

ESTABLISHED
1854

INCORPORATED
1898

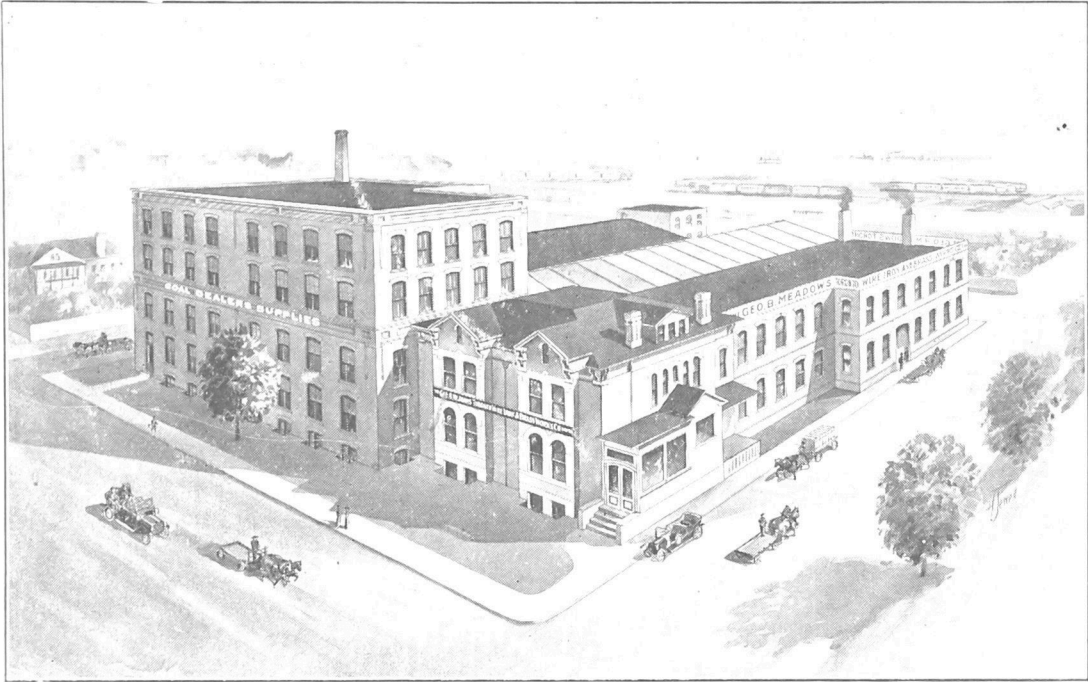


COAL DEALERS' SUPPLIES

Catalogue No. 2

The GEO. B. MEADOWS Toronto Wire,
Iron and Brass Works Company, Limited
479 WELLINGTON ST. W., TORONTO, CANADA
1916

OUR HOME



OUR SERVICE

We manufacture especially for the Coal Dealer. The design of our equipment is the result of the close study of your needs, and we can generally satisfy our customers. We are always open to suggestion and will appreciate hearing from you.

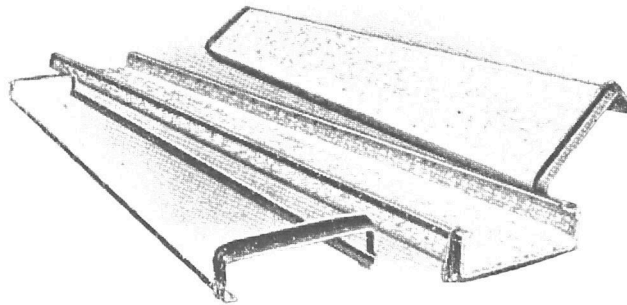
OUR TERMS

Our prices are strictly nett 30 days, or 2% off for payment within 10 days.

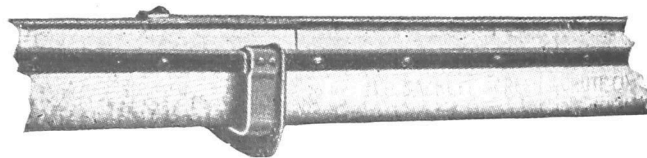
This Catalog takes precedence over all previous publications.

COAL CHUTES

The illustration below shows the construction of the "MEADOWS" Coal Chutes. The body of the chute is of sheet steel one-sixteenth of an inch thick, strongly reinforced at the edges with angle irons, giving the lightest and strongest combination possible.

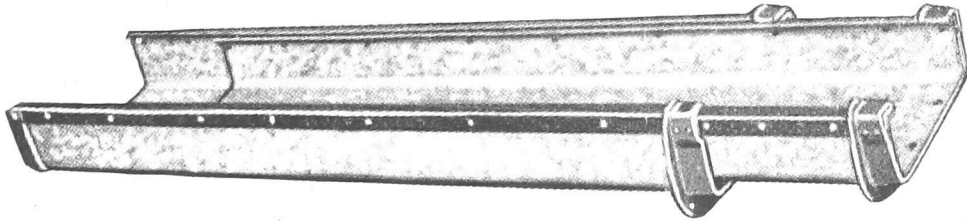


Two or more of these chutes may be connected, as shown, to make a long



	Black.	Galvanized.
No. 326—18 inches wide, per running foot..	\$0.65	\$0.85

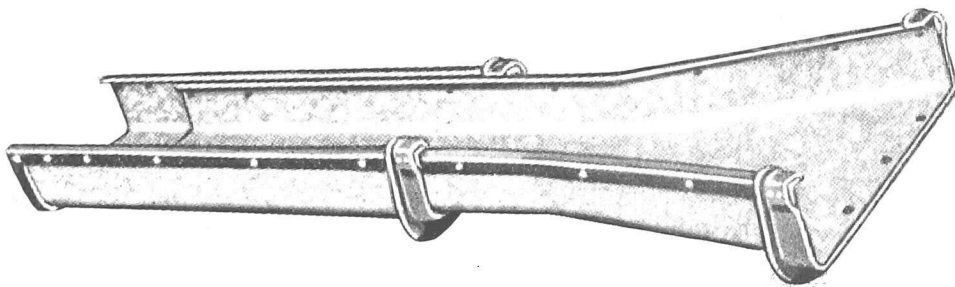
SOFT COAL TELESCOPE CHUTE.



The inside section of chute is 18 in. wide, each end. The outside section is made to slide easily over the inside section. Each piece may be used as an independent chute.

	Black.	Galvanized.
No. 300A— 8 foot chute, 6 foot slide.....	\$11.00	\$14.30
No. 300B— 8 foot chute, 8 foot slide.....	12.05	16.40
No. 300C—10 foot chute, 8 foot slide.....	14.30	18.45
No. 300D—10 foot chute, 10 foot slide.....	15.85	20.50

HARD COAL TELESCOPE CHUTE.



