

Suitable only for Roofs, pitch of three and one-half inches
or more to the foot.

HYNDMAN'S
IMPROVED
METAL SHINGLES,
— FOR —
ROOFING AND SIDING.

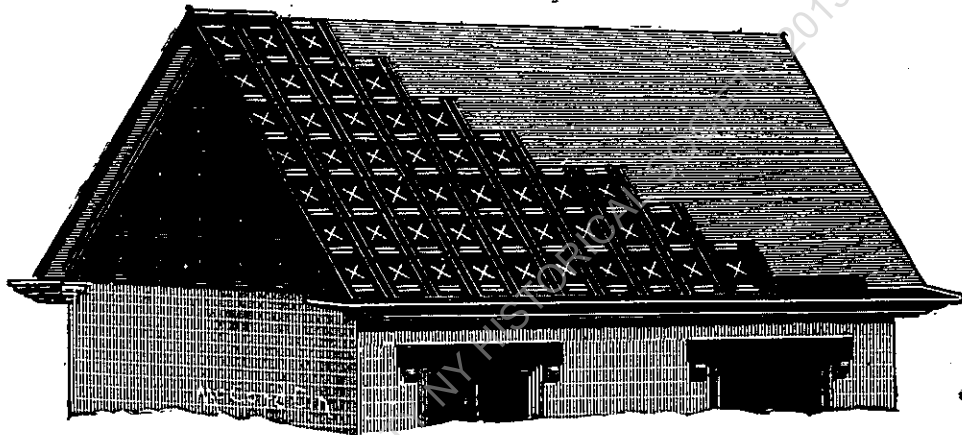


Fig. 1.

Shingles as applied to Roof and Sides of Building.

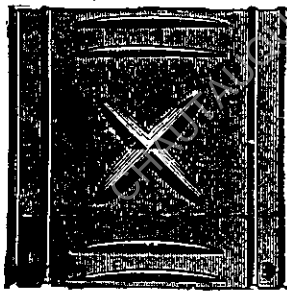


Fig. 2.

A shingle, showing loose
cleat, position of nailing it,
and slots.

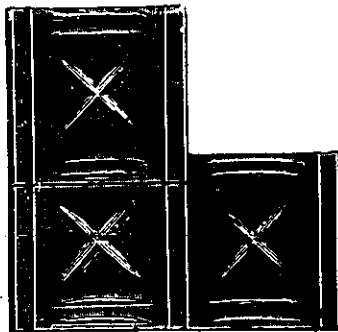


Fig. 3.

Shows three shingles in
process of being laid.

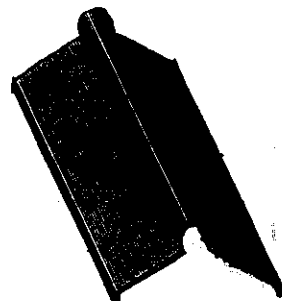


Fig. 4.

Capping used to
finish comb.

IRON SHINGLES.

These shingles are made of the best box-annealed roofing iron,
of 27 gauge; they are 15 inches square, and cover 12 inches square
when laid; they are formed into shape shown, have the slot in lower

left hand corner; in right hand corner is depression, showing position for the nailing of the loose cleat, which is also furnished. These sheets and cleats are **well painted both sides**, with the best brown metallic paint.

TIN SHINGLES

Of same size and shape, are made of the IC charcoal plates of the very best quality; we furnish them painted or unpainted.

A SQUARE.

These shingles are furnished by the square; a square consists of one hundred shingles, each of which covers one square foot, together with cleats and wire barbed nails sufficient to fasten same; also enough dry metallic paint, which, when mixed with oil, will form enough paint for another coat after laying.

RULES FOR LAYING.

(Standing at eave, facing up the roof.) Commence at lower left hand corner, bend the shingle $1\frac{1}{4}$ inches over the edge and nail, at the same time projecting over the gutter lining 2 or 3 inches; then through the lower right hand corner, nail a cleat; then placing the slot of next shingle over the up-turned edge of the cleat, force this shingle down securely over the previous one, and bend the cleat over it firmly against the shingle, thus securing that corner of the second shingle, without any exposed nails; continue in like manner the remainder of the course; the upper ends of shingles may be nailed within 1 inch of upper edge, if so desired, before laying on the next course.

