	10	11	12	13	14
	21	22	23	24	25	26	27		15	16	17	18	19	20	21
	28	29	30	31	...	...	...		22	23	24	25	26	27	28
	...	...	...	...	...	...	...		29	30	31	...	...	...	...
Feb.	4	5	6	7	8	9	10	Aug.	5	6	7	8	9	10	11
	11	12	13	14	15	16	17		12	13	14	15	16	17	18
	18	19	20	21	22	23	24		19	20	21	22	23	24	25
	25	26	27	28	...	...	...		26	27	28	29	30	31	...
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Mar.	4	5	6	7	8	9	10	Sept.	2	3	4	5	6	7	8
	11	12	13	14	15	16	17		9	10	11	12	13	14	15
	18	19	20	21	22	23	24		16	17	18	19	20	21	22
	25	26	27	28	29	30	31		23	24	25	26	27	28	29
	...	...	...	...	...	...	...		30	...	...	...	...	...	...
Apr.	1	2	3	4	5	6	7	Oct.	7	8	9	10	11	12	13
	8	9	10	11	12	13	14		14	15	16	17	18	19	20
	15	16	17	18	19	20	21		21	22	23	24	25	26	27
	22	23	24	25	26	27	28		28	29	30	31	...	...	...
	29	30	...	...	...	...	...		...	...	...	...	...	...	...
May.	6	7	8	9	10	11	12	Nov.	4	5	6	7	8	9	10
	13	14	15	16	17	18	19		11	12	13	14	15	16	17
	20	21	22	23	24	25	26		18	19	20	21	22	23	24
	27	28	29	30	31	...	...		25	26	27	28	29	30	...
	...	...	...	...	...	...	...		...	...	...	...	...	...	...
June	3	4	5	6	7	8	9	Dec.	2	3	4	5	6	7	8
	10	11	12	13	14	15	16		9	10	11	12	13	14	15
	17	18	19	20	21	22	23		16	17	18	19	20	21	22
	24	25	26	27	28	29	30		23	24	25	26	27	28	29
	...	...	...	...	...	...	...		30	31	...	...	...	...	...

CHICAGO, ILL.



THE "BRADLEY" NO. 2 HAND-DUMP SULKY HAY RAKE.



This is a good reliable Implement, a great favorite and does excellent work. It has steel axles, which do away entirely with the breakages which sometimes occur with cast axles. The axles of the 12-foot Rakes have been strengthened, also the steel seat springs. We are now attaching the cleaner-head to the seat, as the cut shows. Our combination Pole and Shafts, although not shown in cut, can be used on the new No. 2.

The Teeth are cast-steel, tempered in oil, and are thoroughly tested at the factory, and again by us before putting them in the rake. This rigid inspection is evidence that the teeth put in these rakes will be without flaw or defect. Having a spring temper, they do not bend out of shape, but return to their original position when the pressure is removed. They are firmly held to their work, when raking, by a locking device in combination with the hand lever, which remains locked until it is desired to dump the rake.

To dump it, the hand-lever is pressed slightly upward, which throws it out of lock; after which an easy forward pressure upon the lever completes the operation, aided by the weight of the driver.

The material used in this Rake is of the same quality as that which we put in our other rakes, viz.: the best that can be procured, and it is finished in first-class style.

The set of the teeth can be changed quickly to suit the kind of raking which is to be done by simply removing a bolt and lengthening or shortening the connection between the axle and hand-lever.

IT IS EASILY OPERATED.

Any boy or girl who can manage a team can handle it. It is made with overhanging cleaner only.

Regular width is 8 feet, but we make them 10 and 12 feet wide also. Wood wheels are furnished when wanted.

SURPRISE RAKE.



This Rake was first made by us in 1889. It has given perfect satisfaction, and we offer it with entire confidence that it will suit anyone wanting this grade of Rake. We make it eight feet wide only, with *twenty* cast-steel teeth, tempered in oil. Wood or steel wheels are furnished. It is made with shafts, with pole, or with combination pole and shafts, as preferred. The teeth which have a double coil, are attached to the wooden axle, and held in position by a wooden slat, which, instead of passing inside the coils, is placed against them on the outside, and held there by bolts which pass through the axle. Each tooth is independent of the others, and can be quickly and easily replaced, if necessary, by simply removing the slat mentioned.

Overhanging Cleaner.—It has an overhanging cleaner which is attached to seat by two rods. (See cut.)

Seat Spring.—Is of steel, and double, making it amply strong for the heaviest persons.

It is a Lock-Lever Rake.

It is Dumped by an easy upward pressure of the hand, which throws it out of lock ; after which a forward pressure completes the operation of dumping the hay, aided by the weight of the driver.

Steel Axles.—It has wrought steel axles, which are lighter than cast-iron, and at the same time not liable to break.

David Bradley Mfg. Co.



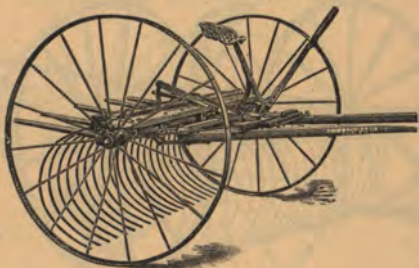
CALENDAR 1894.

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

CHICAGO, ILL.



"CHICAGO" SELF-DUMP RAKE.



This Rake embraces several features of great importance which will be highly appreciated by the farmer. The revolving wrought-iron axles are fastened to the hub and extend from either wheel to the center of the rake, at which point they are each supplied with a ratchet wheel. Two pawls are attached to the trussed wooden axle, the same being made to engage with the above mentioned ratchet wheels, by means of chains attached to a foot-treadle. As pressure on the foot treadle is communicated to both pawls, it will be seen that each wheel has to do its part of the work of dumping. The wheels work independently of each other, however, so that the rake can be dumped when turning a corner, for if one wheel stands still, the other will do the dumping. This is a feature which should not be overlooked. We use the double steel seat spring on this rake. The wooden axle is made very strong by a wrought iron truss underneath, which prevents sagging. Any boy or girl who can drive a horse is strong enough to operate it. It has twenty spring steel teeth, tempered in oil, which are given a very thorough test for quality and strength before they are put into the rake. Each tooth is independent, and can be quickly replaced in case of breakage, which with our teeth rarely occurs. In heavy raking, the teeth can be held to the ground by the weight of the operator's foot on the lever, which is held nearly in lock as the foot rests upon it, but is relieved immediately upon the foot being taken off. Whenever desired it can be used as a hand-lever rake, and as such cannot be excelled. By simply taking out a bolt the teeth can be raised or lowered to suit the raking, whether it be stubble-fields, corn-fields or meadows. We make them with pole for those who wish to use them with two horses. Regular width is 8 feet, but we furnish 10-foot self-dump rakes when wanted, also wood wheels when desired.