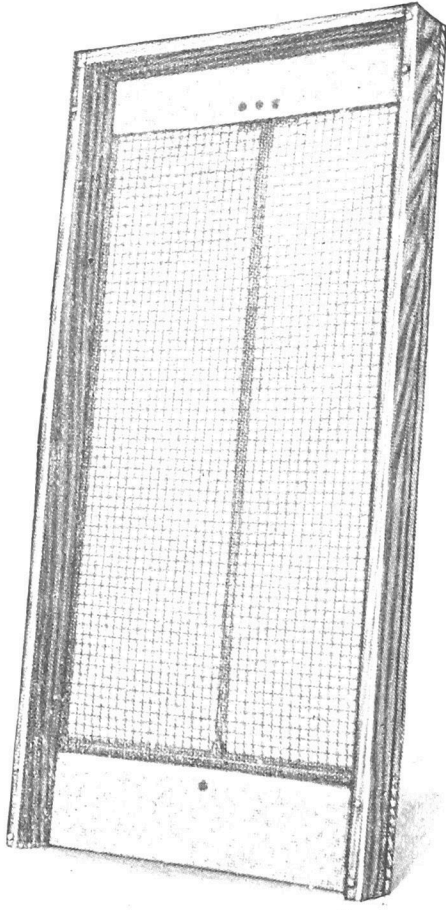
Width at top 22 inches. At bottom 12 inches.

Each section may be used as an independent chute.

	Black.	Galvanized.
No. 301A— 8 foot chute, 6 foot slide.....	\$11.00	\$14.30
No. 301B—10 foot chute, 8 foot slide.....	14.30	18.45
No. 301C—12 foot chute, 10 foot slide.....	17.40	20.50

Our chutes have a good appearance and are made to last

YARD SCREENS.



These screens are supplied with seasoned ash frames. The former are securely bolted together and have galvanized iron at each end, as shown, to prevent excessive wear.

The wire mesh is of hard steel wire, accurately spaced. Centre bar prevents the mesh from sagging.

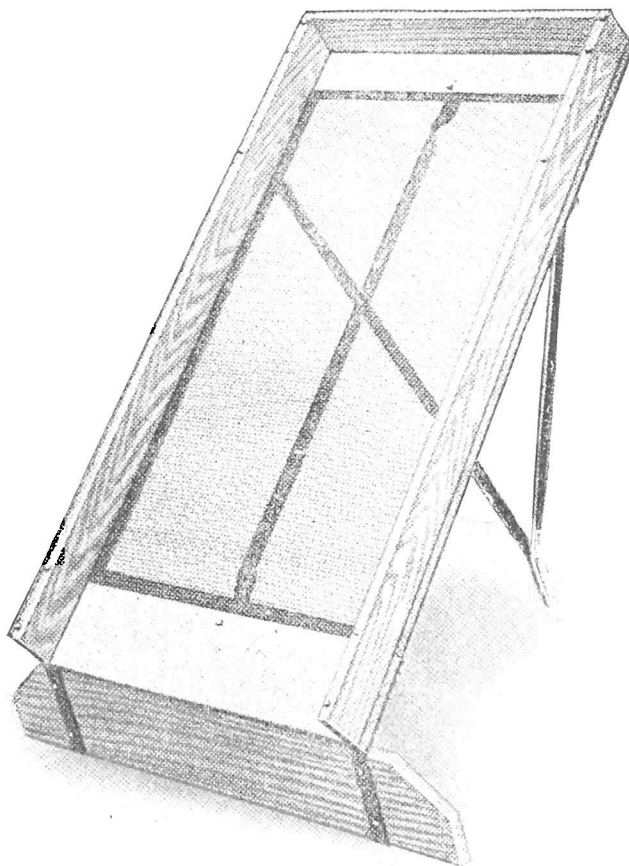
	Outside Measurement.	Screening Surface.	
No. 306A	24x60 ins.	22 ³ / ₄ x48 ins.	(¹ / ₄ to 1 ¹ / ₂ mesh) \$6.50
No. 306C	30x60 ins.	27 ³ / ₄ x48 ins.	(¹ / ₄ to 1 ¹ / ₂ mesh) 7.50
No. 306D	32x65 ins.	29 ³ / ₄ x53 ins.	(¹ / ₄ to 1 ¹ / ₂ mesh) 9.00

New bottoms are easily bolted to frame when the original ones are worn out.

YARD SCREENS.

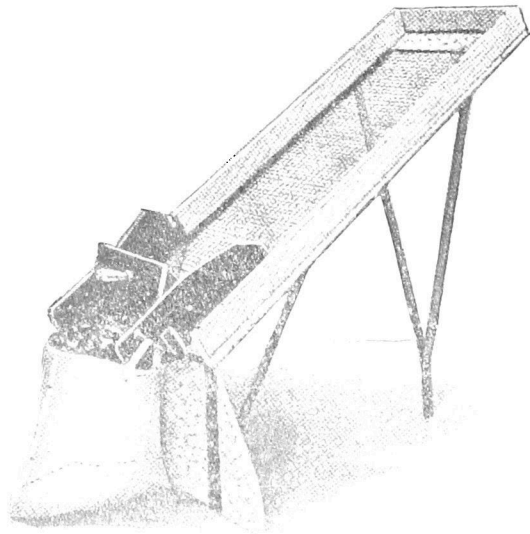
This screen has footboard and hinged leg. It represents the last word in coal screens. The steel leg permits the screen to be set at the desired angle, and the footboard prevents the screenings from getting mixed with the coal.

Other features like No. 306.



	Outside Measurement.	Screening Surface.	
No. 307A	24x60 ins.	22 ³ / ₄ x48 ins.	(¹ / ₄ to 1 ¹ / ₂ mesh) \$8.50
No. 307B	30x60 ins.	27 ³ / ₄ x48 ins.	(¹ / ₄ to 1 ¹ / ₂ mesh) 10.00
No. 307D	32x65 ins.	29 ³ / ₄ x53 ins.	(¹ / ₄ to 1 ¹ / ₂ mesh) 11.00

“Meadows” Coal Screens are used all over Canada.



BAGGING SCREEN.

This screen makes bagging easy. The sheet iron apron prevents the screenings from getting mixed with the sized coal in front of screen. It is therefore a good screen for cleaning bulk coal. The hinged leg permits the screen to be held at the right pitch.

No. 318A—24x60 ins. (without bagger).....\$10.00

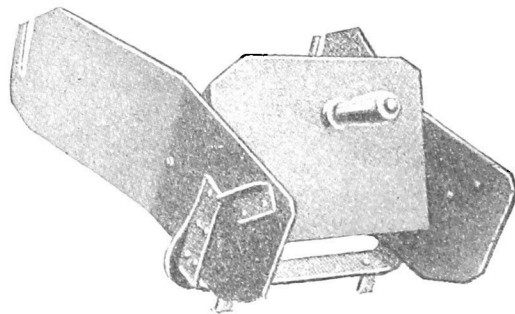
No. 318B—30x60 ins. (without bagger)..... 11.50

Any size mesh from $\frac{1}{4}$ to $1\frac{1}{2}$ inch.

