



UNION IRON AND WOOD PLANES



UNION MFG. CO.

NEW BRITAIN, CONN., U. S. A.

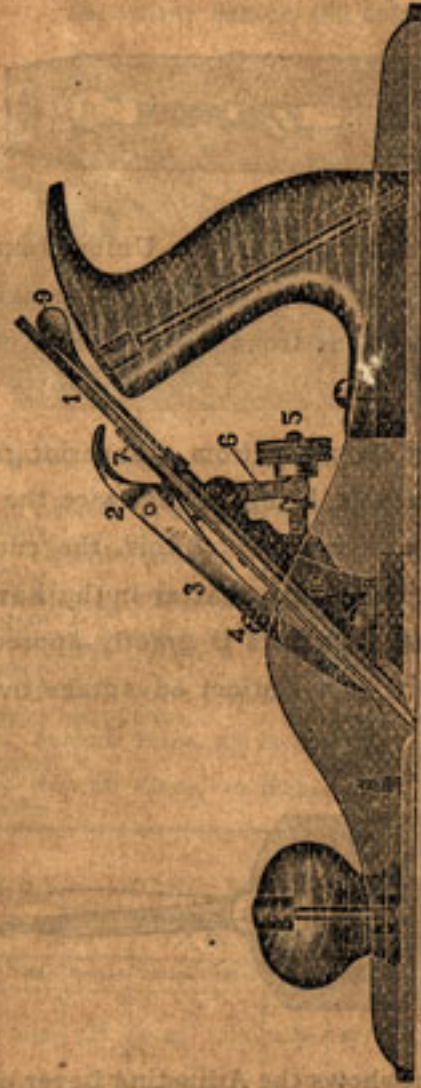
WAREHOUSE: 109 CHAMBERS ST., NEW YORK.

NOTE.

ALL PLANE IRONS STAMPED
"UNION"
ARE FULLY GUARANTEED.

Adkins Printing Company
New Britain, Conn.

Union Adjustable Iron Planes.



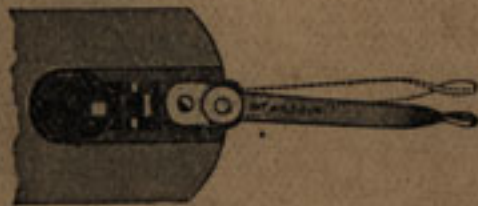
The above cut illustrates the Union Jack Plane, No. 5, and shows the position of all the parts of the Plane.

Union Improved Plane Iron.



The above cut represents the Union Improved Plane Iron and Cap used in Union Planes. The name "Union" stamped on all our Plane Irons is a guarantee of quality.

These cutters are made from a superior grade of steel. They are **extra heavy**, being nearly twice the thickness of the ordinary cutter. Because of this, the cutting edge is firm and solid, and **will not chatter** in the **hardest woods**. This point in **Union Cutters** is greatly appreciated by all who use them, as it is a distinct advantage over any other Plane made.



The above cut shows the Adjusting Lever used in Union Planes, and the method by which the Iron can be easily adjusted sidewise, giving an easy lateral adjustment.

Union Adjustable Iron Planes.

MAHOAGANY HANDLE AND KNOB.

Patented October 22, 1889.



	Dollars.	Sterling.
Union No. 0. Smooth Plane, 5½ inches long, 1¼ inch Cutter, each,	\$2.25	9/5
Union No. 2. Smooth Plane, 7 inches long, 1¼ inch Cutter, each,	2.75	11/6
Union No. 3. Smooth Plane, 8 inches long, 1¼ inch Cutter, each,	3.00	12/6
Union No. 4. Smooth Plane, 9 inches long, 2 inch Cutter, each,	3.25	13/7
Union No. 4½. Smooth Plane, Adjustable Front, 9 inches long, 2 inch Cutter, each,	4.00	16/8
Union No. 4¾. Smooth Plane, 9½ inches long, 2¼ inch Cutter, each,	3.65	15/2½
Union No. 4¾. Smooth Plane, 10 inches long, 2½ inch Cutter, each,	3.75	15/8

PLANE IRONS FOR THE ABOVE.

Sizes.	1¼ in.		1½ in.		1¾ in.		2 in.		2½ in.	
	Dollars	Sterling	Dollars	Sterling	Dollars	Sterling	Dollars	Sterling	Dollars	Sterling
Double Irons, each,	0.40	1/8	0.45	1/11	0.50	2/1	0.55	2/4	0.65	2/9
Single Irons, each,	0.20	/10	0.25	1/1	0.28	1/3	0.30	1/3	0.37	1/7

When ordering Plane Irons for Union Planes, please specify by *number* the *size* of Plane in which they are to be used.

Union Adjustable Iron Planes.

MAHOGANY HANDLE AND KNOB.

Patented October 22, 1889.



	Dollars.	Sterling.
Union No. 5. Jack Plane, 14 inches long, 2 inch Cutter, each,	\$3.75	15/8
Union No. 5A. Jack Plane, 15 inches long, 2 1/4 inch Cutter, each,	4.25	17/8 1/4
Union No. 6. Fore Plane, 18 inches long, 2 3/4 inch Cutter, each,	4.75	19/10



	Dollars.	Sterling.
Union No. 7. Jointer Plane, 22 inches long, 2 3/4 inch Cutter, each,	\$5.50	22/11
Union No. 8. Jointer Plane, 24 inches long, 2 3/4 inch Cutter, each,	6.50	27/1

PLANE IRONS FOR THE ABOVE.

Sizes.	2 in.		2 1/4 in.		2 3/4 in.		2 3/4 in.	
	Dollars.	Sterling.	Dollars.	Sterling.	Dollars.	Sterling.	Dollars.	Sterling.
Double Irons, each,	0.55	2/4	0.60	2/6	0.65	2/9	0.70	2/11
Single Irons, each,	0.30	1/3	0.34	1/5	0.37	1/7	0.40	1/8

When ordering Plane Irons for Union Planes, please specify by *number* the *size* of Plane in which they are to be used

Union Adjustable Iron Planes.

Grooved Bottom.

MAHOGANY HANDLE AND KNOB.

Patented October 22, 1889.



	Dollars.	Sterling.
Union No. 2G. Grooved Bottom, Smooth Plane, 7 inches long, 1 1/4 inch Cutter, each,	\$2.75	11/6
Union No. 3G. Grooved Bottom, Smooth Plane, 8 inches long, 1 1/4 inch Cutter, each,	3.00	12/6
Union No. 4G. Grooved Bottom, Smooth Plane, 9 inches long, 2 inch Cutter, each,	3.25	13/7
Union No. 4 1/2 G. Grooved Bottom, Smooth Plane, with adjustable front, 9 inches long, 2 inch Cutter, each,	4.00	16/8
Union No. 4 3/4 G. Grooved Bottom, Smooth Plane, 9 1/2 inches long, 2 1/4 inch Cutter, each,	3.65	15/2 1/4
Union No. 4 1/4 G. Grooved Bottom, Smooth Plane, 10 inches long, 2 1/4 inch Cutter, each,	3.75	15/8
Union No. 5G. Grooved Bottom, Jack Plane, 14 inches long, 2 inch Cutter, each,	3.75	15/8
Union No. 5AG. Grooved Bottom, Jack Plane, 15 inches long, 2 1/4 inch Cutter, each,	4.25	17/8 1/4
Union No. 6G. Grooved Bottom, Fore Plane, 18 inches long, 2 3/4 inch Cutter, each,	4.75	19/10
Union No. 7G. Grooved Bottom, Jointer Plane, 22 inches long, 2 3/4 inch Cutter, each,	5.50	22/11
Union No. 8G. Grooved Bottom, Jointer Plane, 24 inches long, 2 3/4 inch Cutter, each,	6.50	27/1

Union Adjustable Wood Planes.