David Bradley Mfg. Co.



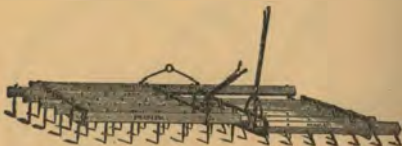
CALENDAR 1894.

	Sun.	Mon.	Tues.	Wed.	Thu.	Fri.	Sat.		Sun.	Mon.	Tues.	Wed.	Thu.	Fri.	Sat.
Jan.	7	1	2	3	4	5	6	July.	1	2	3	4	5	6	7
	14	15	16	17	18	19	20		8	9	10	11	12	13	14
	21	22	23	24	25	26	27		15	16	17	18	19	20	21
	28	29	30	31	...	...	...		22	23	24	25	26	27	28
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Feb.	4	5	6	7	8	9	10	Aug.	5	6	7	8	9	10	11
	11	12	13	14	15	16	17		12	13	14	15	16	17	18
	18	19	20	21	22	23	24		19	20	21	22	23	24	25
	25	26	27	28	...	...	...		26	27	28	29	30	31	...
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Mar.	4	5	6	7	8	9	10	Sept.	2	3	4	5	6	7	8
	11	12	13	14	15	16	17		9	10	11	12	13	14	15
	18	19	20	21	22	23	24		16	17	18	19	20	21	22
	25	26	27	28	29	30	31		23	24	25	26	27	28	29
	...	...	...	...	...	...	...		30	...	...	...	...	...	...
Apr.	1	2	3	4	5	6	7	Oct.	...	1	2	3	4	5	6
	8	9	10	11	12	13	14		7	8	9	10	11	12	13
	15	16	17	18	19	20	21		14	15	16	17	18	19	20
	22	23	24	25	26	27	28		21	22	23	24	25	26	27
	29	30	...	...	...	...	...		28	29	30	31	...	...	...
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May.	6	7	8	9	10	11	12	Nov.	4	5	6	7	8	9	10
	13	14	15	16	17	18	19		11	12	13	14	15	16	17
	20	21	22	23	24	25	26		18	19	20	21	22	23	24
	27	28	29	30	31	...	...		25	26	27	28	29	30	...
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June	3	4	5	6	7	8	9	Dec.	2	3	4	5	6	7	8
	10	11	12	13	14	15	16		9	10	11	12	13	14	15
	17	18	19	20	21	22	23		16	17	18	19	20	21	22
	24	25	26	27	28	29	30		23	24	25	26	27	28	29
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CHICAGO, ILL.



"BRADLEY" WOOD FRAME LEVER ADJUSTABLE HARROW.



The above cut represents our Wood Frame Lever Harrow. By means of levers the position of the teeth can be quickly and easily changed to any angle or slant desired, without stopping the team. Should any trash gather on the teeth when set perpendicularly, it could be instantly removed by slanting them backward for a moment. They are adapted for either pulverizing or smoothing purposes. The wood is selected stock, and the finish is first-class. The teeth are half-inch square steel.

We make them with two or with three sections. Each section is five feet wide and has either thirty or thirty-five teeth, so that a two section harrow covers ten, and a three section fifteen feet of ground.

The sections are attached to evener by links, and work independently of each other. The tooth-bars are riveted at the ends, and the general construction of the harrow is such as to secure greatest strength. The tooth-bars are so arranged that there are no spaces between the sections which the teeth do not cultivate.

"BRADLEY" IMPROVED STEEL FRAME LEVER ADJUSTABLE HARROW.



The cut shows our latest improvement with a top adjusting-bar at the center of each section, and with tooth bars held in place by connecting-bars made from angle steel bent together and riveted in a way that makes them very strong. So we have both kinds—those with top adjusting-bar only, and also those having top and



"Bradley" Steel Frame Harrow—Continued.

bottom bars, cut of which is not shown. Some prefer them with top bar only, claiming that a lower bar catches trash ; while others like top and bottom bar best, thinking they make the harrow stronger. It operates on the same principle as the wood frame shown above, description of which please see. The teeth are held in position by and between two bars of channel steel which are strongly riveted together on either side of each tooth.

The steel frame sections are made, some with five bars containing 35 $\frac{1}{2}$ -inch or 30 $\frac{3}{8}$ inch steel teeth ; and some with four bars, containing 32 or 36 $\frac{1}{2}$ -inch or 24 $\frac{3}{8}$ -inch steel teeth.

David Bradley Mfg. Co.



CALENDAR 1894.

	Sun.	Mon.	Tues.	Wed.	Thu.	Fri.	Sat.		Sun.	Mon.	Tues.	Wed.	Thu.	Fri.	Sat.
Jan.	7	1	2	3	4	5	6	July.	1	2	3	4	5	6	7
	14	15	16	17	18	19	20		15	16	17	18	19	20	21
	21	22	23	24	25	26	27		22	23	24	25	26	27	28
	28	29	30	31	...	...	...		29	30	31	...	...	...	...
Feb.	4	5	6	7	8	9	10	Aug.	5	6	7	8	9	10	11
	11	12	13	14	15	16	17		12	13	14	15	16	17	18
	18	19	20	21	22	23	24		19	20	21	22	23	24	25
	25	26	27	28	...	...	...		26	27	28	29	30	31	...
Mar.	4	5	6	7	8	9	10	Sept.	2	3	4	5	6	7	8
	11	12	13	14	15	16	17		9	10	11	12	13	14	15
	18	19	20	21	22	23	24		16	17	18	19	20	21	22
	25	26	27	28	29	30	31		23	24	25	26	27	28	29
Apr.	1	2	3	4	5	6	7	Oct.	7	8	9	10	11	12	13
	8	9	10	11	12	13	14		14	15	16	17	18	19	20
	15	16	17	18	19	20	21		21	22	23	24	25	26	27
	22	23	24	25	26	27	28		28	29	30	31	...	...	...
May.	6	7	8	9	10	11	12	Nov.	4	5	6	7	8	9	10
	13	14	15	16	17	18	19		11	12	13	14	15	16	17
	20	21	22	23	24	25	26		18	19	20	21	22	23	24
	27	28	29	30	31	...	...		25	26	27	28	29	30	...
June	3	4	5	6	7	8	9	Dec.	2	3	4	5	6	7	8
	10	11	12	13	14	15	16		9	10	11	12	13	14	15
	17	18	19	20	21	22	23		16	17	18	19	20	21	22
	24	25	26	27	28	29	30		23	24	25	26	27	28	29
									30	31	...	...	...	...	...

