

Chaplin's Patent Planes:

Peter McBride

Member HTPAA

Based on a presentation to the Tool Conference, April 2006

Introduction

How I came to collect tools

I bought a table saw and a wood lathe and was given five boxes of planes by the owner.

I began researching these planes after receiving advice from the members of the HTPAA on the display stand at the Working with Wood show about 12 years ago. Amongst those planes I found I had been given a Chaplin's original patent block plane. As well as



Peter McBride

other American patented planes by The Metallic Plane Co, Shelton, and Stanley from the late 1800s and early 1900s. Gun makers after the American Civil war seem to have turned their attention to the hand tool business, and their inventiveness is reflected in the huge number and variety of patented designs of hand planes and their adjustments. I had studied Mechanical Engineering at RMIT in the 1970s and was fascinated by the variety of adjusting mechanisms on these planes. And in particular I liked the Chaplin's early patent planes. They had elegant solutions to design and engineering problems created by the protection of patents already held by other plane makers. I've been a goldsmith

October, 1887.

CARPENTRY AND BUILDING.

xxix

CHAPLIN'S PATENT IRON AND WOOD BOTTOM PLANES.



Jack and Jointers;



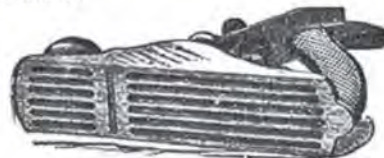
Jack Plane.—Nos. 77, 78.



Nos. 20 and 30 Blocks.

These planes (with a smooth face) have been in the market for many years, obtaining a steadily increasing trade as they have become known. We claim for them the utmost simplicity of construction, prompt adjustment and superior beauty of style and finish.

The clamp plate and lever are nickel-plated; the handle is of checkered rubber, which is stronger than any wood handle, and affords an easy, firm grip—also made with nickled iron handle.



Smooth Plane, Corrugated Bottom.

This Cut shows the surface of our new Corrugated Iron Planes. The corrugations afford ample air spaces, and reduce the traction and friction to the minimum. Same price as smooth face.

OUR NEW WOOD BOTTOM PLANES.

The Clamping Plate and Lever are nickel plated; the Beechwood has been thoroughly seasoned and is a thicker block than usual, though the Plane is no heavier than those already in the market.

Corrugated face.	Smooth face.	
No. 202, Iron Smooth Plane, 7x1 3/4 in. Cutter.....	No. 202, Iron Smooth Plane, 7x1 3/4 in. Cutter.....	\$3.00
No. 203, Do, do, 8x1 3/4 in. do.....	No. 203, Do, do, 8x1 3/4 in. do.....	3.52
No. 204, Do, do, 9x1 3/4 in. do.....	No. 204, Do, do, 9x1 3/4 in. do.....	3.35
No. 205, Do, do, 9x2 in. do.....	No. 205, Do, do, 9x2 in. do.....	3.50
No. 206, Iron Jack Plane, 15x2.....	No. 206, Iron Jack Plane, 15x2.....	3.85
No. 207, Iron Jack Plane, 15x2 3/4.....	No. 207, Iron Jack Plane, 15x2 3/4.....	4.25
No. 208, Iron Fore Plane, 18x2 3/4.....	No. 208, Iron Fore Plane, 18x2 3/4.....	5.00
No. 210.....	No. 210, Iron Joiner Plane, 22x2 3/4.....	6.75

Corrugated face.	Smooth face.	
No. 211, Iron Joiner Plane, 24x2 3/4.....	No. 211, Iron Joiner Plane, 24x2 3/4.....	\$6.75
No. 222, Iron Smooth Plane, 8x1 3/4.....	No. 222, Iron Smooth Plane, 8x1 3/4.....	3.50
No. 225, Iron Smooth Plane, 9x2.....	No. 225, Iron Smooth Plane, 9x2.....	3.75
All of these Planes are nickel-plated finish.		
No. 20, Block Plane, Japanned, 6 1/2 x 1 3/4 in. Cutter.....	No. 20, Block Plane, Japanned, 6 1/2 x 1 3/4 in. Cutter.....	1.40
No. 30, Block Plane, Nickel-Plated, 6 1/4 x 1 3/4 in. Cutter.....	No. 30, Block Plane, Nickel-Plated, 6 1/4 x 1 3/4 in. Cutter.....	1.65

No. 77.	Smooth Plane, 7 x 1 1/2 inch Cutter,	\$2.00
" 73.	" " 8 x 1 3/4 " "	2.00
" 74.	" " 8 1/2 x 2 " "	3.00
" 75.	Handled Smooth Plane, 9 x 2 in. Cutter,	2.50
" 76.	" " " 10 x 2 3/4 " "	2.75
" 77.	Jack Plane, 15 x 2 1/4 inch Cutter,	2.35
" 78.	" " 15 x 2 3/4 " "	2.60
" 79.	Fore Plane, 18 x 2 3/4 inch Cutter,	2.75
" 80.	" " 20 x 2 3/4 " "	2.75
" 81.	Jointer Plane, 22 x 2 3/4 inch Cutter,	3.00
" 82.	" " 24 x 2 3/4 " "	3.10
" 83.	" " 26 x 2 3/4 " "	3.25
" 84.	" " 28 x 2 3/4 " "	3.25

The Adjustable Mouth Smooth Plane is a new feature, and meets with a great deal of favor.

FOR SALE BY THE HARDWARE TRADE.

TOWER & LYON, MANUFACTURERS, 95 CHAMBERS STREET, NEW YORK.

Advertisement for Tower and Lyon, New York, in *Carpentry and Building*, October, 1887