IRON TOP.

Patented October 22, 1889.



	Dollars.	Sterling.
Union No. 21. Wood Smooth Plane, 7 inches long, 1½ inch Cutter, each,	\$2.00	8/4
Union No. 22. Wood Smooth Plane, 8 inches long, 1½ inch Cutter, each,	2.00	8/4
Union No. 23. Wood Smooth Plane, 9 inches long, 1½ inch Cutter, each,	2.00	8/4
Union No. 24. Wood Smooth Plane, 8 inches long, 2 inch Cutter, each,	2.00	8/4

Patented October 22, 1889.



	Dollars.	Sterling.
Union No. 35. Handle Smooth Plane, 9 inches long, 2 inch Cutter, each,	\$2.50	10/5
Union No. 36. Handle Smooth Plane, 10 inches long, 2½ inch Cutter, each,	2.75	11/6
Union No. 37A. Jenny Smooth, 13 inches long, 2½ inch Cutter, each,	3.00	12/6

For prices on Cutters for above Planes see next page.

Union Adjustable Wood Planes.

IRON TOP.

Patented October 22, 1889.



	Dollars.	Sterling.
Union No. 26. Jack Plane, 15 inches long, 2 inch Cutter, each,	\$2.25	9/5
Union No. 27. Jack Plane, 15 inches long, 2½ inch Cutter, each,	2.50	10/5
Union No. 27A. Jack Plane, 15 inches long, 2½ inch Cutter, each,	2.50	10/5
Union No. 28. Fore Plane, 18 inches long, 2½ inch Cutter, each,	2.75	11/6
Union No. 29. Fore Plane, 20 inches long, 2½ inch Cutter, each,	2.75	11/6

PLANE IRONS FOR THE ABOVE.

Sizes.	1½ in.		2 in.		2½ in.		2¾ in.	
	Dollars.	Sterling.	Dollars.	Sterling.	Dollars.	Sterling.	Dollars.	Sterling.
Double Irons, each,	0.50	2/1	0.55	2/4	0.60	2/6	0.65	2/9
Single Irons, each,	0.25	1/2	0.30	1/3	0.33	1/5	0.37	1/7

When ordering Plane Irons for Union Planes, please specify by *number* the *size* of Plane in which they are to be used.

We can supply extra woods for the above

Union Adjustable Wood Planes.

IRON TOP.

Patented October 22, 1889.



	Dollars.	Sterling.
Union No. 30. Jointer Plane, 22 inches long, 2 1/4 inch Cutter, each,	\$3.00	12/6
Union No. 31. Jointer Plane, 24 inches long, 2 1/4 inch Cutter, each,	3.00	12/6
Union No. 32. Jointer Plane, 26 inches long, 2 1/4 inch Cutter, each,	3.25	13/7
Union No. 33. Jointer Plane, 28 inches long, 2 1/4 inch Cutter, each,	3.25	13/7
Union No. 34. Jointer Plane, 30 inches long, 2 1/4 inch Cutter, each,	3.50	14/7

PLANE IRONS FOR THE ABOVE.

Sizes	2 1/4 in		2 3/4 in.	
	Dollars.	Sterling.	Dollars.	Sterling
Double Irons, each,	0.65	2/9	0.70	2/11
Single Irons, each,	0.37	1/7	0.40	1/8

When ordering Plane Irons for Union Planes, please specify by *number* the *size* of Plane in which they are to be used.

We can supply extra woods for the above.

Union Adjustable Wood Planes.

IRON TOP AND STEEL FACED.



	Dollars.	Sterling.
Union No. 21S. Wood Smooth Plane, Steel Faced, 7 inches long, 1 1/4 inch Cutter, each,	\$2.85	11/10 1/2
Union No. 22S. Wood Smooth Plane, Steel Faced, 8 inches long, 1 1/4 inch Cutter, each,	2.85	11/10 1/2
Union No. 23S. Wood Smooth Plane, Steel Faced, 9 inches long, 1 1/4 inch Cutter, each,	2.85	11/10 1/2
Union No. 24S. Wood Smooth Plane, Steel Faced, 8 inches long, 2 inch Cutter, each,	2.85	11/10 1/2



	Dollars.	Sterling.
Union No. 35S. Handle Smooth Plane, Steel Faced, 9 inches long, 2 inch Cutter, each,	\$3.40	14/2
Union No. 36S. Handle Smooth Plane, Steel Faced, 10 inches long, 2 1/4 inch Cutter, each,	3.60	15/
Union No. 37AS. Jenny Smooth Plane, Steel Faced, 13 inches long, 2 1/4 inch Cutter, each,	3.85	16/

For prices on Cutters for above Planes see next page.

Union Adjustable Wood Planes.

IRON TOP AND STEEL FACED.



	Dollars.	Sterling.
Union No. 26S. Wood Jack Plane, Steel Faced, 15 inches long, 2 inch Cutter, each,	\$3.50	14/7
Union No. 27S. Wood Jack Plane, Steel Faced, 15 inches long, 2 1/4 inch Cutter, each,	3.75	15/8
Union No. 27AS. Wood Jack Plane, Steel Faced, 15 inches long, 2 1/4 inch Cutter, each,	3.75	15/8
Union No. 28S. Wood Fore Plane, Steel Faced, 18 inches long, 2 1/4 inch Cutter, each,	4.00	16/8
Union No. 29S. Wood Fore Plane, Steel Faced, 20 inches long, 2 1/4 inch Cutter, each,	4.00	16/8

PLANE IRONS FOR THE ABOVE.

Sizes.	1 1/4 in.		2 in.		2 1/4 in.		2 3/4 in.	
	Dollars.	Sterling.	Dollars.	Sterling.	Dollars.	Sterling.	Dollars.	Sterling.
Double Irons, each,	0.50	2/1	0.55	2/4	0.60	2/6	0.65	2/9
Single Irons, each,	0.28	1/2	0.30	1/3	0.33	1/5	0.37	1/7

When ordering Plane Irons for Union Planes, please specify by *number* the *size* of Plane in which they are to be used.

We can supply extra woods for the above.

Union Adjustable Wood Planes.

IRON TOP AND STEEL FACED.



	Dollars.	Sterling.
Union No. 30S. Wood Jointer Plane, Steel Faced, 22 inches long, 2 1/4 inch Cutter, each,	\$4.75	19/9 1/2
Union No. 31S. Wood Jointer Plane, Steel Faced, 24 inches long, 2 1/4 inch Cutter, each,	4.75	19/9 1/2
Union No. 32S. Wood Jointer Plane, Steel Faced, 26 inches long, 2 1/2 inch Cutter, each,	5.00	20/10
Union No. 33S. Wood Jointer Plane, Steel Faced, 28 inches long, 2 1/2 inch Cutter, each,	5.00	20/10
Union No. 34S. Wood Jointer Plane, Steel Faced, 30 inches long, 2 1/2 inch Cutter, each,	5.25	21/10

PLANE IRONS FOR THE ABOVE.