BAGGER ATTACHMENT.

No. 309 Bagger Attachment is easily attached to any screen and will enable you to bag coal quickly and cheaply.

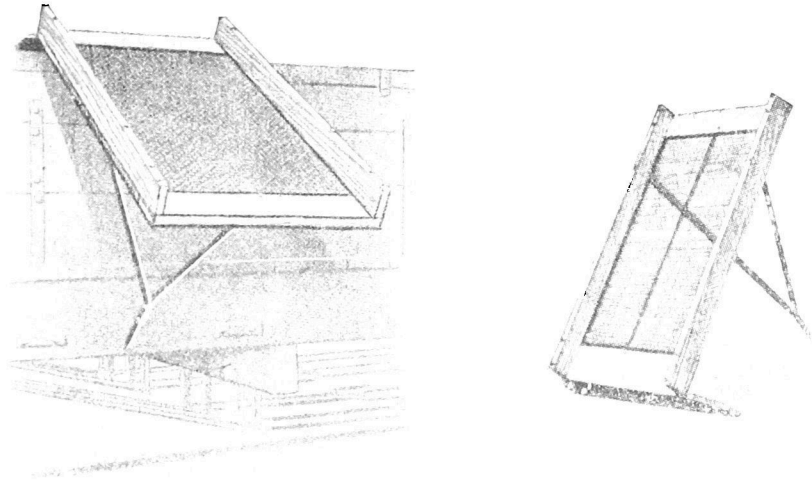
Price, each: Galvanized, \$6.00
 Black. 4.50



Made to fit any width screen.
 State whether for 24 or 30-inch screen.

This page shows a handy combination.

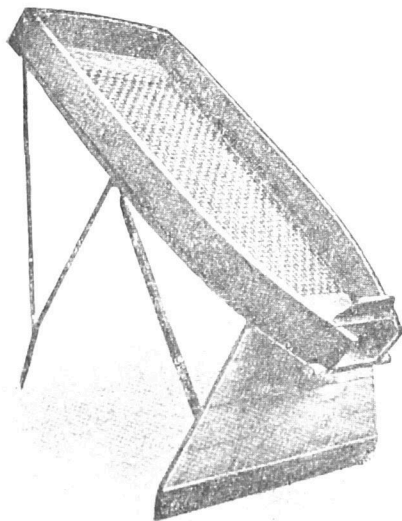
CAR SCREEN



This screen may be used as a yard screen, too, as shown. It is set to any angle by means of the hinged leg.

No. 308A—24x60 ins.	\$8.50
No. 308B—30x60 ins.	10.00

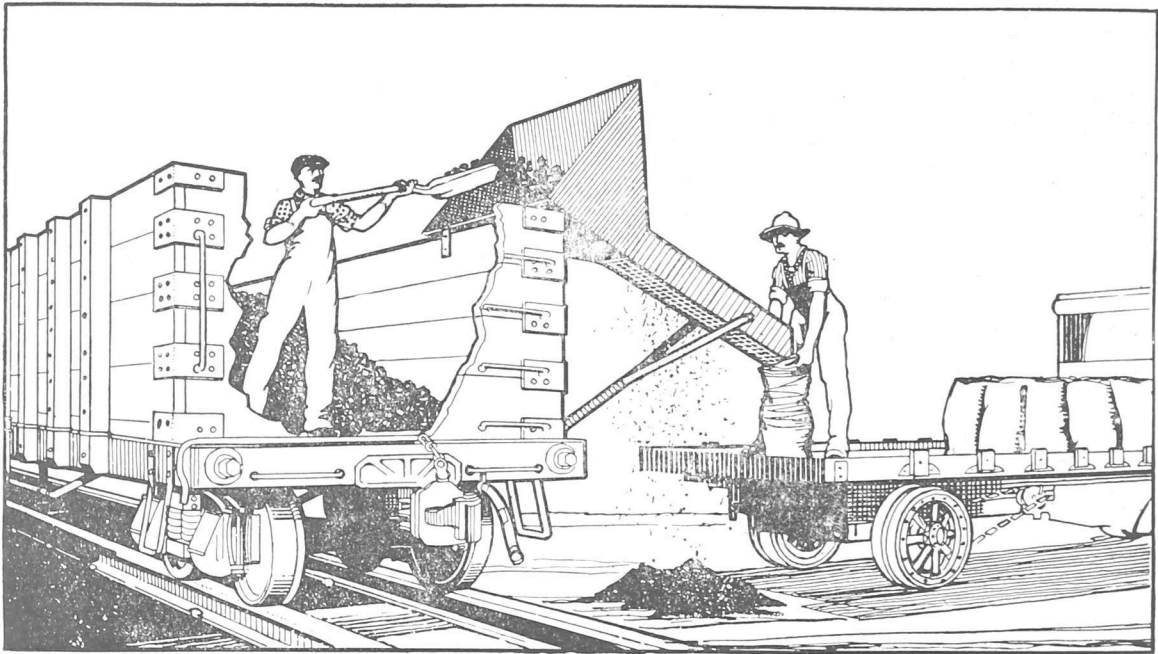
BAGGING SCREEN.



This kind of screen has gained favor with some dealers. It is a good bagging screen, but not quite so handy as No. 318. No. 329A—30x72.....\$12.00

If we don't show it, suggest it.

HOPPER CHUTE.



You will at once see the advantage of this chute. It enables you to bag coal right from the car, or to chute it into the wagon. The hopper is 42 ins. x 30 ins. at the top, making a large-sized mouth that is easy to throw into, and prevents the coal getting spilled over the ground. The chute is 5 feet long over all, and has a screen bottom of any mesh you wish, size 45 ins x 17 in. The hinged leg allows the chute to be placed at any pitch.

	Black.	Galvanized.
No. 328	\$15.00	\$18.00

It pays to study the new things.

WIRE COAL SCREENING.

Space is the clear distance between wires.

Size of Space for Screening Different Sizes of Coal.

For Pea and Buckwheat.....	1/4 in.	space
“ Nut	3/8 in.	“
“ Stove	5/8 in.	“
“ Egg	3/4 in.	“
“ Grate	1 in.	“

Size of Space to Pass Different Sizes of Coal.

Buckwheat	from 3/8 in.	to	1/2 in.
Pea	from 1/2 in.	to	3/4 in.
Nut	from 3/4 in.	to	1 3/8 in.
Stove	from 1 3/8 in.	to	2 in.
Egg	from 2 in.	to	2 3/4 in.

Price List of Screening.