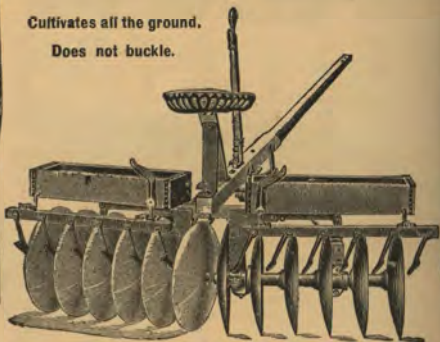
CHICAGO, ILL.



BRADLEY DISK HARROW.

Cultivates all the ground.

Does not buckle.



The Easiest Handled and the Lightest Draft Harrow made.

Depth of Cut is always uniform on level ground. No matter at what angle the Gangs are set, they do not buckle or raise at the center or inner ends of the Gangs.

Our Patent Wrought Steel Yoke connects the inner ends of the Gang Frames, in a way which prevents the end of either Gang Shaft from riding the opposite one, and thus forcing the Disks of one Gang deeper than those of the other.

End Thrust or Pressure.—Owing to the peculiar construction of our Harrow, the end pressure is completely removed, so there is no friction on the ends of the journal boxes, nor any excessive wearing of the boxes or shafts. As a consequence the draft is very light.

The Angle of the Gangs is changed by a **Lever**, and they can be changed with less effort than any other Harrow. A boy can do it easily.

The Depth of Cultivation is changed by changing the angle of the Gangs.

The Scrapers can be applied by pressing the feet against treadles. When pressure is removed the scrapers fall away from the disks, of their own weight.

It cuts out a Dead Furrow perfectly.

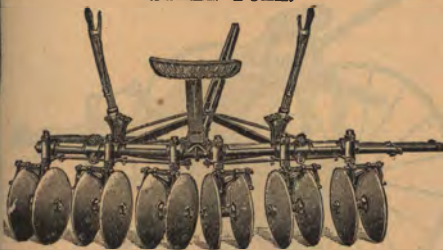
The same Frame can be used with either 14, 16 or 20 inch Disks, and the change can be made quickly. Dealers will more particularly appreciate this, as fewer frames need be kept in stock, to make up a variety of sizes.

All Oil Holes are protected from dirt.

Seeding Attachments:—Although not shown in cut we have a first-class Seeding Attachment for our DISK HARROW, which we can furnish when wanted, either full or half-seeder.



“ZENITH” DISK HARROW, WITH STIFF STEEL FRAME AND STEEL POLE.



**Cuts Deeper without Weighting than any
other Disk Harrow made.**

It has a stiff steel frame, consequently there can be no buckling or raising of the center, nor can the outer disks raise higher than the center ones; in other words the disks must work on a line with each other at their lowest circumference.

Each Gang (of two) Disks works on an independent axle having a journal bearing in the center, which runs in a box having an upright steel standard or shank that fastens to the frame. These shanks can be rotated in their settings which are on the frame, and thus the angle at which the disks set can be varied.

Cultivation on side hill can be done and the Harrow kept from working down hill by changing the set of the gangs. The shanks are rotated and the set of the disks changed by means of two levers, one of which controls all the gangs on the left hand, and the other all that are on the right hand side of the harrow.

The axles or journals on which each gang of disks is mounted, run in boxes having a recess or oil receptacle into which a good supply of oil can be put. The ends of these journal boxes are milled and between them and the revolving disk hubs is interposed a leather washer, keeping the boxes dust tight and also well lubricated.

No heavy end thrust.—Constructed as explained above, it will be quickly seen that all the pressure which can possibly come on the boxes, would be from two disks only, as each gang of two has a box and bearing of its own.

Should it be necessary to remove a disk, which will rarely happen, it can be quickly and easily done.

It can be used with three or four horses.

Separated, as they are, into gangs of two disks, they turn in the ground easier when turning in the field, than those having the disks all on long shafts or axles.

David Bradley Mfg. Co.



CALENDAR 1894.

	Sun.	Mon.	Tues.	Wed.	Thu.	Fri.	Sat.		Sun.	Mon.	Tues.	Wed.	Thu.	Fri.	Sat.
Jan.	...	1	2	3	4	5	6	July.	1	2	3	4	5	6	7
	7	8	9	10	11	12	13		8	9	10	11	12	13	14
	14	15	16	17	18	19	20		15	16	17	18	19	20	21
	21	22	23	24	25	26	27		22	23	24	25	26	27	28
Feb.	28	29	30	31	...	...	...	Aug.	29	30	31	...	...	...	...
	...	...	...	...	1	2	3		...	...	...	1	2	3	4
	4	5	6	7	8	9	10		5	6	7	8	9	10	11
	11	12	13	14	15	16	17		12	13	14	15	16	17	18
Mar.	18	19	20	21	22	23	24	Sept.	19	20	21	22	23	24	25
	25	26	27	28	...	...	...		26	27	28	29	30	31	...
	...	...	...	...	1	2	3		...	...	...	...	...	...	1
	4	5	6	7	8	9	10		2	3	4	5	6	7	8
Apr.	11	12	13	14	15	16	17	Oct.	9	10	11	12	13	14	15
	18	19	20	21	22	23	24		16	17	18	19	20	21	22
	25	26	27	28	29	30	31		23	24	25	26	27	28	29
	...	...	...	...	...	...	...		30	...	...	...	...	...	...
May.	...	1	2	3	4	5	6	Nov.	...	1	2	3	4	5	6
	8	9	10	11	12	13	14		7	8	9	10	11	12	13
	15	16	17	18	19	20	21		14	15	16	17	18	19	20
	22	23	24	25	26	27	28		21	22	23	24	25	26	27
June.	29	30	...	...	...	...	...	Dec.	28	29	30	31	...	...	...
	...	...	1	2	3	4	5		...	...	...	...	1	2	3
	6	7	8	9	10	11	12		4	5	6	7	8	9	10
	13	14	15	16	17	18	19		11	12	13	14	15	16	17
July.	20	21	22	23	24	25	26	Jan.	18	19	20	21	22	23	24
	27	28	29	30	31	...	...		25	26	27	28	29	30	...
	...	...	...	...	...	1	2		...	...	...	...	...	...	1
	3	4	5	6	7	8	9		2	3	4	5	6	7	8
Aug.	10	11	12	13	14	15	16	Feb.	9	10	11	12	13	14	15
	17	18	19	20	21	22	23		16	17	18	19	20	21	22
	24	25	26	27	28	29	30		23	24	25	26	27	28	29
	...	...	...	...	...	...	...		30	31	...	...	...	...	...