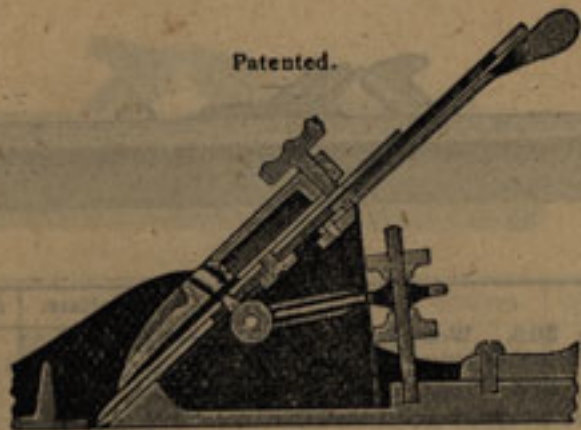
Sizes.	2 1/4 in.		2 3/4 in.	
	Dollars.	Sterling.	Dollars.	Sterling.
Double Irons, . each,	0.65	2/9	0.70	2/11
Single Irons, . each,	0.37	1/7	0.40	1/8

When ordering Plane Irons for Union Planes, please specify by *number* the *size* of Plane in which they are to be used.

We can supply extra woods for the above.

The New Union Locking Lever Adjustment.

CARLETON.



SECTIONAL VIEW.

In presenting this new adjustment, we are confident that we have the best that has yet been designed by any Plane manufacturer. While it is somewhat of a departure from the accepted ideas of Plane adjustments, it is the result of careful study of the requirements of users of tools, and is in every point an improvement over the old. It has been thoroughly tested by competent mechanics and expert tool men, to determine its strength and holding power, and all unite in praising it highly.

We have discarded the movable frog, and the cutter seat is made a part of the body of the plane. This gives a firm seat for the cutter at all times, which cannot become loosened or displaced under any conditions. This solid seat, combined with our extra heavy cutter, gives a plane that will stand any test.

The cutter is raised or lowered by means of a lever, which is positive, a decided advantage over the screw adjust-

ment commonly used. There is no loss of motion, the cutter responding to the slightest movement of the lever. This lever at its outer end is clamped by two brass nuts, which hold it securely in position. The cutter being set as desired, the lever is solidly clamped by the nuts, making it impossible for the cutter to be displaced. This locking device is one of the strong points of this adjustment, as the user may be certain that the cutter once set will remain so until changed. Another feature of this adjustment is the protection which may be given to the cutter when not in use. When the plane is to be laid aside, by loosening the lower nut, the lever may be lowered, thus raising the cutter within the plane body. The edge of the cutter is thus protected, and cannot be damaged by handling, while, the upper nut remaining in the same position, when the plane is used again the cutter is brought to exactly the same place.

The cutter is firmly held in place by an iron cap, which slides under two lugs in the side walls, the proper leverage being obtained by a large brass screw at its upper end. In this way absolute rigidity of the cutter is obtained.

We show here a plane which can be easily and quickly adjusted under any conditions, and so simple it cannot be easily broken or disarranged. We have no hesitation in recommending this new plane to all users of tools.

Patented.



The above cut shows the cutter and cap used in the new Locking Lever Adjustment. The milled-teeth prevent slipping.

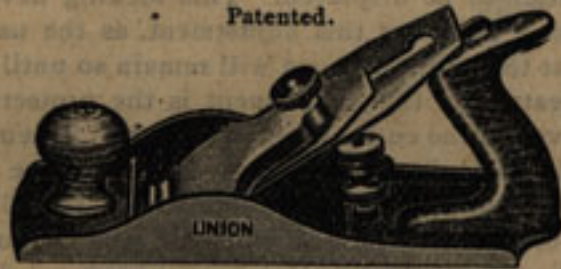
Union Iron Planes.

CARLETON.

With Locking Lever Adjustment.

MAHOGANY HANDLE AND KNOB.

Patented.



	Dollars.	Sterling.
Union No. X2. Smooth Plane, 7 inches long, 1 1/4 inch Cutter, each,	\$2.75	11/6
Union No. X3. Smooth Plane, 8 inches long, 1 1/4 inch Cutter, each,	3.00	12/6
Union No. X4. Smooth Plane, 9 inches long, 2 inch Cutter, each,	3.25	13/7
Union No. X4 1/4. Smooth Plane, Adjustable Front, 9 inches long, 2 inch Cutter, each,	4.00	16/8
Union No. X4 1/2. Smooth Plane, 9 1/2 inches long, 2 1/4 inch Cutter, each,	3.65	15/2 1/2
Union No. X4 3/4. Smooth Plane, 10 inches long, 2 1/2 inch Cutter, each,	3.75	15/8

Be particularly careful when ordering Planes with this adjustment to specify No. X2, X3, X4, X4 1/4, X4 1/2.

PLANE IRONS FOR THE ABOVE.

Sizes.	1 1/4 in.		1 1/2 in.		2 in.		2 1/4 in.	
	Dollars.	Sterling.	Dollars.	Sterling.	Dollars.	Sterling.	Dollars.	Sterling.
Double Irons, each,	0.45	1/11	0.50	2/1	0.55	2/4	0.65	2/9
Single Irons, each,	0.25	1/1	0.28	1/2	0.30	1/3	0.37	1/7

When ordering Plane Irons for Union Planes, please specify by number the size of Plane in which they are to be used.

Union Iron Planes.

CARLETON.

With Locking Lever Adjustment.

MAHOGANY HANDLE AND KNOB.

Patented.



	Dollars.	Sterling.
Union No. X5. Jack Plane, 14 inches long, 2 inch Cutter, each,	\$3.75	15/8
Union No. X5A. Jack Plane, 15 inches long, 2 1/4 inch Cutter, each,	4.25	17/8 1/2
Union No. X6. Fore Plane, 18 inches long, 2 1/2 inch Cutter, each,	4.75	19/10



	Dollars.	Sterling.
Union No. X7. Jointer Plane, 22 inches long, 2 1/4 inch Cutter, each,	\$5.50	22/11
Union No. X8. Jointer Plane, 24 inches long, 2 1/2 inch Cutter, each,	6.50	27/1

Be particularly careful when ordering Planes with this adjustment to specify No. X5, X5A, X6, X7, X8.

PLANE IRONS FOR THE ABOVE.

Sizes.	2 in.		2 1/4 in.		2 1/2 in.		2 3/4 in.	
	Dollars.	Sterling.	Dollars.	Sterling.	Dollars.	Sterling.	Dollars.	Sterling.
Double Irons, each,	0.55	2/4	0.60	2/6	0.65	2/9	0.70	2/11
Single Irons, each,	0.30	1/3	0.34	1/5	0.37	1/7	0.40	1/8

When ordering Plane Irons for Union Planes, please specify by number the size of Plane in which they are to be used.

Union Iron Planes.

CARLETON.

With Locking Lever Adjustment.

MAHOGANY HANDLE AND KNOB.

Patented.



GROOVED BOTTOM.