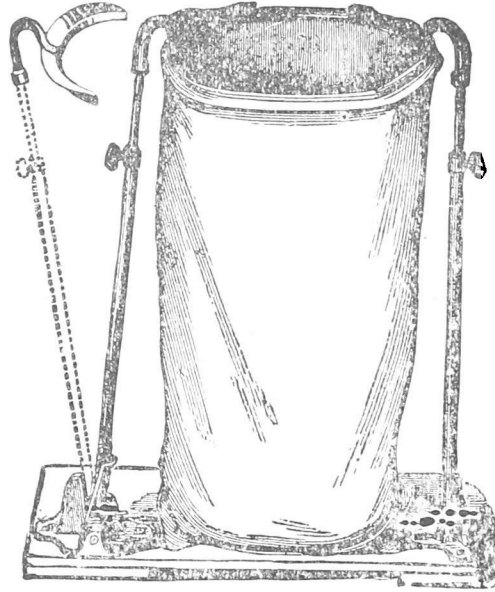
	Price per Sq. Ft.
Pieces containing over 20 sq. ft.....	38c.
Pieces containing less than 20 sq. ft.....	44c.
Pieces containing less than 12 1/2 sq. ft.....	50c.
Pieces containing less than 6 sq. ft.....	55c.

Standard Size Screen Bottoms.

24x51, any mesh.....	\$4.25
30x51, any mesh.....	5.25
32x56, any mesh.....	5.50

“Meadows” always has been the headquarters for Wire Screening.

THE "MEADOWS" BAG HOLDER.



The "Meadows" Bag Holder is made to hold open all sizes of flour or gunny sacks.

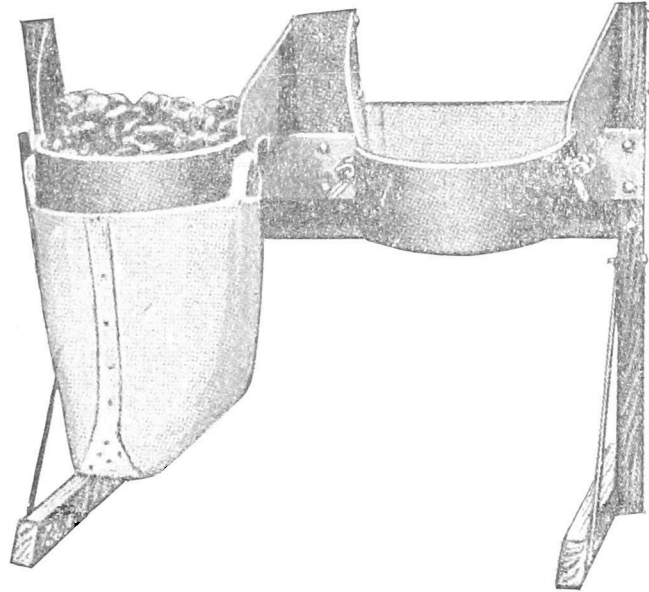
The standards are adjustable to heights from 24 inches to 42 inches. The jaws are hopper-shaped and will not tear the bag, but make a full-sized opening to shovel into.

Takes the place of a man.

The moveable leg is fitted with a strong spring, which holds the bag open.

No. 323 \$3.00

TWIN BAG HOLDER.



This Bag Holder carries the bags on special holders. When the bag is full these holders are tipped over and the bag slides off into the man's hands. It suspends the bag so no shaking to get a full bag is necessary.

If the coal is forked from the pile it can be bagged with this bagger without being screened.

A valuable piece of equipment for most yards.

No. 310 \$12.00

Do you need labor-saving devices?

BAGS.

More and more dealers are using the modern canvas coal bags. They are more easily handled, outlast many of the ordinary gunny bags, give your loads a better appearance, and they save weighing, for there are either

20 bags to the ton, or

16 bags to the ton,

according to whether you use the 100 or 125 lb. bag.



REGULAR SINGLE BOTTOM BAG

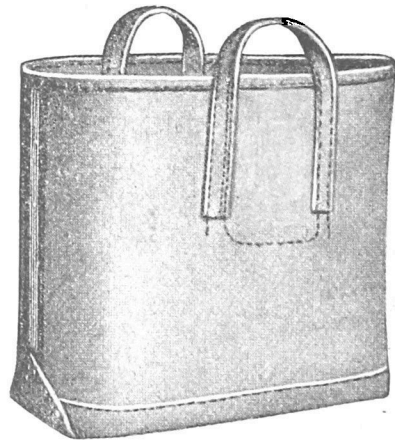
This bag is made of No. 4 hard duck throughout. Has good large canvas handles, each sewed on with heavy cord.

No. 311—Capacity 100 lbs.,
each \$1.15

DOUBLE BOTTOM BAG.

Made of No. 4 duck, the double bottom strongly stitched on, making a very long lasting bag.

No. 312—Capacity 100 lbs.,
each \$1.30



You will eventually equip with this style of Coal Bag.

**SPECIAL
FLAT BOTTOM BAGS.**

This bag is made of best quality hard duck. Sides of No. 6 and bottom of No. 4. Strongly sewed together. Handles large enough to allow a gloved hand to enter freely.

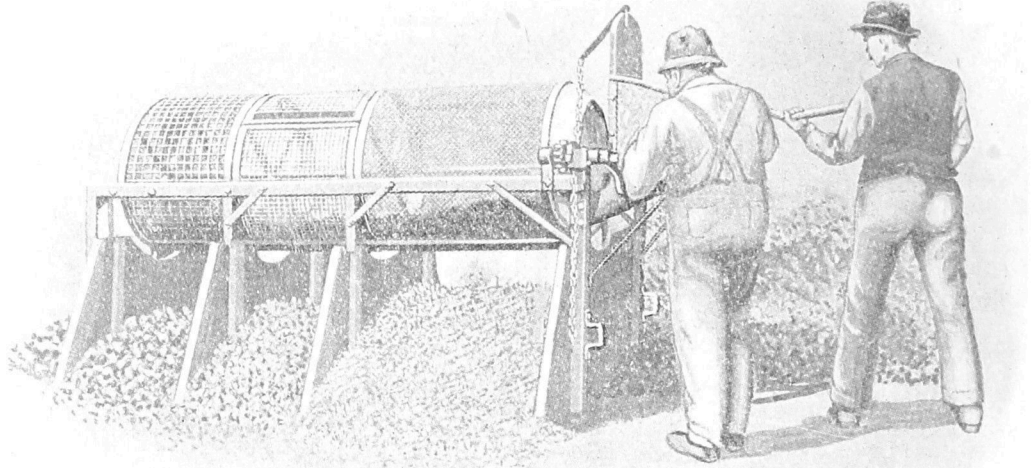
No. 327—Capacity 100 lbs., each.....\$0.95

Samples of this bag will be sent interested parties on request.

PRICE LIST OF EXTRAS.

Extra side handles, per pair.....	\$0.06
Extra handle in bottom of bag, each	0.10
Strap all around, each.....	\$0.12
Sacks of 125 lbs. capacity, each.....	0.18

Send us a trial order anyway.



REVOLVING SCREENS.

There is more money made in utilizing waste products often than in the turnover of the real commodity. But to do so means the employment of special machinery.