CHICAGO, ILL.



THE NEW BRADLEY STALK CUTTER,

(with Lever-Rack.)



Clearing Capacity.—The diameter of the cylinder heads is greater than usual; and, as there is no center shaft running through the cylinder its clearing capacity prevents clogging in heaviest work.

The rebound or blow which cuts the stalks is accelerated by two spiral springs (one on each side of the frame), which can be compressed, more or less, to give a hard or light blow, as the nature of the work to be done may require, by means of adjustable collars with set screws. When the handle or lever which operates the crank is pushed back it turns the crank downward and forces down the rods around which the springs are coiled and to which the collars referred to are fastened by the set screw. When the lever is thrown forward the frame and cylinder are raised from the ground.

A **Lever Rack** is now used, having notches into which the lever-dog engages and holds the lever above referred to in any desired position, thus giving suitable downward pressure to the cylinder-frame, or, holding it up from the ground when going to or from the field.

Automatic Drag-Hooks.—These can be instantly raised or lowered by pressure upon a foot-treadle connected with the foot-board as shown in cut.

A **steel seat-spring** and a good comfortable seat make it easy for the rider.

Steel Wheels, with 2-inch face and strongly built are used on these implements.

A **covered Cylinder** prevents accidents from falling upon the knives.

The **Frame and Arch** are of wrought iron, and the construction generally such as to make it a long lasting implement.

We make single row only of this style but can furnish double-row Cutter of the pattern heretofore made by us.



David Bradley Mfg. Co.



CALENDAR 1894.

	Sun.	Mon.	Tues.	Wed.	Thu.	Fri.	Sat.		Sun.	Mon.	Tues.	Wed.	Thu.	Fri.	Sat.
Jan.	7	1	2	3	4	5	6	July.	1	2	3	4	5	6	7
	14	15	16	17	18	19	20		8	9	10	11	12	13	14
	21	22	23	24	25	26	27		15	16	17	18	19	20	21
	28	29	30	31	...	...	...		22	23	24	25	26	27	28
	...	...	...	...	...	...	...		29	30	31	...	...	...	...
Feb.	4	5	6	7	8	9	10	Aug.	5	6	7	8	9	10	11
	11	12	13	14	15	16	17		12	13	14	15	16	17	18
	18	19	20	21	22	23	24		19	20	21	22	23	24	25
	25	26	27	28	...	...	...		26	27	28	29	30	31	...
	...	...	...	...	...	...	...		...	...	...	...	...	...	...
Mar.	4	5	6	7	8	9	10	Sept.	2	3	4	5	6	7	8
	11	12	13	14	15	16	17		9	10	11	12	13	14	15
	18	19	20	21	22	23	24		16	17	18	19	20	21	22
	25	26	27	28	29	30	31		23	24	25	26	27	28	29
	...	...	...	...	...	...	...		30	...	...	...	...	...	...
Apr.	1	2	3	4	5	6	7	Oct.	7	8	9	10	11	12	13
	8	9	10	11	12	13	14		14	15	16	17	18	19	20
	15	16	17	18	19	20	21		21	22	23	24	25	26	27
	22	23	24	25	26	27	28		28	29	30	31	...	...	...
	29	30	...	...	...	...	...		...	...	...	...	...	...	...
May.	6	7	8	9	10	11	12	Nov.	4	5	6	7	8	9	10
	13	14	15	16	17	18	19		11	12	13	14	15	16	17
	20	21	22	23	24	25	26		18	19	20	21	22	23	24
	27	28	29	30	31	...	...		25	26	27	28	29	30	...
	...	...	...	...	...	...	...		...	...	...	...	...	...	...
June	3	4	5	6	7	8	9	Dec.	2	3	4	5	6	7	8
	10	11	12	13	14	15	16		9	10	11	12	13	14	15
	17	18	19	20	21	22	23		16	17	18	19	20	21	22
	24	25	26	27	28	29	30		23	24	25	26	27	28	29
	...	...	...	...	...	...	...		30	31	...	...	...	...	...

CHICAGO, ILL.



"BRADLEY" CHAMPION FORCE-FEED COTTON PLANTER.

With Corn Planter Attachment.



For years the want of a practical and reliable Cotton Planter has been felt, to supply which, there have been machines of almost every imaginable character put upon the market, some of them possessing to a limited degree more or less merit, but when thoroughly tested have been abandoned, owing to their failure in some of the prime features necessary to a perfect working machine, in consequence of which cotton-growers have been compelled to put up with whatever might come in their way when planting season came on, many having to resort to hand planting. It is with a degree of satisfaction that we refer to the "Champion" as at once practical, efficient and durable; and we have no hesitancy in saying that it is perfect in its operation. The "Champion" is so constructed that you can change it in an instant to plant from one peck to two bushels per acre without the ordinary trouble of changing plates, unbolting, bolting up, etc. The "Champion" is a positive force-feed and cannot clog nor crack the seed. It plants the seed as it comes from the gin, without any previous preparation whatever, distributing it evenly in the drill, and, owing to the peculiar construction of the cut-off plates, bunching is entirely obviated. One man with one horse will plant from seven to eight acres per day, finishing his work as he goes, thus saving the work of at least two hands and one horse, in the matter of planting alone, over the ordinary way. The seed is deposited directly in the rear of the opening shovel, and is at once covered with moist soil, thus insuring its immediate sprouting. When the seed comes up it is in perfect drill, no stalk standing more than one inch out of the furrow line, so that any implement can be worked close up to the plant. Any one growing cotton will readily appreciate the labor saved in getting cotton to a stand planted in this manner, as "chopping out" is one of the most tedious jobs of raising the crop. Fully one-half the work is saved by the use of this machine, which alone would cover its cost on a crop not exceeding fifteen acres. We have yet to record the first instance where the "Champion" has not given entire satisfaction. We make them with iron frame also. A Corn Planting Attachment, which is shown above, can be furnished when wanted.