VALLEYS—We prepare, of tin or iron, as desired, of any length wanted; the shingles are laid over them just as slates or wooden shingles.

HIPS—Are treated just as you would in laying wood shingles or slates.

RIDGE.—Capping is prepared as shown in fig. 4. Price 10 cts. per foot, for painted iron.

—MANUFACTURED BY—

W. G. HYNDMAN & CO.,

Nos. 52 and 54 East Second Street,

Send for Prices.

CINCINNATI, O.

P. S.—We still manufacture our other Standard Roofings; see regular circular.

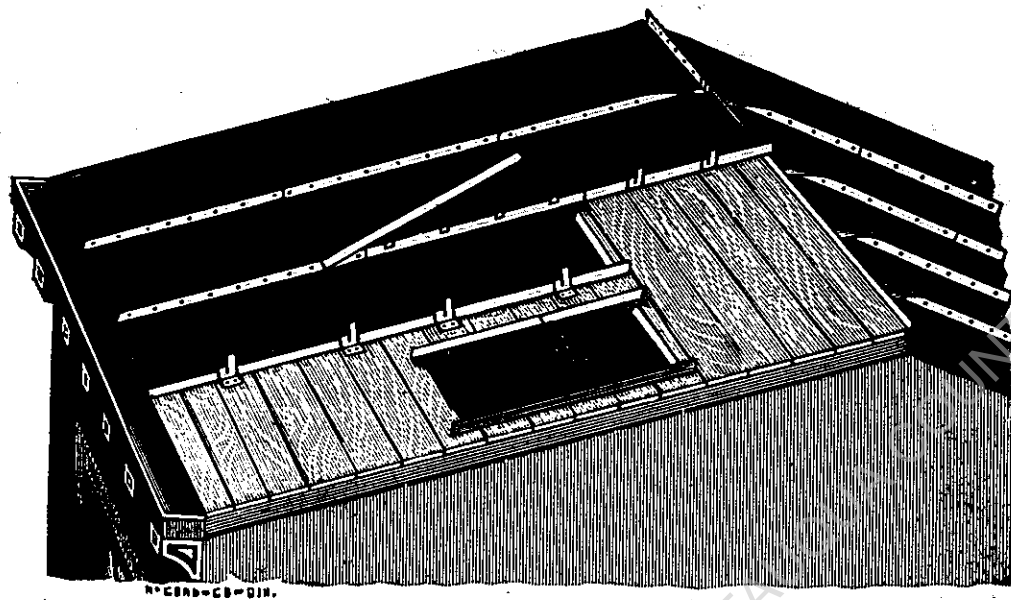
HYNDMAN'S

"BUCKEYE" STANDING SEAM IRON ROOFING,

FOR USE ON SHEATHING BOARDS.

FIG. 1.
"BUCKEYE" STANDING SEAM ROOFING.
IN SHEETS.

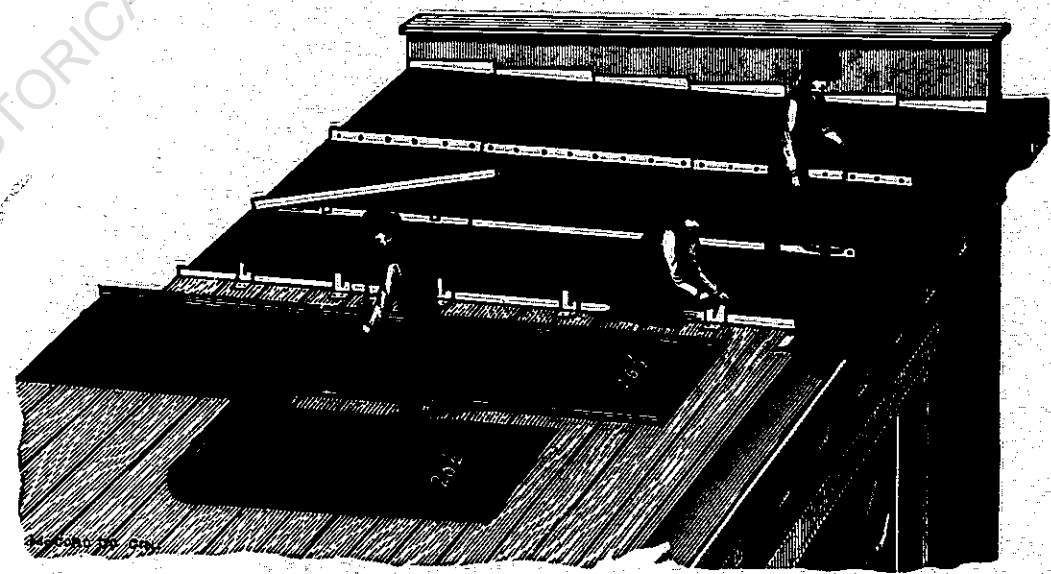
For use on Roofs of Pitch of 2 in. or more to the Foot.