	Dollars.	Sterling.
Union No. X2G. Grooved Bottom, Smooth Plane, 7 inches long, 1½ inch Cutter, each,	\$2.75	11/6
Union No. X3G. Grooved Bottom, Smooth Plane, 8 inches long, 1½ inch Cutter, each,	3.00	12/6
Union No. X4G. Grooved Bottom, Smooth Plane, 9 inches long, 2 inch Cutter, each,	3.25	13/7
Union No. X4½G. Grooved Bottom, Smooth Plane, with adjustable front, 9 inches long, 2 inch Cutter, each,	4.00	16/8
Union No. X4¾G. Grooved Bottom, Smooth Plane, 9¾ inches long, 2¼ inch Cutter, each,	3.65	15/2½
Union No. X4¼G. Grooved Bottom, Smooth Plane, 10 inches long, 2¾ inch Cutter, each,	3.75	15/8
Union No. X5G. Grooved Bottom, Jack Plane, 14 inches long, 2 inch Cutter, each,	3.75	15/8
Union No. X5AG. Grooved Bottom, Jack Plane, 15 inches long, 2¼ inch Cutter, each,	4.25	17/8½
Union No. X6G. Grooved Bottom, Fore Plane, 18 inches long, 2¾ inch Cutter, each,	4.75	19/10
Union No. X7G. Grooved Bottom, Jointer Plane, 22 inches long, 2¾ inch Cutter, each,	5.50	22/11
Union No. X8G. Grooved Bottom, Jointer Plane, 24 inches long, 2¾ inch Cutter, each,	6.50	27/1

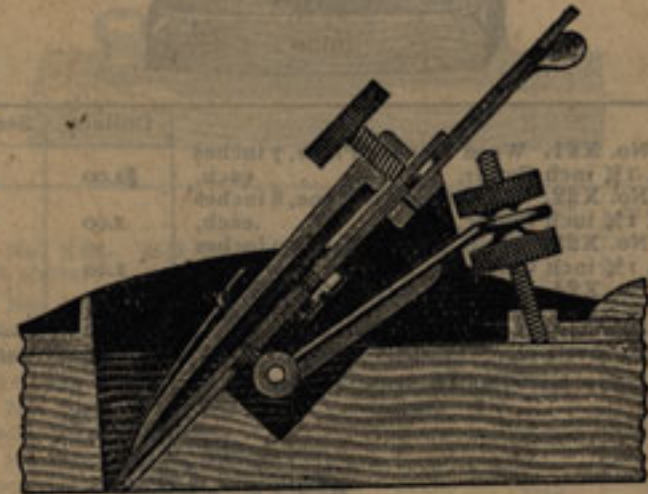
When ordering Grooved Bottom Planes with this adjustment, be particularly careful to order No. X2G, X3G, X4G, etc.

Union Wood Planes.

TRASK.

With Locking Lever Adjustment.

Patented.



The above cut shows in detail the Locking Lever Adjustment as adapted to our line of Wood Planes. This adjustment is the same as shown and described on pages 16 and 17, and used on our Wood Bottom Planes gives them an advantage over any others in the market. These planes are all well made and finely finished. The wood bottoms are made of selected Beech, and well seasoned.

Union Wood Plane.

TRASK.

With Locking Lever Adjustment.

Patented.



	Dollars.	Sterling.
Union No. X21. Wood Smooth Plane, 7 inches long, 1 1/4 inch Cutter, each,	\$2.00	8/4
Union No. X22. Wood Smooth Plane, 8 inches long, 1 1/4 inch Cutter, each,	2.00	8/4
Union No. X23. Wood Smooth Plane, 9 inches long, 1 1/4 inch Cutter, each,	2.00	8/4
Union No. X24. Wood Smooth Plane, 8 inches long, 2 inch Cutter, each,	2.00	8/4

When ordering Wood Planes with this adjustment be particularly careful to specify No. X21, X22, etc.



Patented.

	Dollars.	Sterling.
Union No. X35. Handle Smooth Plane, 9 inches long, 2 inch Cutter, each,	\$2.50	10/5
Union No. X36. Handle Smooth Plane, 10 inches long, 2 1/4 inch Cutter, each,	2.75	11/6
Union No. X37A. Jenny Smooth, 13 inches long, 2 1/4 inch Cutter, each,	3.00	12/6

For prices on Cutters for above Planes see next Page.

Union Wood Plane.

TRASK.

With Locking Lever Adjustment.

Patented.



	Dollars.	Sterling.
Union No. X26. Jack Plane, 15 inches long, 2 inch Cutter, each,	\$2.25	9/5
Union No. X27. Jack Plane, 15 inches long, 2 1/4 inch Cutter, each,	2.50	10/5
Union No. X27A. Jack Plane, 15 inches long, 2 1/4 inch Cutter, each,	2.50	10/5
Union No. X28. Fore Plane, 18 inches long, 2 1/4 inch Cutter, each,	2.75	11/6
Union No. X29. Fore Plane, 20 inches long, 2 1/4 inch Cutter, each,	2.75	11/6

When ordering Wood Planes with this adjustment be particularly careful to specify No. X26, X27, etc.

PLANE IRONS FOR THE ABOVE.

Sizes.	1 1/4 in.		2 in.		2 1/4 in.		2 3/4 in.	
	Dollars.	Sterling	Dollars.	Sterling	Dollars.	Sterling	Dollars.	Sterling
Double Irons, each,	0.50	2/1	0.55	2/4	0.60	2/6	0.65	2/9
Single Irons, each,	0.28	1/2	0.30	1/3	0.33	1/5	0.37	1/7

When ordering Plane Irons for Union Planes, please specify by *number* the *size* of Plane in which they are to be used.

We can supply extra woods for the above.

Union Wood Plane.

TRASK.

With Locking Lever Adjustment.

Patented.



	Dollars.	Sterling.
Union No. X30. Jointer Plane, 22 inches long, 2 1/4 inch Cutter, each,	\$3.00	12/6
Union No. X31. Jointer Plane, 24 inches long, 2 1/4 inch Cutter, each,	3.00	12/6
Union No. X32. Jointer Plane, 26 inches long, 2 1/4 inch Cutter, each,	3.25	13/7
Union No. X33. Jointer Plane, 28 inches long, 2 1/4 inch Cutter, each,	3.25	13/7
Union No. X34. Jointer Plane, 30 inches long, 2 1/4 inch Cutter, each,	3.50	14/7

When ordering Wood Planes with this adjustment be particularly careful to specify No. X30, X31, etc.

PLANE IRONS FOR THE ABOVE.

Sizes.	2 1/4 inch.		2 1/2 in.	
	Dollars.	Sterling.	Dollars.	Sterling.
Double Irons, . . each,	0.65	2/9	\$0.70	2/11
Single Irons, . . each,	0.37	1/7	0.40	1/8

When ordering Plane Irons for Union Planes, please specify by *number* the *size* of Plane in which they are to be used.

We can supply extra woods for the above.

Union Wood Plane.

TRASK.

With Lever Adjustment.

Patented.



	Dollars.	Sterling.
Union No. 502. Wood Smooth Plane, 8 inches long, 1 1/4 inch Cutter, each,	\$1.50	6/3

Patented.



	Dollars.	Sterling.
Union No. 515. Handle Smooth Plane, 9 inches long, 2 inch Cutter, each,	\$2.00	8/4

These Planes are the same as our Nos. X22, and X35, with the exception of the locking feature of the lever adjustment.

They are nicely adapted for ordinary work.

Union Wood Plane.

TRASK.

With Lever Adjustment.

Patented.



	Dollars.	Sterling.
Union No. 537. Jack Plane, 15 inches long, 2 1/4 inch Cutter, each,	\$2.00	8/4
Union No. 539. Fore Plane, 20 inches long, 2 3/4 inch Cutter, each,	2.25	9/5

Patented.



	Dollars.	Sterling.
Union No 542. Jointer Plane, 26 inches long, 2 3/4 inch Cutter, each,	\$2.50	10/5

These Planes are the same as our Nos. X27, X29, and X32, with the exception of the locking feature of the lever adjustment.