David Bradley Mfg. Co.



CALENDAR 1894.

	Sun.	Mon.	Tues.	Wed.	Thu.	Fri.	Sat.		Sun.	Mon.	Tues.	Wed.	Thu.	Fri.	Sat.
Jan.	7 14 21 28	1 8 15 22 29	2 9 16 23 30	3 10 17 24 31	4 11 18 25	5 12 19 26	6 13 20 27	July.	1 8 15 22 29	2 9 16 23 30	3 10 17 24 31	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28
Feb.	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28	1 8 15 22	2 9 16 23	3 10 17 24	Aug.	5 12 19 26	6 13 20 27	7 14 21 28	8 15 22 29	9 16 23 30	10 17 24 31	11 18 25
Mar.	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28	1 8 15 22 29	2 9 16 23 30	3 10 17 24 31	Sept.	2 9 16 23 30	3 10 17 24	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28	8 15 22 29
Apr.	1 8 15 22 29	2 9 16 23 30	3 10 17 24	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28	Oct.	7 14 21 28	8 15 22 29	9 16 23 30	10 17 24 31	11 18 25	12 19 26 27	13 20 27
May.	6 13 20 27	7 14 21 28	8 15 22 29	9 16 23 30	1 8 15 22 29	2 9 16 23 30	3 10 17 24 31	Nov.	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28	8 15 22 29	9 16 23 30	10 17 24
June	3 10 17 24	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28	1 8 15 22 29	2 9 16 23 30	Dec.	2 9 16 23 30	3 10 17 24 31	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28	8 15 22 29

CHICAGO, ILL.



PLOW CLEVISES.



No. 55.

Used on Nos. 70, 71, 76, 71½, 171½, R151, R161 and Y77 plows and 16-in breaker.



No. 20.

Used on Nos. 571, 570, 571½ and 577 plows and Square Corner Jr. Texas sulky.



No. 54.

Used on Nos. 31, 33, 34, 36, 40, 45, 37, 38, R121, R131, R141, 42, 237, 242, 137, 138, 142, Y19½, Y20½ and Y21 plows and 12 and 14-in. breakers, and 14 in. wood beam listing plows.



No. 25.

Used on Nos. 531, 533, 534, 536, 517, 527, 537, 538, 516½, 517½, 519½ and 520½ plows and 14 and 16 in. iron beam listers and combined listers and drills.



No. 53.

Used on Nos. 22½, 26½, R101, R111, 27, 217, 227, 117, 127, Y16½, Y17½, Y18½, X80, X82, X81, X86, T81, T91, T101, and T121 plows, and 10-inch breaking plows.



No. 26.

Used on Nos. V75, V85, V95, V105, V115, T75, T85, T95, T105, T125, U85, U95, U105, U125, N75, N85, N95, N105, N115 and N125 plows, rod breakers and steel beam potato diggers.

No. 31



Used on Nos. A7, A8, A9, A10, A11, A12, A13, and A14, D20 and D40 chilled plows and CO and DO steel plows.



For iron beam double and single shovel plows.

CLEVISES—Continued.



No. 80.

Used on Nos. A000, A00, A0, 79, T71, R71, R81, R91, 114, 115, 116 and BO plows, and vineyard and double diamond plows.



No. 2.

Used on Nos. V61 and B61 plows, wood beam double and single shovel plows, horse-hoes, Georgia stocks, Pony and AO plows.



No. 326.

Used on Nos. 540, 545, 542 and 521 Plows.

Sub-Clevises not shown separately, but can be seen on No. 55, and others. We use on some plows a Swivel Sub-Clevis—see cut No. 326.

David Bradley Mfg. Co.



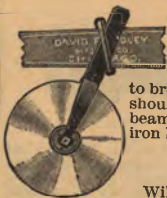
CALENDAR 1894.

	Sun.	Mon.	Tues.	Wed.	Thu.	Fri.	Sat.		Sun.	Mon.	Tues.	Wed.	Thu.	Fri.	Sat.
Jan.	7	1	2	3	4	5	6	July.	1	2	3	4	5	6	7
	14	15	16	17	18	19	20		8	9	10	11	12	13	14
	21	22	23	24	25	26	27		15	16	17	18	19	20	21
	28	29	30	31	...	...	...		22	23	24	25	26	27	28
	...	...	...	...	...	...	...		29	30	31	...	...	...	...
Feb.	4	5	6	7	8	9	10	Aug.	5	6	7	8	9	10	11
	11	12	13	14	15	16	17		12	13	14	15	16	17	18
	18	19	20	21	22	23	24		19	20	21	22	23	24	25
	25	26	27	28	...	...	...		26	27	28	29	30	31	...
	...	...	...	...	...	...	...		...	...	...	...	...	...	...
Mar.	4	5	6	7	8	9	10	Sept.	2	3	4	5	6	7	8
	11	12	13	14	15	16	17		9	10	11	12	13	14	15
	18	19	20	21	22	23	24		16	17	18	19	20	21	22
	25	26	27	28	29	30	31		23	24	25	26	27	28	29
	...	...	...	...	...	...	...		30	...	...	...	...	...	...
Apr.	1	2	3	4	5	6	7	Oct.	7	8	9	10	11	12	13
	8	9	10	11	12	13	14		14	15	16	17	18	19	20
	15	16	17	18	19	20	21		21	22	23	24	25	26	27
	22	23	24	25	26	27	28		28	29	30	31	...	...	...
	29	30	...	...	...	...	...		...	...	...	...	...	...	...
May.	6	7	8	9	10	11	12	Nov.	4	5	6	7	8	9	10
	13	14	15	16	17	18	19		11	12	13	14	15	16	17
	20	21	22	23	24	25	26		18	19	20	21	22	23	24
	27	28	29	30	31	...	...		25	26	27	28	29	30	...
	...	...	...	...	...	...	...		...	...	...	...	...	...	...
June	3	4	5	6	7	8	9	Dec.	2	3	4	5	6	7	8
	10	11	12	13	14	15	16		9	10	11	12	13	14	15
	17	18	19	20	21	22	23		16	17	18	19	20	21	22
	24	25	26	27	28	29	30		23	24	25	26	27	28	29
	...	...	...	...	...	...	...		30	31	...	...	...	...	...