SIZE:—COVERING WIDTH, 26½ inches. LENGTHS—Regular, 8 ft.; Special, 10 feet; 9 ft.

FIG. 2.
"BUCKEYE" STANDING SEAM ROOFING.
IN ROLLS.

For use on Roofs of Pitch of ½ in. or more to the foot.



SIZE:—ROLLS cover 26½ inches wide after turning up; one square in roll.

All the iron is well painted on both sides with best metallic paint.

SQUARE:—Enough iron either in rolls or in sheets to cover 100 square feet on a plain roof, together with caps, cleats, nails and dry paint.
TOOLS furnished *when ordered*, and charged in bill; *they must be returned* (free of charges), and the cost will then be refunded.

←+ MANUFACTURED BY +→

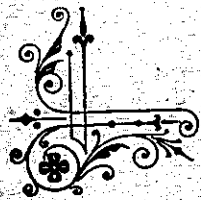
W. G. HYNDMAN & CO., 52 and 54 E. Second Street, CINCINNATI, O.

✉ WRITE FOR PRICES. ✉



CHEAP
 STANDING SEAM
 IRON ROOFING

MANUFACTURED BY
 W. G. HYNDMAN & CO.,
 CINCINNATI, O.



“BUCKEYE”

STANDING SEAM

IRON ROOFING.

Best and Cheapest Standing Seam
 Iron Roofing in the Market.

MANUFACTURED ONLY BY
W. G. Hyndman & Co.

52 and 54 E. SECOND STREET,
 CINCINNATI, OHIO.

See also Special Circular of Metal Shingles.

HYNDMAN'S IRON ROOFING & SIDING.

V Grimp—Corrugated—New Style—Roll and Cap.

FOR

Cotton Gins,

SHEDS,

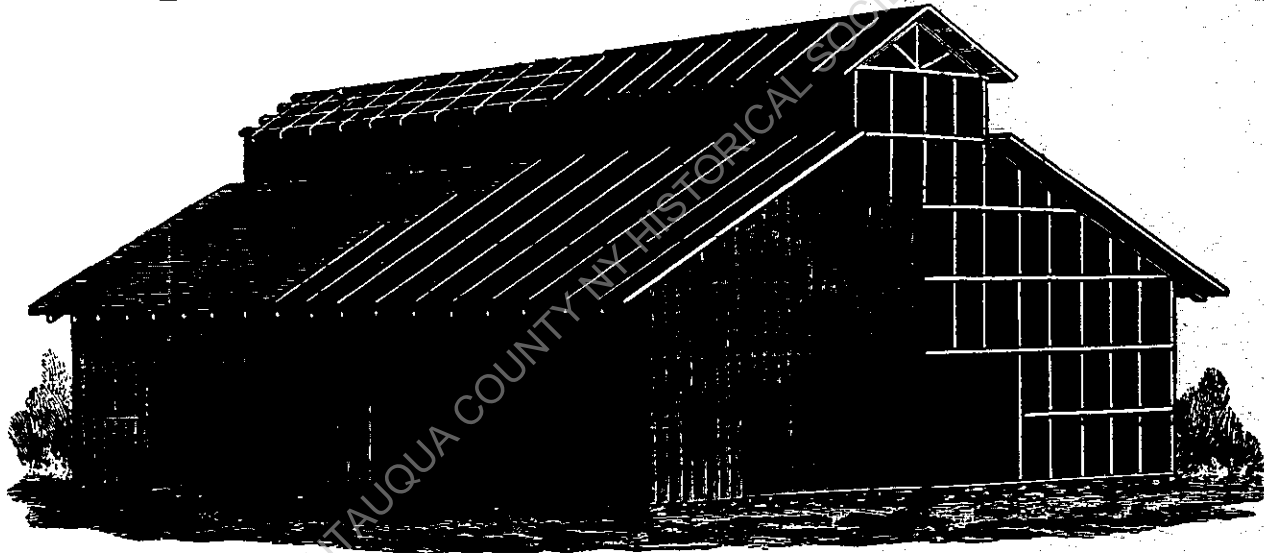
OIL MILLS,

Factories,

Etc.