Applied to the coal yard, the screenings and sweepings are the waste products, and the Revolving Screen is the machine.

This machine is operated by two men and thoroughly grades the mixed coal at one operation, and in the most convenient manner.

This is the saver for the coal yard.

CONSTRUCTION.

The **frame** is entirely of steel, strongly braced and riveted together.

The **drum** consists of 2- piece circular sections of wire screening, the edges bound with iron straps and angles. They are taken off by removing six bolts. The sections are held in place by steel spiders keyed to the shaft.

The **hopper** is of galvanized iron, large size, and sloped so as to feed in the coal at the correct rate.

The machine is driven by a standard sprocket chain running on cast-iron sprockets. The hand crank is counterbalanced. All bearings are fitted with grease cups.

OPERATION.

The screenings are shoveled into the hopper and the feed is regulated by the sliding gate. About 8 tons per hour can be screened satisfactorily.

We do not supply the partitions. They can be cheaply made by your own help and bolted through the holes in the legs.

PERFORMANCE.

Can you afford to save?

The following schedule shows the results obtained by a Toronto Coal Dealer using one of our Revolving Screens. He screened 2,550 lbs. of sweepings and screenings and got—

600 lbs. of Nut
 380 lbs. of Pea
 380 lbs. of Buckwheat
 1190 lbs. of Screenings

2550 lbs.

FIGURE THIS OUT AT YOUR OWN PRICES.

(These prices may differ from your selling prices.)

600 lbs. Nut, at \$7.00 per ton.....	\$2.10
380 lbs. Pea, at \$6.00 per ton.....	1.14
380 lbs. Buckwheat, at \$4.50 per ton.....	.86
1190 lbs. Screenings, at \$2.00 per ton.....	1.20

Total value of graded coal.....	\$5.30
2550 lbs. Screenings, at \$2.00 per ton.....	2.55

Increase in value of coal.....	\$2.75

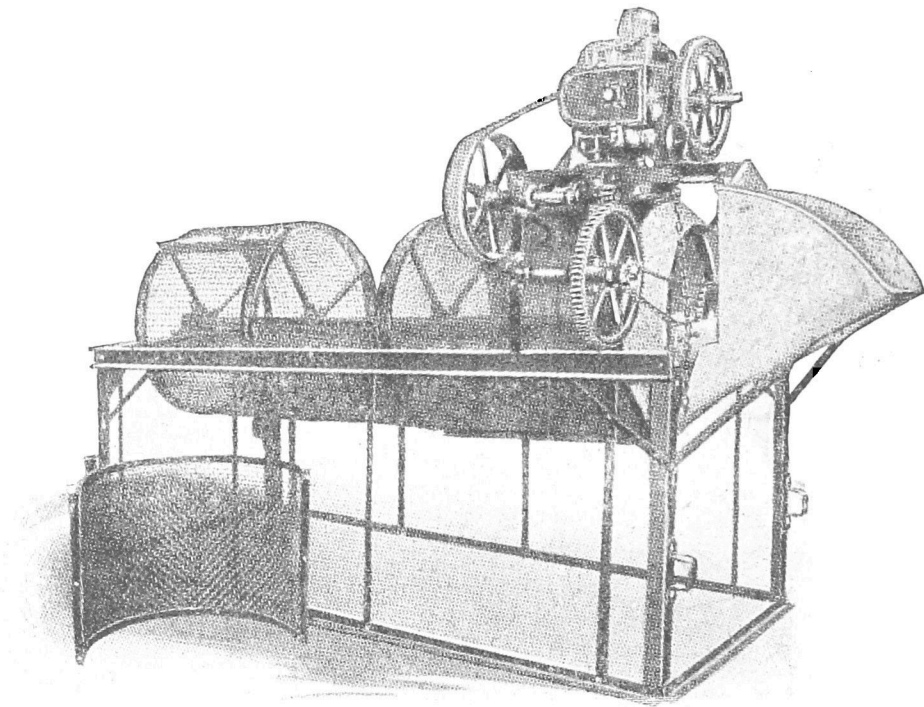
from which must be deducted the cost of labor in screening to get the net saving. **IS IT WORTH IT?**

PRICE OF HAND POWER SCREENS COMPLETE.

	Diam.	Length of Sections.			Price.
		1st.	2nd.	3rd.	
No. 315A	24	30	24	—	\$61.00
No. 315D	24	30	24	24	73.00
No. 315H	30	30	24	24	85.00

(Extra for equipping machine with wheels, \$13.00.)

POWER SCREENS.

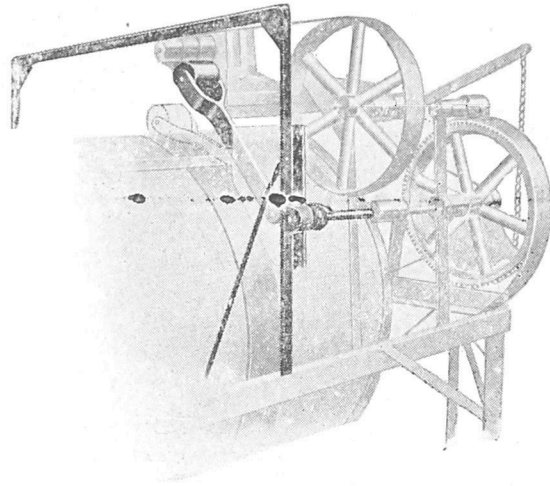


Any of our revolving screens may be adapted for driving by power. The attachment is fastened to the frame by four bolts, and the motor is carried on the platform, as shown.

The screen drum should run at about 15 to 20 r.p.m., and in order to attain this send us the speed of your motor when ordering power attachment.

Price of Power Attachment, without motor.....\$35.00

State whether gasoline or electric motor will be used for the drive.



The power attachment includes the "Auto-Cleaner," as shown above. This prevents the fine mesh in the first section from getting clogged.