CHICAGO, ILL.



PLOW COLTERS AND JOINTERS.



Rolling Colter.

This has a 13-inch steel blade, and stiff wroughtshank. Can be attached to breakers and other plows. In ordering should state whether for wood or iron beam plows or breakers, and when for iron beams whether for right or left hand.



"Bradley" Caster Colter.

Will fit wood or steel beam plows, right or left hand, by changing bolts. The bearings are perfectly protected. The outer ends of the hubs are chilled, and a leather washer prevents the dust and dirt from working in between bearings and cutting them out—a fruitful source of *wabbling*. The wear can be taken up by tightening the nut on the bolt which passes through the blade and hubs. No wear comes on the bolt, as neither blade nor hubs touch it. This Colter will out-wear four of the ordinary make. Our adjustable Beam-Clamp fits any size beam. An offset of two inches in the shank allows a lateral adjustment of four inches.



Knife Colter.

Is for use generally on stubble and sod plows for tame sod plowing; it is also used on breakers and other plows, when the ground to be plowed renders it appropriate. It is not attached to the point of the plow. See cut.



Standing Colters.

Are mostly used on breaking plows when breaking original prairie or timber land. They are preferable to Rolling or Caster Colters, as from their position and shape, they are not liable, when they strike a root or stone, to raise the breaker out of the ground. The heel of the colter is mortised and fits on the point of the share. It is held from working off by the manner in which it is clasped to the beam.



David Bradley Mfg. Co.



CALENDAR 1894.

	Sun.	Mon.	Tues.	Wed.	Thu.	Fri.	Sat.		Sun.	Mon.	Tues.	Wed.	Thu.	Fri.	Sat.
Jan.	7 14 21 28	1 8 15 22 29	2 9 16 23 30	3 10 17 24 31	4 11 18 25	5 12 19 26	6 13 20 27	July.	1 8 15 22 29	2 9 16 23 30	3 10 17 24 31	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28
Feb.	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28	1 8 15 22	2 9 16 23	3 10 17 24	Aug.	5 12 19 26	6 13 20 27	7 14 21 28	8 15 22 29	9 16 23 30	10 17 24 31	11 18 25
Mar.	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28	1 8 15 22 29 30	2 9 16 23 30	3 10 17 24 31	Sept.	2 9 16 23 30	3 10 17 24	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28	8 15 22 29
Apr.	1 8 15 22 29	2 9 16 23 30	3 10 17 24	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28	Oct.	7 14 21 28	8 15 22 29	9 16 23 30	10 17 24 31	11 18 25	12 19 26	13 20 27
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June	3 10 17 24	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28	1 8 15 22 29	2 9 16 23 30	Dec.	2 9 16 23 30	3 10 17 24 31	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28	8 15 22 29

CHICAGO, ILL.



Plow Colters and Jointers—Continued.

Fin Cutter.



Still another style very popular in some sections of the country. Its advocates claim that it does not choke up in trashy ground—the straw and weeds or stalks passing over the top of it.



SWORD COLTER.

Another style preferred by some.



QUINCY CUTTER.

Which has a sectional popularity. When one end is worn out it can be inverted and the other used.



STEEL JOINTER.

This is used by many farmers when plowing tame sod or weedy, foul ground. It is attached with a clasp, as shown in cut. It opens a small furrow in advance of the plow, turning a part of the weeds or grass under so that the plow as it follows, buries them all completely out of sight in the bottom of the main furrow. The shank is wrought iron, to which is welded the cast steel mold.



Plow Colters and Jointers—Continued.

CHILLED JOINTER.

For the same purposes as the Steel Jointer, but oftener used on chilled plows, particularly in sandy soils. It is attached in a manner to avoid weakening the beam by boring holes in it. The moldboard can be detached from the standard or shank and a Knife Colter substituted as shown to the left.



CHILLED JOINTER SHANK.

With Knife Colter Attached.

David Bradley Mfg. Co.



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	14	15	16	17	18	19	20		8	9	10	11	12	13	14
	21	22	23	24	25	26	27		15	16	17	18	19	20	21
	28	29	30	31	...	...	...		22	23	24	25	26	27	28
	...	...	...	...	...	...	...		29	30	31	...	...	...	...
Feb.	4	5	6	7	8	9	10	Aug.	5	6	7	8	9	10	11
	11	12	13	14	15	16	17		12	13	14	15	16	17	18
	18	19	20	21	22	23	24		19	20	21	22	23	24	25
	25	26	27	28	...	...	...		26	27	28	29	30	31	...
	...	...	...	...	...	...	...		...	...	...	...	...	...	...
Mar.	4	5	6	7	8	9	10	Sept.	2	3	4	5	6	7	8
	11	12	13	14	15	16	17		9	10	11	12	13	14	15
	18	19	20	21	22	23	24		16	17	18	19	20	21	22
	25	26	27	28	29	30	31		23	24	25	26	27	28	29
	...	...	...	...	...	...	...		30	...	...	...	...	...	...
Apr.	1	2	3	4	5	6	7	Oct.	7	8	9	10	11	12	13
	8	9	10	11	12	13	14		14	15	16	17	18	19	20
	15	16	17	18	19	20	21		21	22	23	24	25	26	27
	22	23	24	25	26	27	28		28	29	30	31	...	...	...
	29	30	...	...	...	...	...		...	...	...	...	...	...	...
May.	6	7	8	9	10	11	12	Nov.	4	5	6	7	8	9	10
	13	14	15	16	17	18	19		11	12	13	14	15	16	17
	20	21	22	23	24	25	26		18	19	20	21	22	23	24
	27	28	29	30	31	...	...		25	26	27	28	29	30	...
	...	...	...	...	...	...	...		...	...	...	...	...	...	...
June	3	4	5	6	7	8	9	Dec.	2	3	4	5	6	7	8
	10	11	12	13	14	15	16		9	10	11	12	13	14	15
	17	18	19	20	21	22	23		16	17	18	19	20	21	22
	24	25	26	27	28	29	30		23	24	25	26	27	28	29
	...	...	...	...	...	...	...		30	31	...	...	...	...	...

CHICAGO, ILL.



POTATO DIGGER.



We are making a Potato Digger, such as is illustrated above.