FIRE-PROOF.

WATER-PROOF.



FOR

SAW MILLS,

Stores,

Railroad

Depots,

SHOPS,

Etc.

WIND-PROOF.

RUST-PROOF.

MANUFACTURED BY

W. G. HYNDMAN & CO.,

52 AND 54 EAST SECOND STREET,

CINCINNATI, O.

Send for Prices.

HYNDMAN'S PATENT

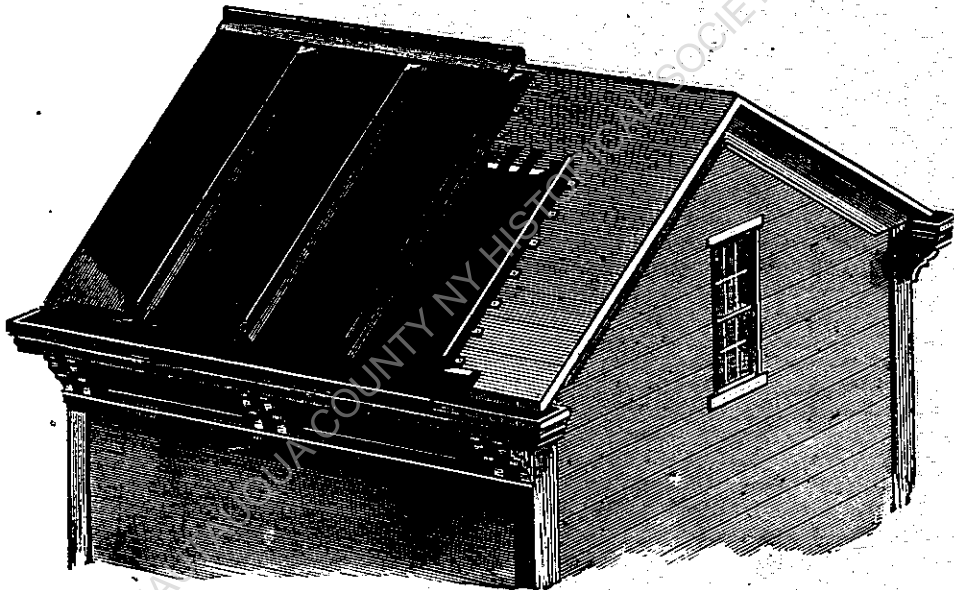
"New Style" Standing Seam

SHEET IRON ROOFING

PATENTED DECEMBER 10, 1878.

SHEET AND CAP IN ONE PIECE—NO CAPS TO GET LOOSE.

SHEETS EIGHT FEET LONG, COVER TWO FEET WIDE.



Above cut shows the Roofing laid upon sheathing boards.



Cross-section of one sheet—showing one seam closed, one seam open.

DESCRIPTION OF SHEETS.

From the peculiar form of our Roofing Sheets, they are required to stand the most severe test—that of close seaming "with" the fiber of the iron. We, therefore, use nothing but the very best quality of refined iron—made expressly for our Roofing. This iron is exceedingly soft and pliable, and is perfectly clean and free from scale.

The Sheets are of the standard roofing gauge No. 26, being 96 inches by 26 inches. They are trimmed perfectly square and true—both sides and ends, the cleats riveted to them, one foot apart, and then being formed into shape, each sheet presents a surface 8 FEET LONG BY 2 FEET FROM CENTER TO CENTER OF CRIMP. They are thoroughly coated on both sides with the best metallic paint (an "iron oxide," mixed with pure linseed oil). This paint is allowed to become thoroughly dry before handling—it adheres to the iron with great tenacity, soon becoming as hard as the iron itself. This Roofing is usually laid upon close sheathing—rough boards, of even thickness, answer the purpose; it can also be laid upon sheathing boards or laths, placed in the same manner as for shingles or slates.