The screen combination usually supplied on the Revolving Screens is:—

1st Section, $\frac{1}{4}$ " space, 30 inches long

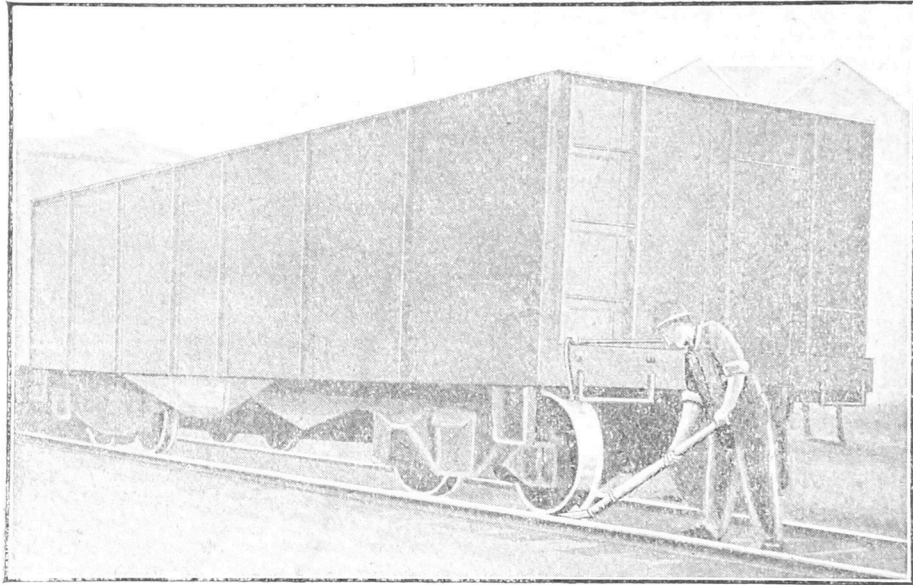
2nd Section, $\frac{1}{2}$ " space, 24 inches long

3rd Section, $\frac{7}{8}$ " space, 24 inches long

We can supply extra sections of any mesh. Prices on application.

We are organized to build all kinds of Revolving Screen Drums, and will be pleased to quote prices.

“IDEAL” CAR MOVER.

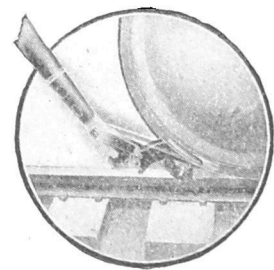


The design of this mover makes it possible to move the heaviest car with comparatively little effort. All the castings are of high-grade malleable iron, and the handle is of straight-grained hard maple. Altogether it is a strong, well-balanced tool, made for the hard service it will get.

The spurs which grip the rail are of hardened crucible steel, and when the corners get rounded off the spurs may be turned and new edges brought to bear on the rail. An extra set of spurs goes with each mover.

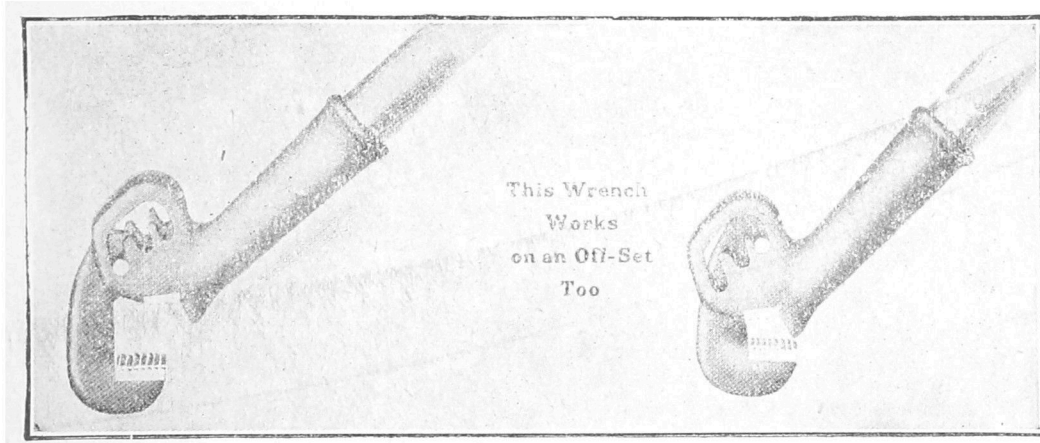
The pressure is transmitted through the gears to the pushing knee.

The Ideal Car Mover saves you time, and that means money.



No. 317Price, **\$6.00**

“IDEAL” CAR WRENCH.



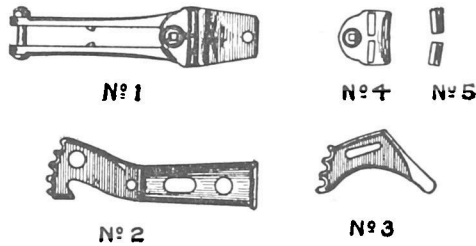
This Wrench is both light and strong, two essentials of a useful tool. The triple adjustment allows it to turn all the different sized taps used on cars, and the design of the wrench gives instant release when the tap spins, thus preventing frequently occurring accidents.

The new style wrench has malleable socket, with tempered steel tooth plate, and drop-forged steel, loose jaw with the teeth machined into itself, thus doing away with the second loose tooth plate, and also making a wrench less liable to breakage.

No. 324Price, \$6.00

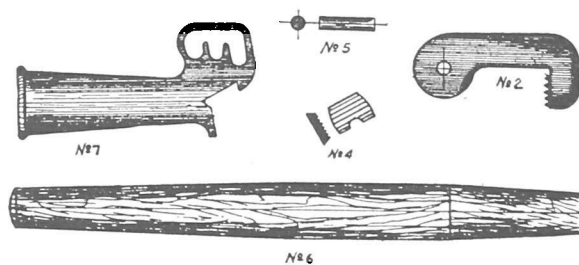
REPAIRS FOR MOVER.

Repair Part List



No. 1—Shoe with Bolt.....	\$2.50
No. 2—Socket complete	2.50
No. 3—Arch Lever or Knee.....	1.25
No. 4—Spur Clamp, with Bolt.....	.50
No. 5—Spurs, per set.....	.25
Handle	1.70

REPAIRS FOR WRENCH.



Price List.

No. 1—Socket	\$2.75
No. 2—Loose Jaw	2.25
No. 4—Tooth Plate75
No. 5—Pin15
No. 6—Handle	1.50

TRUCK SHOVEL.



If you get your coal in box cars this shovel will save you lots of money. It carries 200 lbs. of coal a trip as against about 20 in an ordinary scoop. Think of the time it saves!

Shove it into the pile as far as you can, fill up with breakdown shovel and wheel away as you would an ordinary truck.

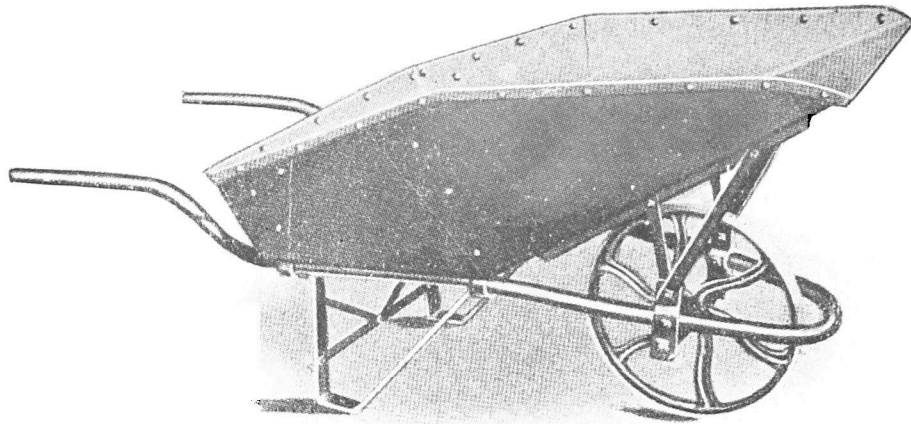
Runs on a twelve-inch board.