The depth is regulated by the gauge-wheel which is set to let the shoe go beneath the potatoes. The fingers separate them from the dirt, leaving them on top, and allowing the earth to fall through and fill the trench made by the shoe, which leaves the ground level. It has a steel beam and steel shoe; is substantially made and will do the work of several men with hoes.

BRADLEY VINEYARD PLOW.



Its uses:—To cultivate in Vineyards, Hopyards and Orchards—in short to plow between and close up to trees or vines without injuring them or their roots; also for plowing stubble fields, corn fields and summer fallow, and for putting in small grain, etc., etc.

Size and Capacity:—Each bottom cuts a furrow eight inches wide. It is intended for plowing from 2 to 4 inches deep.

Two or Three Furrow.—The rear bottom and that portion of the frame which holds it in position, can be removed from the three-furrow Gang, leaving a two-furrow plow.

The removal of the rear bottom does not in any way interfere with the handles or other mechanism by which the plow is operated.



Bradley Vineyard Plow—Continued.

Material and Construction:—It is made entirely of steel and iron. The frame is light, yet being of wrought iron, is amply strong for all purposes to which the plow will be put. The BOTTOMS are the celebrated "Garden City ('lipper'" shapes—well known the world over as the finest shaped plows for light draft and cleaning qualities, of any yet made.

One lever only operates the gang. The clevis is sufficiently wide to give any side adjustment necessary for the landing of the plow.

David Bradley Mfg. Co.



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CHICAGO, ILL.



LAND MEASURE.

144 square inches.....	1 square foot.
9 square feet.....	1 square yard.
30¼ square yards.....	1 square rod.
40 square rods.....	1 square rood.
4 square roods.....	1 square acre.
640 square acres.....	1 square mile.

LONG MEASURE.

12 inches.....	1 foot.
3 feet.....	1 yard.
5½ yards or 16½ feet.....	1 rod.
320 rods, or 1,760 yards, or 5,280 feet.....	1 mile.
3 miles (measuring at sea).....	1 league.
6 feet (depth of water).....	1 fathom.
4 inches (horse measure).....	1 hand.

LIQUID MEASURE.

4 gills.....	1 pint.
2 pints.....	1 quart.
4 quarts.....	1 gallon.
31¼ gallons.....	1 barrel.
63 gallons.....	1 hogshead.

COMMERCIAL WEIGHTS.

16 drams.....	1 ounce.
16 ounces.....	1 pound.
25 pounds.....	1 quarter.
4 quarters.....	1 hundred weight.
20 hundred weight.....	1 ton.

MISCELLANEOUS TABLE.

12 units or things.....	1 dozen.
12 dozen.....	1 gross.
20 things.....	1 score.
196 pounds.....	1 barrel of flour.
200 pounds.....	1 barrel of pork.
56 pounds.....	1 firkin of butter.
24 sheets of paper.....	1 quire.
20 quires of paper.....	1 ream.
4 feet wide, 4 feet high, and 8 feet long,	1 cord of wood.



David Bradley Mfg. Co.



CALENDAR 1894.

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	7	8	9	10	11	12	13		8	9	10	11	12	13	14
	14	15	16	17	18	19	20		15	16	17	18	19	20	21
	21	22	23	24	25	26	27		22	23	24	25	26	27	28
	28	29	30	31	..	..	..		29	30	31	..	..	..	..
Feb.	..	..	..	..	1	2	3	Aug.	..	..	..	1	2	3	4
	4	5	6	7	8	9	10		5	6	7	8	9	10	11
	11	12	13	14	15	16	17		12	13	14	15	16	17	18
	18	19	20	21	22	23	24		19	20	21	22	23	24	25
	25	26	27	28	..	..	..		26	27	28	29	30	31	..
Mar.	..	..	..	..	1	2	3	Sept.	..	..	..	..	..	..	1
	4	5	6	7	8	9	10		2	3	4	5	6	7	8
	11	12	13	14	15	16	17		9	10	11	12	13	14	15
	18	19	20	21	22	23	24		16	17	18	19	20	21	22
	25	26	27	28	29	30	31		23	24	25	26	27	28	29
	..	..	..	..	..	..	..		30	..	..	..	..	..	..
Apr.	..	..	..	..	..	..	..	Oct.	..	..	..	..	..	..	..
	1	2	3	4	5	6	7		..	1	2	3	4	5	6
	8	9	10	11	12	13	14		7	8	9	10	11	12	13
	15	16	17	18	19	20	21		14	15	16	17	18	19	20
	22	23	24	25	26	27	28		21	22	23	24	25	26	27
	29	30	..	..	..	..	..		28	29	30	31	..	..	..
May.	..	..	1	2	3	4	5	Nov.	..	..	..	..	1	2	3
	6	7	8	9	10	11	12		4	5	6	7	8	9	10
	13	14	15	16	17	18	19		11	12	13	14	15	16	17
	20	21	22	23	24	25	26		18	19	20	21	22	23	24
	27	28	29	30	31	..	..		25	26	27	28	29	30	..
	..	..	..	..	..	..	..		..	..	..	..	..	..	..
June	..	..	..	..	..	1	2	Dec.	..	..	..	..	..	..	..
	3	4	5	6	7	8	9		2	3	4	5	6	7	8
	10	11	12	13	14	15	16		9	10	11	12	13	14	15
	17	18	19	20	21	22	23		16	17	18	19	20	21	22
	24	25	26	27	28	29	30		23	24	25	26	27	28	29
	..	..	..	..	..	..	..		30	31	..	..	..	..	..

CHICAGO, ILL.



U. S. Land Measure and Homestead Law.

A township is 36 sections, each a mile square. A section is 640 acres. A quarter section, half a mile square, is 160 acres. An eighth section, half a mile long north and south, and a quarter of a mile wide, is 80 acres. A sixteenth section, a quarter of a mile square, is 40 acres. The sections are all numbered 1 to 36, commencing at northeast corner, thus:

(Fig. 1.)

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

(Fig. 2.)

NW	NE
SW	SE

The Sections are divided into quarters, named by the cardinal points, (Fig. 2).

The quarters are themselves divided in the same way. The description of a forty-acre lot would read: The south half of the west half of the south-west quarter of section one in township twenty-four, north of range seven west, or as the case might be;

and sometimes will fall short, and sometimes overrun the number of acres it is supposed to contain.