They are nicely adapted for ordinary work.

Union Wood Planes.

TRASK.

With Locking Lever Adjustment.

IRON TOP AND STEEL FACED.

Patented.



	Dollars.	Sterling.
Union No. X218. Wood Smooth Plane, 7 inches long, 1 1/4 inch Cutter, . . . each,	\$2.85	11/10 1/2
Union No. X228. Wood Smooth Plane, 8 inches long, 1 1/4 inch Cutter, . . . each,	2.85	11/10 1/2
Union No. X238. Wood Smooth Plane, 9 inches long, 1 1/4 inch Cutter, . . . each,	2.85	11/10 1/2
Union No. X248. Wood Smooth Plane, 8 inches long, 2 inch Cutter, each,	2.85	11/10 1/2

When ordering Steel Faced Wood Planes with new adjustment, be particularly careful to specify No. X218, X228, etc.



	Dollars.	Sterling.
Union No. X358. Handle Smooth Plane, 9 inches long, 2 inch Cutter, each,	\$3.40	14/2
Union No. X368. Handle Smooth Plane, 10 inches long, 2 1/4 inch Cutter, each,	3.60	15/
Union No. X378S. Jenny Smooth Plane, 13 inches long, 2 3/4 inch Cutter, each,	3.85	16/

For prices on Cutters for above Planes, see next page.

Union Wood Planes.

TRASK.

With Locking Lever Adjustment.

IRON TOP AND STEEL FACED.

Patented.



	Dollars.	Sterling.
Union No. X26S. Jack Plane, 15 inches long, 2 inch Cutter, each,	\$3.50	14/7
Union No. X27S. Jack Plane, 15 inches long, 2 1/4 inch Cutter, each,	3.75	15/8
Union No. X27AS Wood Jack Plane, 15 inches long, 2 1/4 inch Cutter, each,	3.75	15/8
Union No. X28S. Fore Plane, 18 inches long, 2 1/4 inch Cutter, each,	4.00	16/8
Union No. X29S. Fore Plane, 20 inches long, 2 1/4 inch cutter, each,	4.00	16/8

When ordering Steel Faced Wood Planes with new adjustment, be particularly careful to specify No. X26S, X27S, etc.

PLANE IRONS FOR THE ABOVE.

Sizes	1 1/4 in.		2 in.		2 1/4 in.		2 3/4 in.	
	Dollars.	Sterling.	Dollars.	Sterling.	Dollars.	Sterling.	Dollars.	Sterling.
Double Irons, each,	0.50	2/1	0.55	2/4	0.60	2/6	0.65	2/9
Single Irons, each,	0.38	1/2	0.30	1/3	0.33	1/5	0.37	1/7

When ordering Plane Irons for Union Planes, please specify by *number* the *size* of Plane in which they are to be used.

We can supply extra woods for the above.

Union Wood Planes.

TRASK.

With Locking Lever Adjustment.

IRON TOP AND STEEL FACED,

Patented.



	Dollars.	Sterling.
Union No. X30S. Jointer Plane, 22 inches long, 2 1/4 inch Cutter, each,	\$4.75	19/9 1/2
Union No. X31S. Jointer Plane, 24 inches long, 2 3/4 inch Cutter, each,	4.75	19/9 1/2
Union No. X32S. Jointer Plane, 26 inches long, 2 3/4 inch Cutter, each,	5.00	20/10
Union No. X33S. Jointer Plane, 28 inches long, 2 3/4 inch Cutter, each,	5.00	20/10
Union No. X34S. Jointer Plane, 30 inches long, 2 3/4 inch Cutter, each,	5.25	21/10

When ordering Steel Faced Wood Planes with new adjustment, be particularly careful to specify No. X30S, X31S, etc.

PLANE IRONS FOR THE ABOVE.

Sizes.	2 1/4 in.		2 3/4 in.	
	Dollars.	Sterling.	Dollars.	Sterling.
Double Irons, each,	0.65	2/9	0.70	2/11
Single Irons, each,	0.37	1/7	0.40	1/8

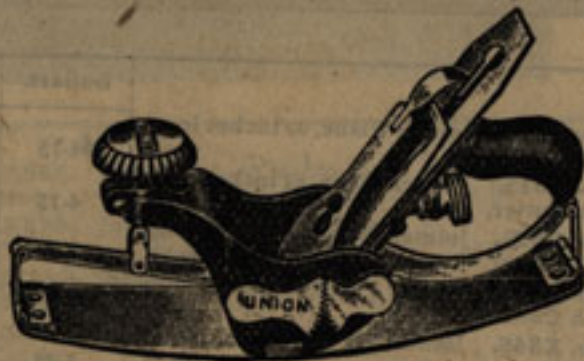
When ordering Plane Irons for Union Planes, please specify by *number* the *size* of Plane in which they are to be used.

We can supply extra woods for the above.

The Union Improved Circular Plane.

ADJUSTABLE.

No. 411.



The Union Improved Circular Plane No. 411 has recently been added to our line. All the parts are nicely made and well finished. The adjustment is easy and rapid, and the flexible steel face can be quickly changed to either convex or concave form.

	Dollars.	Sterling.
Union No. 411. Circular Plane, 1 1/4 inch Cutter, each,	\$4.00	16/8

The New Union Circular Plane.

Nos. 413 and 414.

ADJUSTABLE.



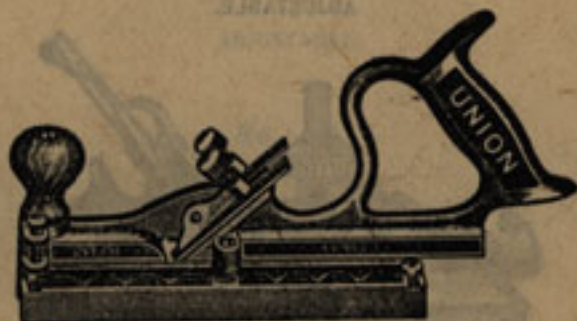
We are now prepared to furnish the New Union Circular Plane, No. 413, as shown in above cut. This Circular Plane is not excelled by any Circular Plane on the market. It is finely finished, and made of the best material, and from its construction will be a very serviceable article. The steel face is curved to any desired position by means of the steel screw in the center.

The No. 414 is the same as No. 413, with the exception of the japanned finish.

	Dollars.	Sterling.
Union No. 413. Circular Plane, 1 1/4 inch Cutter, Nickel Plated, each,	\$6.00	25/
Union No. 414. Circular Plane, 1 1/4 inch Cutter, Japanned, each,	5.00	20/10
Single Cutters for above, each,	.28	1/2
Double Cutters for above, each,	.50	2/1

Union Tonguing and Grooving Plane.

Nos. 41 and 42.



The above cut shows our Union Tonguing and Grooving Plane, recently added to our line. This Plane is nickel plated, well finished throughout, and compares favorably with our other Planes. It is provided with two separate Cutters, as shown above, to be used for making a tongue. By releasing the pin at the front of Plane, the fence may be swung on a central pivot and reversed, thus covering one Cutter. The Plane may then be used to form a groove to match the tongue.

	Dollars.	Sterling.
Union No. 41. Nickel Plated, for $\frac{3}{8}$ to $1\frac{1}{8}$ inch boards, each,	\$2.50	10/5
Union No. 42. Nickel Plated, for $\frac{3}{8}$ to $\frac{3}{4}$ inch boards, each,	2.50	10/5
Cutters for the above Planes, each,	.17	/9

For the convenience of the Export Trade, where a heavy duty is charged on Nickel Plated goods, we can furnish these Planes Japanned if desired.