The best way is to build a runway from the car to the dump, or to where you load the wagons.

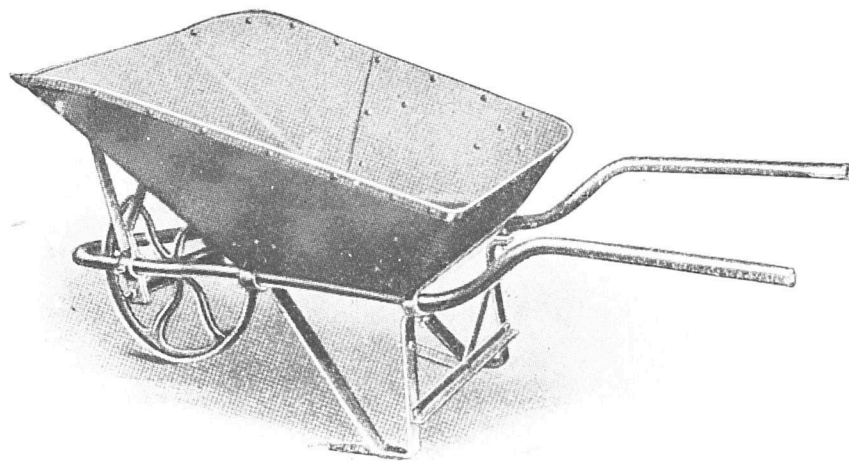
No. 304 Each, **\$12.00**

You can load a wagon in a very few minutes with this shovel.

STEEL WHEELBARROWS.

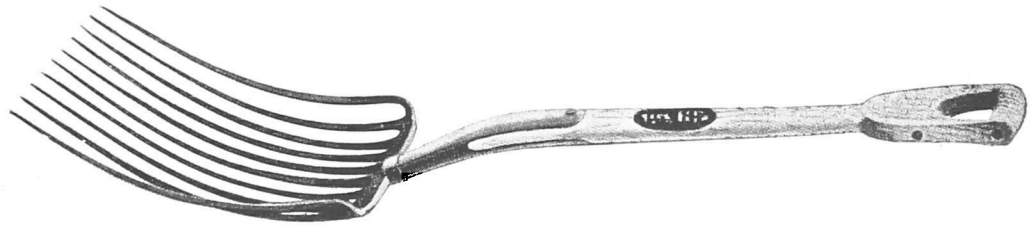


No. 330—Forward Dump Wheelbarrow. Made of steel throughout. Perfectly balanced over wheel when loaded. This barrow has a tapered mouth for dumping into windows. Prices quoted on request.



No. 331—Steel Coal Barrow. Made in sizes to carry from 250 to 500 lbs. coal. It is balanced so that the load is over the wheel. Prices on request.

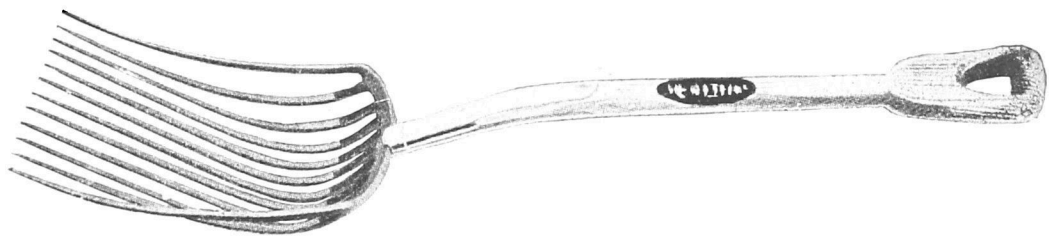
COAL AND COKE FORKS.



These Forks are forged from high carbon tool steel and carefully tempered. They have the proper hang and the tines are formed to lie flat along the ground.

No.	No. Tines	Space between Tines	Width	Price
321B	12	1¼ in.	18 in.	2.35 each
321C	12	7⁄8 in.	13 in.	2.35 each
321D	14	5⁄8 in.	12½ in.	2.75 each
321E	14	¾ in.	14 in.	2.75 each
321F	16	5⁄8 in.	14 in.	3.40 each
321G	16	7⁄8 in.	18 in.	3.40 each

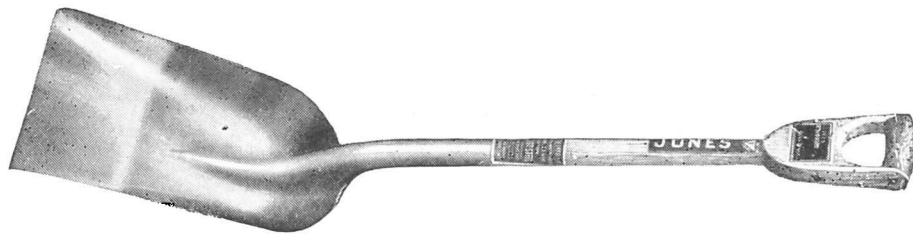
COAL SCOOP FORKS.



This Scoop Fork is being used largely in place of the solid scoop. It handles a large load without spilling, and is more easily shoved into the pile. Moreover, it cleans the coal as it is being forked, and often renders screening unnecessary.

No.	No. Tines	Space between Tines	Width	Price
322B	12	1 in.	16 in.	2.35 each
322C	12	7⁄8 in.	13½ in.	2.35 each
322D	14	¾ in.	14 in.	2.75 each
322G	14	5⁄8 in.	12 in.	2.85 each
322E	16	¾ in.	16 in.	3.40 each
322F	16	5⁄8 in.	14 in.	3.40 each

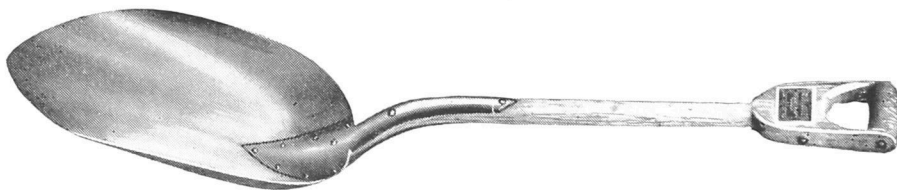
“CANADIAN” SOCKET SCOOPS.



A Canadian made Coal Scoop formed from one piece of carefully tempered solid steel with a selected Ash Handle. Guaranteed against defects in material or workmanship.

No.	Size No.	Size.	
319A	4	12x15	} Prices on application.
319B	5	12x16	
319C	6	12x17	
319D	8	13x18	

“CANADIAN” BREAKDOWN SHOVELS.



This Shovel has a specially tempered and reinforced steel blade to stand the prying and breaking down. The shape makes digging easy.

No.	Size No.	Size.	
320A	6	12½x17	(Price on application.)