HOMESTEAD PRIVILEGES.—The law gives to every citizen and to those who have declared their intention to become citizens the right to homestead on SURVEYED lands, to the extent of one quarter section, or 160 acres, or a half-quarter section, or 80 acres, the former in cases in the class of lower priced lands held by law at \$1.25 per acre, the latter of high priced lands held at \$2.50 per acre when disposed of to cash buyers. The pre-emption privilege is restricted to heads of families, widows, or single persons over the age of twenty-one.

Every soldier and officer of the army, and every seaman, marine, and officer of the navy, during the recent rebellion, may enter 160 acres from either class, and length of time served in the army or navy deducted from the time required to perfect title.

FOR BUILDERS.

One thousand shingles laid four inches to the weather, will cover one hundred square feet of surface, and five pounds of shingle nails will fasten them on.

One fifth more siding and flooring is needed than the number of square feet of surface to be covered, because of the lap in the siding and matching of the floor.

One thousand laths will cover seventy yards of surface, and eleven pounds of lath nails will nail them on.

Eight bushels of good lime, sixteen bushels of sand, and one bushel of hair, will make enough good mortar to plaster one hundred square yards.

A cord of stone, three bushels of lime, and a cubic yard of sand will lay one hundred cubic feet of wall.

Five courses of brick will lay one foot in height on a chimney: six bricks in a course will make a flue four inches wide and twelve inches long; and eight bricks in a course will make a flue eight inches wide and sixteen inches long.



David Bradley Mfg. Co.



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CHICAGO, ILL.



NUMBER OF YEARS SEEDS RETAIN THEIR VITALITY.

Artichoke.....	5 to 6
Asparagus.....	2 " 3
Beans.....	2 " 3
Beets.....	3 " 4
Cucumber.....	8 " 10
Cauliflower.....	5 " 6
Cress.....	3 " 4
Carrots.....	2 " 3
Celery.....	2 " 3
Corn (on the cob).....	2 " 3
Endive.....	5 " 6
Egg Plant.....	1 " 2
Leek.....	2 " 3
Lettuce.....	3 " 4
Melon.....	8 " 10
Mustard.....	3 " 4
Onion.....	2 " 3
Pea.....	5 " 6
Pumpkin.....	8 " 10
Parsley.....	2 " 3
Parsnip.....	2 " 4
Pepper.....	2 " 3
Rhubarb.....	3 " 4
Squash.....	8 " 10
Spinach.....	3 " 4
Turnip.....	3 " 6
Tomato.....	2 " 3

Hard wood stumps decay in five or six years ; spruce stumps in about the same time ; hemlock stumps in eight or nine years ; cedar, the same ; pine stumps, never.

Cedar, oak, yellow pine and chestnut are the most durable woods in dry places.

TIME AT WHICH MONEY DOUBLES AT INTEREST.

Rate Per Cent.	Simple Interest.	Compound Interest.
10.....	10 years	7 years, 100 days.
9.....	11 " 40 days	8 " 16 "
8.....	12½ " 104 days	9 " 2 "
7.....	14 " 8 months	10 " 89 "
6.....	16 " 81 days	11 " 327 "
5.....	20 " 208 days	15 " 75 "
4½.....	22 " 4 months	15 " 278 "
4.....	25 " 35 months	17 " 246 "
3½.....	28 " 42 months	20 " 54 "
3.....	33 " 50 months	23 " 164 "
2½.....	40 " 60 months	28 " 26 "
2.....	50 " 75 months	35 " 1 "



David Bradley Mfg. Co.



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(CONTINUED FROM FIRST INSIDE PAGE OF COVER.)

For use in hard or sticky ground the point and the cutting edge near the point should be set somewhat lower than "regular" set, in order to give it more suction; on the contrary, if to be used in light, mellow or soft ground, it can be set about straight or flat, as plows incline to go much deeper in soft than in hard ground.

Having drawn out the point and cutting edge, and properly shaped them with reference to suction, it should then be re-tempered, to do which they must be heated *uniformly* at one time. Heat the share to a dark cherry red, and plunge it into water for a moment, or until it has been partially cooled. Don't cool it too much. There should be heat enough left in it to "draw the temper" until the extreme point and cutting edge turns to a dark straw or purple color, at which stage it should be cooled off entirely.

How to put on Hardened Shares.

Remove the old share as follows: Take out the rear bolt *first*, then the one next to it, and so on, removing the one on the landside part of the share *lastly*. Now see that the number stamped in the steel on the under side of the *old* share is the *same* as on the *new* one. In putting on the new share reverse the order of proceeding by putting bolt in the landside part *first*. If the bolt holes in the share do not match those in the plow sufficiently close to allow the bolts to go in without injuring the threads (which occasionally happens,) loosen the nuts on the moldboard bolts a few turns; and if necessary, the nuts of the bolts that hold the iron landside to the beam or standard. It may be necessary, also to use a steel drift (which is a piece of $\frac{3}{8}$ round steel tapered at one end.) which can be driven through the holes in the share and joining parts until they come into position so the bolts will pass through. When bolts are all in put on the nuts and give a turn or two at a time to each one, it being better to gradually tighten them all round, rather than to tighten each one separately, as it brings the joints together better, which on a steel plow should go together on a slight strain. Be careful when using the drift, as the hardened steel is liable to break.

David Bradley Mfg. Co.



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Feb.	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28	1 8 15 22	2 9 16 23	3 10 17 24	Aug.	5 12 19 26	6 13 20 27	7 14 21 28	8 15 22 29	9 16 23 30	10 17 24 31	11 18 25
Mar.	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28	1 8 15 22 29	2 9 16 23 30	3 10 17 24 31	Sept.	2 9 16 23 30	3 10 17 24	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28	8 15 22 29
Apr.	1 8 15 22 29	2 9 16 23 30	3 10 17 24	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28	Oct.	7 14 21 28	8 15 22 29	9 16 23 30	10 17 24 31	11 18 25	12 19 26	13 20 27
May.	6 13 20 27	7 14 21 28	1 8 15 22 29	2 9 16 23 30	3 10 17 24 31	4 11 18 25	5 12 19 26	Nov.	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28	8 15 22 29	9 16 23 30	10 17 24
June	3 10 17 24	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28	1 8 15 22 29	2 9 16 23 30	Dec.	2 9 16 23 30	3 10 17 24 31	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28	8 15 22 29

CHICAGO, ILL.