The Union Rabbet Plane and Filletster.

No. 43.



This Plane has two seats for Cutter, and by inserting Cutter in the forward seat, can be used as a Bull-nose Rabbet Plane. The arm is reversible and can be used on right or left hand side of Plane. Packed complete with Fence, Arm, and Depth Gauge.

	Dollars.	Sterling.
Union No. 43. Japanned, $8\frac{1}{4}$ inches long, $1\frac{1}{2}$ inch Cutter, each,	\$1.50	6/3
Cutters for above Planes, each,	.20	/10

The Union Improved Iron Beading Plane.



No. 44.

We call attention to all users of tools, that this is the first *Single Beading Plane* to be made of iron, and at the request of Carpenters we are adding this to our line of *Union Planes*. We trust that the Trade will appreciate our efforts in this line, and that orders will follow.

	Dollars.	Sterling.
No. 44— $\frac{1}{4}$ inch, Nickel Plated,	\$2.00	8/4
No. 44— $\frac{3}{8}$ inch, " "	2.00	8/4
No. 44— $\frac{1}{2}$ inch, " "	2.00	8/4
Cutters for above Planes,20	/10

We are prepared to furnish the above in three sizes, $\frac{1}{4}$ in., $\frac{3}{8}$ in., and $\frac{1}{2}$ in. If other sizes are desired, we can furnish, and will do so upon reasonable notice

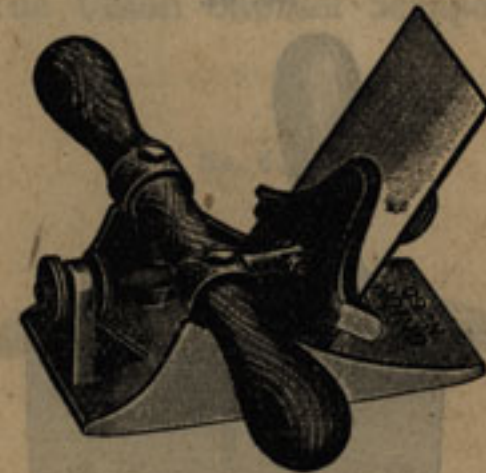


CUT SHOWING BOTTOM OF PLANE.

For the convenience of the Export Trade, where a heavy duty is charged on Nickel Plated goods, we can furnish these Planes Japanned if desired.

Union Adjustable Veneer Scraper.

No. 60.



The above cut illustrates the Union Adjustable Veneer Scraper. It is used for scraping Veneers and Cabinet work, and because of its peculiar form is well liked for some classes of work. It can also be used as a Tooth Plane, and when wanted, Tothing Cutters will be furnished at prices given below.

	Dollars.	Sterling.
Union No. 60. Veneer Scraper, 3 inch Cutter, each,	\$3.50	14/7

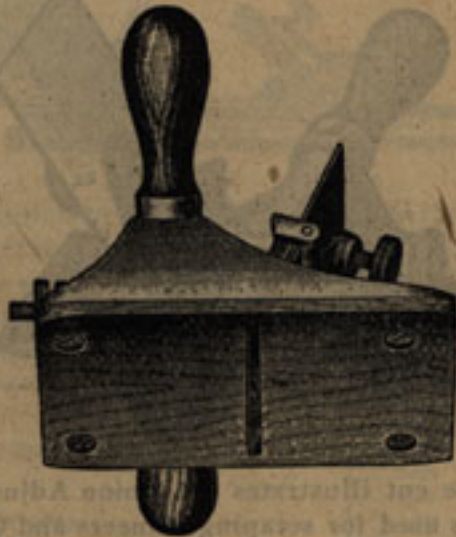
CUTTERS.

	Dollars.	Sterling.
Regular Cutters for above, each,	\$0.25	1/11
Tothing Cutters for above, each,	0.35	1/6

Union Adjustable Scraper.

WITH WOOD BOTTOM.

No. 61.



At the request of a number of prominent Builders and Woodworkers, we have added to our line the Adjustable Scraper with Wood Bottom or Shoe, No. 61. This is our No. 60, with the addition of the wooden shoe. It will be found to be a useful tool by all wood workers and floor finishers.

	Dollars.	Sterling
Union No. 61. Scraper, with Wood Bottom, 3 inch Cutter, each,	\$5.00	20/10

CUTTERS.

	Dollars.	Sterling.
Regular Cutters for above, each,	\$0.25	1/1
Toothing Cutters for above, each,	0.35	1/6

The Union Cabinet Scraper.

No. 63.



FRONT VIEW.

The Union Cabinet Scraper No. 63 will be found very desirable for a large variety of work. It is well made, and nicely finished. The blade can be slightly curved as desired, by means of thumb screw, as shown in cut.

Packed one in a box.

	Dollars	Sterling
No. 63. Cabinet Scraper with Raised Handles, 11 inches long, 2 1/4 inch Blade, each,	\$1.60	6/8
Extra Blades, each,25	1/1

The Union Adjustable Scraper.

No. 90.

For Wood Workers, Cabinet Makers, Shipbuilders, Etc., Etc., also Meat Markets.

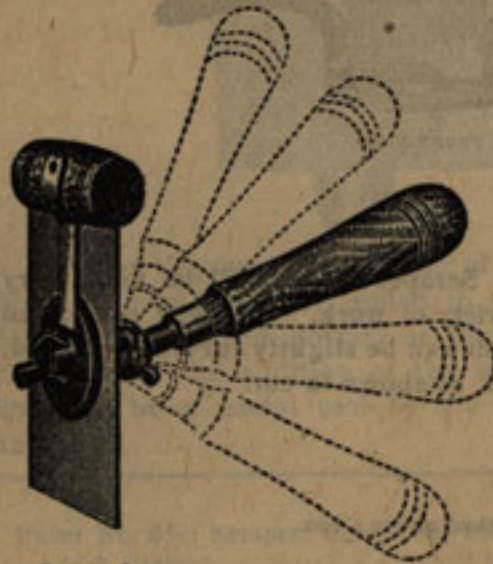
The following cuts illustrate the Union Adjustable Scraper, recently introduced by us. This handy invention is a unique departure from anything in its line, and is designed to meet the demand for a durable hardwood Scraper which can be used for any variety of work. We are confident that the

several features of advantage in this tool will commend it to all wood workers.

In Fig. 1 we show some of the positions in which the handle may be placed, to enable the blade to reach any desired place. This adjustment is made by loosening the thumb nut at the back of the blade, and releasing the teeth.

Further adjustments

may be made by loosening the nut at the front of the blade, when it may be revolved in either direction. By means of these adjustments, this tool can be used for scraping in any desired positions which cannot be reached by the ordinary plain Scraper.



Patented.

FIG. 1.

The Union Adjustable Scraper.

CONTINUED.



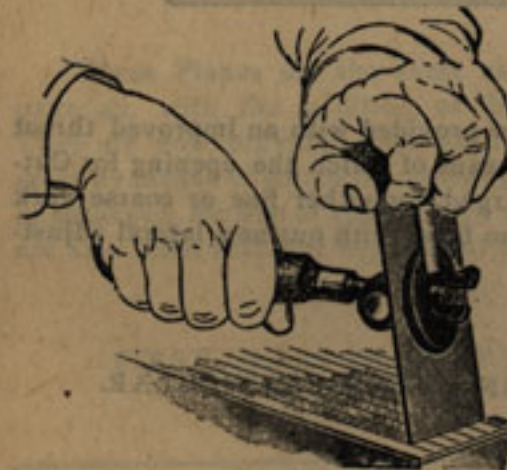
Patented.
FIG. 2.