A SQUARE

Consists of $6\frac{1}{2}$ sheets 8 feet long, painted iron (or 50 running feet, covering 2 feet wide), 1 pound dry paint, one-half pound $1\frac{1}{2}$ inch wire-barbed nails, 12 cleats (for insertions in end locks).

TURNING IRON to make end lock, and SAMPLE showing how to make lock joint, furnished free when ordered.

Tools Required for New-Style Roofing.



SEAMER.

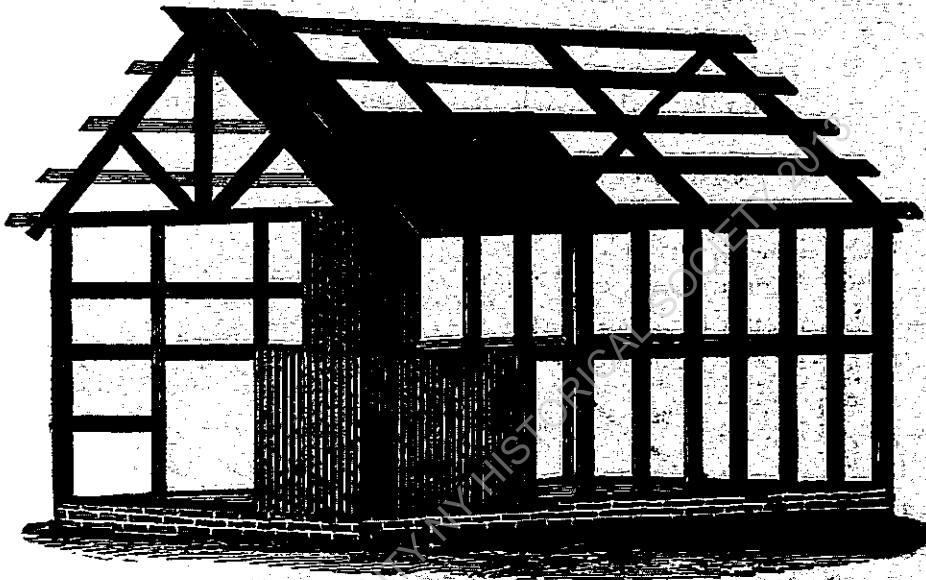
In laying our "New-Style" Roofing, a pair of tinner's hand-shears, a wooden mallet, a hand-hammer and a seamer are required. Where parties are not able to obtain the shears and mallet, we furnish them at cost price. The "seamer" we have constructed especially for closing the caps of our "New-Style" Roofing. It will do the work more perfectly and rapidly than can be done by the use of the mallet. We send it with each lot of this Roofing, charging for it \$2.00. Where parties return it to us (after using it), prepaying the express charges, we will remit them the first cost (\$2.00).

For prices address

W. G. HYNDMAN & CO.,

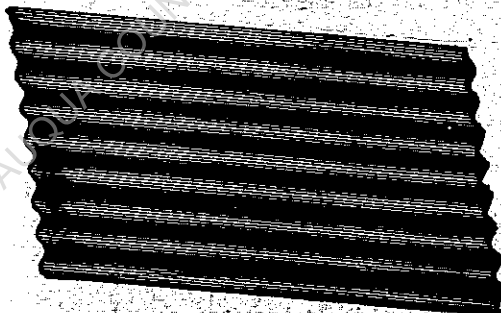
52 and 54 East Second Street, - - CINCINNATI, O.

STRAIGHT AND CURVED
Corrugated
IRON ROOFING AND SIDING.



Regular Gauge

No. 26.



Heavier Gauges

TO ORDER.

Regular sheets 8 feet long, and cover 24 inches in width. Corrugations 3 inches from centers, full five-eighths inch deep. Sheets furnished 10 feet, 9 feet, 8 feet, 7 feet, 6 feet, 5 feet, 4 feet and 3 feet long.

This Roofing is made from the best box-annealed iron, which is perfectly free from scale. It is formed into shape by a machine which presses the corrugations one at a time, makes the corrugations of the same depth throughout the length of the sheets, and makes a sheet of perfect edges and free from buckle. It is painted on both sides with the best metallic paint, is packed in boxes for shipment, thus securing the lowest rates of freight, and is delivered free on board cars or boat.