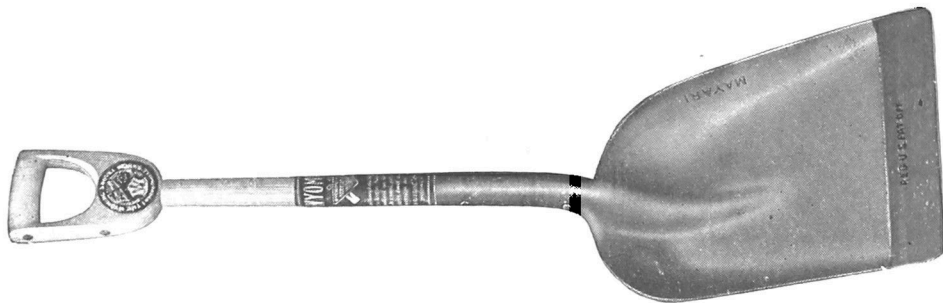
On account of the present unstable condition of the shovel market, we refrain from listing prices. See special insert with this Catalogue.

“MAYARI” RED-EDGE SHOVELS.

Have you felt the need of better Shovels and Scoops? Would you buy and use a scoop that would hold its size, that would not buckle or crack up the blade, that was absolutely guaranteed to be perfectly satisfactory under every condition of service?

The Mayari Red-Edgers are all that and more. They are made of special chrome nickel steel and will nick deeply an ordinary scoop if the edges are brought forcibly together without making any impression on itself.

“MAYARI” SOCKET SCOOP.



Well Balanced—Easy to Use.

Chrome nickel blade, heat treated, that won't distend or get those curled-up edges that waste so much shoveling time.

	Size. No.	Size.	} Prices on application.
No. 333A	6	12x17	
No. 333B	7	13x17	
No. 333C	8	13x18	

“MAYARI” BREAKDOWN SCOOP.



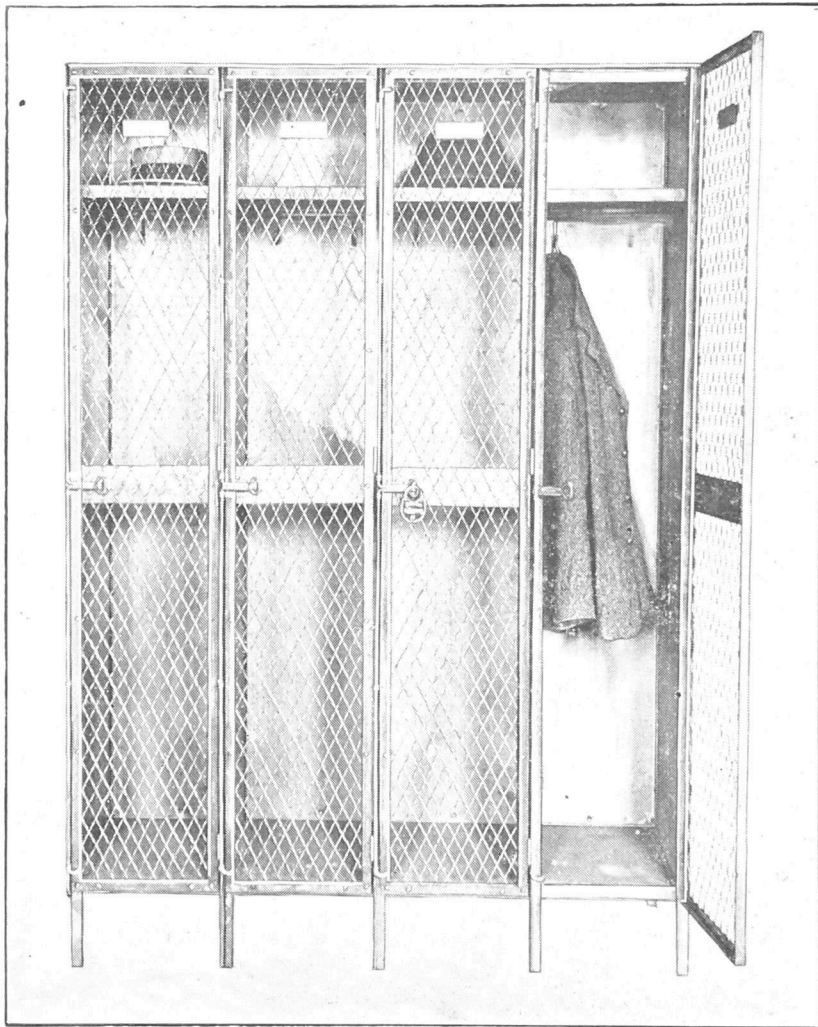
A necessary shovel—but its usefulness is gone when the point is worn. Chrome nickel steel—makes your point stay.

	Size. No.	Size.	} Prices on application.
No. 334A	6	12 $\frac{1}{2}$ x17	

The handles of Red Edge Shovels and Scoops are made of selected XX second growth Northern White Ash.

On account of the present unstable condition of the shovel market, we refrain from listing prices. See special insert with this Catalogue.

STEEL CLOTHES LOCKERS.



An installation of Steel Lockers for employees' clothes is considered necessary in up-to-date coal yards. They furnish clean, dry places for the men's clothing, prevent petty thieving, and give an air of neatness and order to the place. You will be surprised at the low prices we will be able to quote you on Lockers. Write to-day, stating the number required.

Departments *of* Our Factory

BANK AND OFFICE FITTINGS DEPARTMENT.—Counter Railings, Teller's Cages in Brass, Bronze, Steel and Electro-oxidized effects; Brass Cheque Scoops, Wickets, Signs, Name Plates, Window Screens, Elevator Cars and Enclosures, Collapsible Gates, Bronze Castings, Electro-plating.

LOCKER AND SHELVING DEPARTMENT—Wire Mesh and Sheet Steel Clothes Lockers for Factories, Clubs, Offices and Gymnasiums. Special Sheet Steel Cabinets and Boxes, Steel Drawers, Steel Factory Shelving, Steel Library Stacks.

STAIR AND STRUCTURAL DEPARTMENT.—Iron Stairs, Iron Marquises, Iron Balconies, Shipping Hoods, Greenhouse Roofs.

WROUGHT IRON DEPARTMENT.—Ornamental Iron Fencing and Gates, Arches, Balcony Railings, Stair Railings, Iron Shutters and Doors, Tower Finials, Fire Escapes, Brackets, Lamp Standards and Brackets, Window Guards, Lock-up Doors, Lavatory Partitions, Builders' Ironwork.

WIRE DEPARTMENT.—Wire Fencing, Gates, Partitions for Factories, Window Guards, Desk Railings, Lawn Trellises, Steamboat Railings, Wire Signs, Children's Cots, Wire Baskets and Specialties.

COAL DEALERS' SUPPLIES DEPARTMENT.—Screens, Chutes, Bags, Bag Holders, etc.