In Fig. 2 we show the interlocking teeth at the back of the blade, by means of which the handle is firmly fastened. These teeth hold the handle rigidly in any position.

In Fig. 3 we show the position of the hands when using this Scraper.

For scraping hardwood or parquet floors, and for any finished wood-work, this Scraper is unequalled.

It will also be found useful for scraping masts, spars, etc.



Patented
FIG. 3.

It is a useful tool, designed for a large variety of work, and one which no woodworker can afford to be without. It has also been found to be useful for scraping Butcher's Blocks, etc., in markets.

The handle is of finished hardwood, and all parts are carefully made and well finished.

The blade is of best

cutter steel and warranted.

Price, each,	Dollars.	Sterling.
		\$1.50

Union Adjustable Iron Block Planes.

With Improved Throat Adjustment.



These Planes are now provided with an improved throat adjustment or slide, by means of which the opening for Cutter may be closed or enlarged, for either fine or coarse work as desired. They are also fitted with our new lateral adjustment for the Cutter.

FIRST CLASS IN EVERY PARTICULAR.

	Dollars.	Sterling.
Union No. 9½. Block Plane, 6 inches long, 1¼ inch Cutter, each,	\$1.50	6/3
Union No. 15. Block Plane, 7 inches long, 1¼ inch Cutter, each,	1.60	6/8
Cutters for above Planes, each,	0.20	/10

Union Adjustable Iron Block Planes.

With Improved Throat Adjustment.

NICKEL PLATED TRIMMINGS.



These Planes are the same as our Nos. 9½ and 15, on page 40, with the addition of Nickel-plated Trimmings. They are now provided with an Improved Throat Adjustment by means of which the opening for Cutter may be closed or enlarged, for fine or coarse work as may be desired. They are also fitted with our new lateral adjustment for the Cutter.

FIRST CLASS IN EVERY PARTICULAR.

	Dollars.	Sterling.
Union No. 9½. Block Plane, Nickel-plated Trimmings, 6 inches long, 1¼ inch Cutter, each,	\$1.65	6/11
Union No. 15½. Block Plane, Nickel-plated Trimmings, 7 inches long, 1¼ inch Cutter, each,	1.75	7/4
Cutters for the above Planes, each,	0.20	/10

Union Adjustable Iron Block Planes.

With Improved Throat Adjustment.



WITH ROSEWOOD HANDLE.

These Planes are the same as our Nos. 9½ and 15, on page 35, with the addition of the Rosewood Handles. They are now provided with a new Throat Adjustment, by means of which the opening for Cutter may be closed or enlarged, for either fine or coarse work, as desired. They are also fitted with our new lateral adjustment for the Cutter.

FIRST CLASS IN EVERY PARTICULAR.

	Dollars.	Sterling.
Union No. 9½. Block Plane, with Rosewood Handle, 6 inches long, 1¼ in. Cutter, each,	\$1.75	7/4
Union No. 15½. Block Plane, with Rosewood Handle, 7 inches long, 1¼ in. Cutter, each,	1.85	7/9
Cutters for the above Planes, . . . each,	0.20	/10

Union Adjustable Iron Block Planes.

With Improved Throat Adjustment.

NICKEL PLATED TRIMMINGS.



KNUCKLE JOINT LEVER.

These Planes are the same as Nos. 9½ and 15½ on page 41, with the exception of the Knuckle Joint Lever. They are also provided with an improved Throat Adjustment, by means of which the opening for Cutter may be closed or enlarged, for either fine or coarse work, as may be desired. They are also fitted with our new lateral adjustment for the Cutter.

FIRST CLASS IN EVERY PARTICULAR.

	Dollars	Sterling.
Union No. 138. Block Plane, Knuckle Joint Lever, 6 inches long, 1¼ inch Cutter, each,	\$1.75	7/4
Union No. 139. Block Plane, Knuckle Joint Lever, 7 inches long, 1¼ inch Cutter, each,	1.85	7/9
Cutters for the above Planes, . . . each,	0.20	/10

Union Iron Block Planes.



UNION NO. 101.



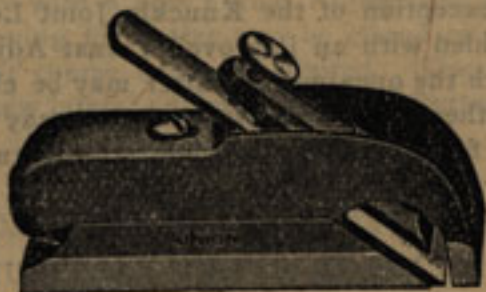
UNION NO. 100, WITH HANDLE

These Planes are small but well made, and are much esteemed by Toy Dealers, makers of Boys' Tool Chests, etc.

	Dollars.	Sterling.
Union No. 101. Block Plane, 3 inches long, 1 inch Cutter, each,	\$0.20	/10
Union No. 100. Block Plane with Handle, 3 inches long, 1 inch Cutter, each,	0.30	1/3
Cutters for above Planes, each,	0.08	/4

Union Bull-Nose Rabbet Plane.

No. 50.



This is a well-finished Plane, and will be found to be a very handy and useful article.

	Dollars.	Sterling.
Union No. 50. Bull-Nose Rabbet Plane, 4 inches long, 1 inch Cutter, each,	\$0.50	2/1

Union Iron Block Planes.



UNION NO. 102, NON-ADJUSTABLE.

	Dollars.	Sterling.
Union No. 102. Block Plane, 5 1/2 inches long, 1 1/4 inch Cutter, each,	\$0.40	1/8
Cutters for above Planes each,	0.12	/6



UNION NO. 103, ADJUSTABLE.

	Dollars.	Sterling.
Union No. 103. Block Plane, 5 1/2 inches long, 1 1/4 inch Cutter, each,	\$0.60	2/6
Cutters for above Plane, each,	0.12	/6

On our Block Planes, shown on this and the two following pages, we have substituted the WHEEL in the place of the CAM in the lever, a change which will be appreciated.

Union Iron Block Planes.



UNION NO. 110, NON-ADJUSTABLE.

	Dollars.	Sterling.
Union No. 110. Block Plane, 7 inches long, 1 1/4 inch Cutter, each,	\$0.60	2/6
Cutters for above Plane, each,	0.17	/9



UNION NO. 120, ADJUSTABLE.

	Dollars.	Sterling.
Union No. 120. Block Plane, 7 inches long, 1 1/4 inch Cutter, each,	\$0.85	3/7
Cutters for above Plane, each,	0.17	/9

Union Iron Block Planes.



NO. 227, SCREW ADJUSTMENT.

	Dollars.	Sterling.
Union No. 227. Block Plane, 7 inches long, 1 1/4 inch Cutter, each,	\$0.85	3/7
Cutters for above Plane, each,	0.17	/9



UNION NO. 137, PLANE WITH DOUBLE ENDS

This Plane, as shown in above cut, is reversible, being provided with two slots, and two seats for cutter. By changing the cutter and lever from one position to the other, as shown in the cut, it can be used to plane into close corners, which cannot be reached by the ordinary Plane.