All our Corrugated Iron is sold by the square. A square consists of 6½ sheets 8 feet long, or 50 running feet of other regular lengths (sheets all cover 2 feet wide); together with 1 pound wire-barbed nails and 1 pound dry paint.

For Fastening the Corrugated Iron we use WIRE-BARBED NAILS, which can be driven through several thicknesses of Iron, without punching.—See Fig. 3, manner of nailing.



Fig. 3.

WOODEN STRIPS.

To properly support the side laps of corrugated sheets, and to enable the nailing of these laps near the highest point of the corrugations, we have provided wooden strips, cross-section of which is shown in Fig. 4; also, point of nailing. These strips are furnished **only when ordered**, they cost 25 cents for each square of roofing.



Fig. 4.

CAPPING.

To properly finish the comb, capping or ridging is furnished—as shown in Fig. 5; to enable the proper nailing of the ridging, the ridge timber shown in Fig. 6 is used. Capping is worth 10 cents per lineal foot and ridge timbers 5 cents per lineal foot. These are sent **only when ordered**.



Fig. 5.



Fig. 6.

ESTIMATED SHIPPING WEIGHTS OF CORRUGATED ROOFING.		Net Measurement.
No. 26,	.	90 lbs. to the 100 sq. ft.
24,	.	115 " " "
22,	.	140 " " "

For galvanized iron, add seven per cent.

SHEETS CURVED TO ANY RADIUS OR SHAPE.

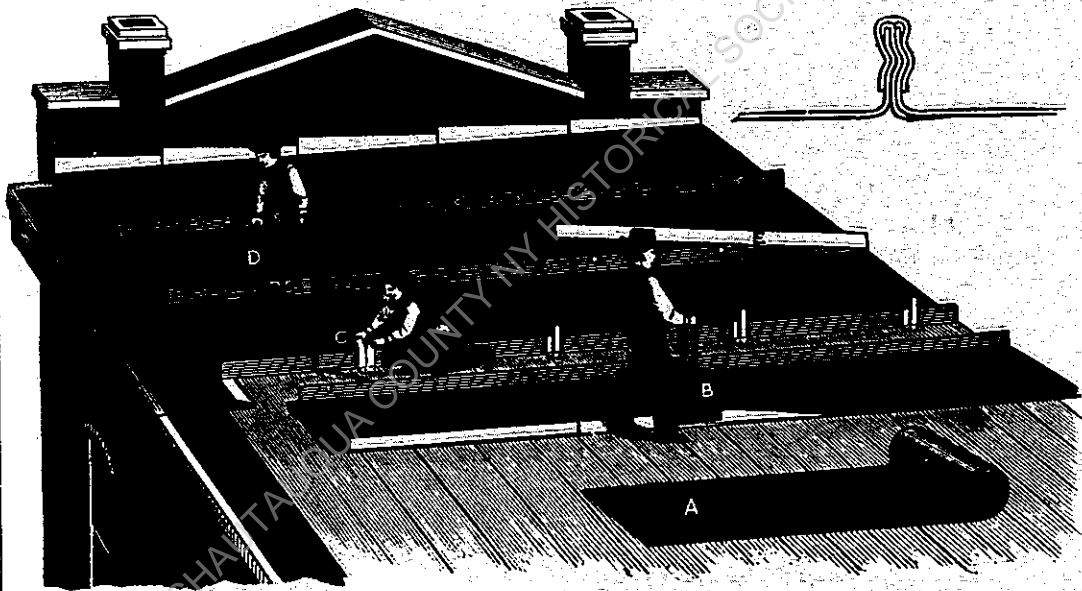
W. G. HYNDMAN & CO.,

52 and 54 East Second Street, CINCINNATI, O.

HYNDMAN'S

—IMPROVED—

ROLL AND CAP ROOFING.



This "Roll and Cap" Roofing is made from the very best roofing iron, the sheets being trimmed perfectly square and true on both their sides and their ends; the sheets are well painted on both sides with the best metallic paint, the ends being turned and locked together and put up for shipment in rolls 100 feet long, if not otherwise ordered. The iron is all twenty-six inches wide in the rolls, thus *covering twenty-four inches* in width, when formed up on the roof.

The caps necessary to cover the seams are turned the shape shown at E—Fig. 1; they are twenty-six inches long, covering twenty-four inches of the seam (lap two inches); the cleats are cut the required length; the *caps, cleats and nails* for fastening, together with dry paint sufficient, when mixed with oil, to make paint for a second coat after laying, are shipped with the Roofing and are included in prices quoted.

TOOLS REQUIRED.

	PRICE.
1. A pair turning tongs,	\$2 50
2. A countersinking tool,	2 50
3. A pair hand-shears,	1 50
4. A wooden mallet,	25
5. A hammer.	

The first two tools are invariably shipped with this Roofing (where parties have not already received them), and are charged at the prices mentioned; upon completion of the work, they can be returned (freight or express charges prepaid), and the cost will be refunded or credited. The other tools are *not* sent *unless ordered*.

INSTRUCTIONS FOR LAYING.

Unroll the Roofing, and cut the courses the desired lengths. By means of the turning tongs, turn up each side of a course one inch, as shown in B—Fig. 1, notching the ends for turning down. Fasten the courses by means of the cleats, as shown at C—Fig. 1; slitting the cleats, turning one-half down over one course, the other half over the other course, putting the cleats ten or twelve inches apart. Then having placed the caps (see E—Fig. 1) securely on the seams, commencing at the bottom of the course and lapping each successive cap two inches over the one next below it, fasten the whole by means of the countersinking tool, as shown at D.

NOTES.

If there is a piece of iron left after cutting full length courses from a roll, it can be locked into the next roll used.

The flashing of walls, chimneys, skylights, etc., is done the same as with tin roofing.

The iron must be turned down about an inch on the ends of the courses (when there is no gutter lining), also at the top of each course and on the sides of the roof.

Where there is a ridge on the roof, the ridge can be covered with a comb strip; or the whole course on both sides of the ridge can be cut from the same roll, *provided* the roll be *cut* near the ridge and the course on one side be turned over.

NOTE

When ordering, SPECIFY WHICH KIND OF ROOFING is wanted; if figuring AMOUNT wanted in SQUARES, be sure to make allowance for end laps, turn downs at eaves and edges, and waste in cutting. WHEN MEASUREMENTS ARE GIVEN TO US, we make all due allowance for such loss in laying by adding from two to five per cent. to the net measurement of roof.

HYNDMAN'S "OLD STYLE" V CRIMP IRON ROOFING

CAN BE LAID ON RAFTERS OR SHEATHING.

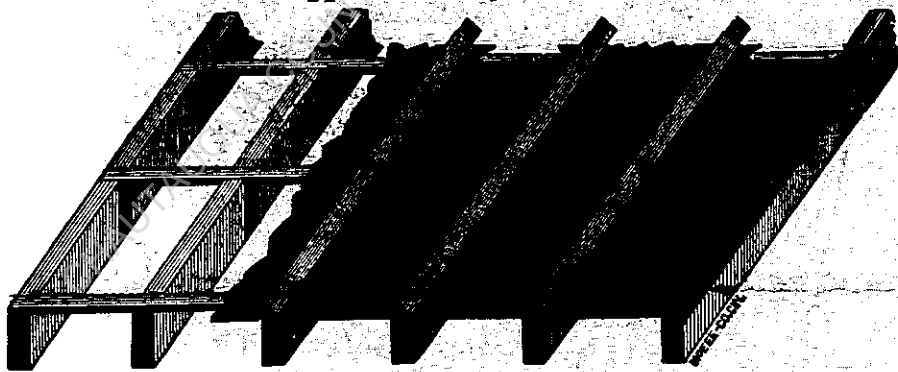
Sheets Eight Feet Long, Cover Two Feet Wide.

PAINTED BOTH SIDES, BEST METALLIC PAINT.

Application on sheathing Boards.



Application on Rafters.



Capping.

This Capping is sold at same price per square foot as Roofing.

Two-thirds of a square foot to each lineal foot.

A SQUARE

Consists of $6\frac{1}{2}$ sheets 8 feet long (or 50 running feet of iron, covering 2 feet wide), together with 50 feet wooden strips, two-thirds pound wire-barbed nails and 1 pound dry paint.

P. S.—Lead Washers furnished at 25 Cents per Pound.