	Dollars.	Sterling.
Union No. 137. Block Plane, 8 inches long, 1 1/4 inch Cutter, each,	\$0.85	3/7
Cutters for above Plane, each,	0.17	/9

Union Iron Spoke Shaves.



With Patent Chamfering Gauge Attachment.

The above cut represents the Union Iron Spoke Shave with Chamfering Gauge attachment. The gauges are easily adjusted to regulate the cut, and can be used in many places where other tools cannot be used. The Gauges are detachable and the Spoke Shave can be used as a perfect tool without them.

	Dollars.	Sterling.
Union No. 111. Raised Handle, 2 inch Cutter, per dozen,	\$8.00	33/4
Union No. 112. Straight Handle, 2 inch Cutter, per dozen,	8.00	33/4



DOUBLE IRON.

	Dollars.	Sterling.
Union No. 113. Raised Handle, 2 inch Cutter, per dozen,	\$4.00	16/8
Union No. 114. Straight Handle, 2 inch Cutter, per dozen,	4.00	16/8



SINGLE IRON.

	Dollars.	Sterling.
Union No. 115. Straight Handle, 2 inch Cutter, per dozen,	\$2.00	8/4
Union No. 116. Raised Handle, 2 inch Cutter, per dozen,	2.00	8/4

Cutters for above Spoke Shaves, \$1.00 per dozen, 4/2 Sterling.

Union Iron Spoke Shaves.



WITH TWO CUTTERS.

	Dollars.	Sterling.
Union No. 117. Straight Handle, with two Cutters, one hollow and one straight, per dozen,	\$4.50	18/9



	Dollars.	Sterling.
Union No. 118. Straight Handle, 9 inches long, 1 1/4 inch Cutter, per dozen,	\$2.00	8/4

Cutters for above Spoke Shaves \$0.75 per dozen, 3/1 1/4 Sterling.

List of Parts of Union Planes.

As shown on following page.



List of Parts of Union Planes.

As shown on page 50.

No.	No.
1. Wood Plane Bottom.	17 Mouth Piece.
2. Iron Top for Wood Plane.	18. Brass Knob.
3. Cap.	19. Frog for Wood Plane and Lateral Adjustment.
4. Plane Iron Cap.	20. Y Adjustment.
5. Cap Screw.	21. Plane Iron Screw.
6. Adjusting Nut Screw.	22. Handle Bolt and Nut.
7. Adjusting Lever.	23. Handle.
8. Iron Plane Bottom.	24. Brass Adjusting Nut.
9. Cap Screw.	25. Plane Iron.
10. Brass Adjusting Nut.	26. Bottom Iron Plane.
11. Lateral Adjustment.	27. Knob.
12. Plane Iron.	28. Knob Bolt and Nut.
13. Cap and Cam Lever.	29. Cam Lever for Block Planes.
14. Frog Screw.	
15. Frog for Iron Planes.	
16. Bottom Adjustable Front.	

This list will be found of value in ordering parts and repairs for Union Planes. Give the name and number of the part as shown in above list, and also the number of the Plane for which part is wanted.

Price List of Parts of Iron Planes.

BOTTOMS.

No.	0	2	3	4	4 $\frac{1}{2}$	4 $\frac{3}{4}$
Each,	\$1.00 4/2	1.25 5/3	1.50 6/3	1.50 6/3	1.50 6/3	1.75 7/4
No.	5	5A	6	7	8	9 $\frac{1}{2}$
Each,	\$1.75 7/4	1.75 7/4	2.50 10/5	3.50 14/7	4.25 17/9	1.00 4/2
No.	9 $\frac{1}{4}$	15	15 $\frac{1}{2}$	102	103	110
Each,	\$1.00 4/2	1.10 4/7	1.10 4/7	0.20 /10	0.30 1/3	0.40 1/8
No.	120	227	137	138	139	
Each,	\$0.45 1/11	0.45 1/11	0.50 2/1	1.00 4/2	1.10 4/7	

LEVERS.

No.	0	2	3	4	4 $\frac{1}{2}$	4 $\frac{3}{4}$
Each,	\$0.35 1/6	0.35 1/6	0.35 1/6	0.35 1/6	0.35 1/6	0.35 1/6
No.	5	5A	6	7	8	9 $\frac{1}{2}$
Each,	\$0.35 1/6	0.35 1/6	0.35 1/6	0.35 1/6	0.35 1/6	0.10 /5
No.	9 $\frac{1}{4}$	15	15 $\frac{1}{2}$	102	103	110
Each,	\$0.10 /5	0.10 /5	0.10 /5	0.10 /5	0.10 /5	0.10 /5
No.	120	227	137	138	139	
Each,	\$0.10 /5	0.10 /5	0.10 /5	0.20 /10	0.20 /10	

FROGS.

Frogs complete for all sizes of Iron Planes,	each,	Dollars, Sterling.	\$0.50	2/1
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MAHOGANY HANDLES.

Mahogany Handles for all sizes of Iron Planes	each,	0.30	1/3
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MAHOGANY KNOBS.

Mahogany Knobs for all sizes of Iron Planes,	each,	0.15	/8
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BOLTS AND NUTS.

Bolt and Nut for handle or knob for all sizes of Iron Planes,	each,	0.15	/8
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BRASS ADJUSTING NUTS.

Brass Adjusting Nuts for all sizes of Iron Planes,	each,	0.15	/8
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CAP SCREWS.

Cap Screws for all sizes of Union Planes,	per dozen,	0.50	2/1
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Price List of Parts of Wood Planes.

BOTTOMS.

No.	21	22	23	24
Each,	\$0.60 2/6	0.60 2/6	0.60 2/6	0.60 2/6
No.	26	27	28	29
Each,	\$0.70 2/11	0.70 2/11	1.00 4/2	1.00 4/2
No.	30	31	32	33
Each,	\$1.15 4/9 $\frac{1}{2}$	1.15 4/9 $\frac{1}{2}$	1.25 5/3	1.25 5/3
No.	34	35	36	37A
Each,	\$1.25 5/3	0.60 2/6	0.75 3/2	1.00 4/2

LEVERS.

Levers for all sizes of Wood Planes,	each,	\$0.25	1/1
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FROGS

Frogs complete for all sizes of Wood Planes,	each,	0.45	1/11
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TOPS

Top Castings for all sizes of Wood Planes,	each,	0.25	1/1
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HANDLES.

Wood Handles for all sizes of Wood Planes,	each,	0.15	/8
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KNOBS.

Knobs for all sizes of Wood Planes,	each,	0.10	/5
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BOLTS AND NUTS.

Bolt and Nut for Handle or Knob, for all sizes of Wood Planes,	each,	0.15	/8
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Price List of Plane Irons for Iron and Wood Planes.

	1 $\frac{1}{4}$ inch.	1 $\frac{1}{2}$ inch.	1 $\frac{3}{4}$ inch.	2 inch.
Double Irons, each,	\$0.40 1/8	0.45 1/11	0.50 2/1	0.55 2/4
Single Irons, each,	0.20 /10	0.25 1/1	0.28 1/2	0.30 1/3
	1 $\frac{1}{4}$ inch.	1 $\frac{1}{2}$ inch.	1 $\frac{3}{4}$ inch.	2 inch.
Double Irons, each,	\$0.60 2/6	0.63 2/8	0.65 2/9	0.70 2/15
Single Irons, each,	0.33 1/5	0.35 1/6	0.37 1/7	0.40 1/8

Price List of Cutters for Block Planes will be found opposite each size.