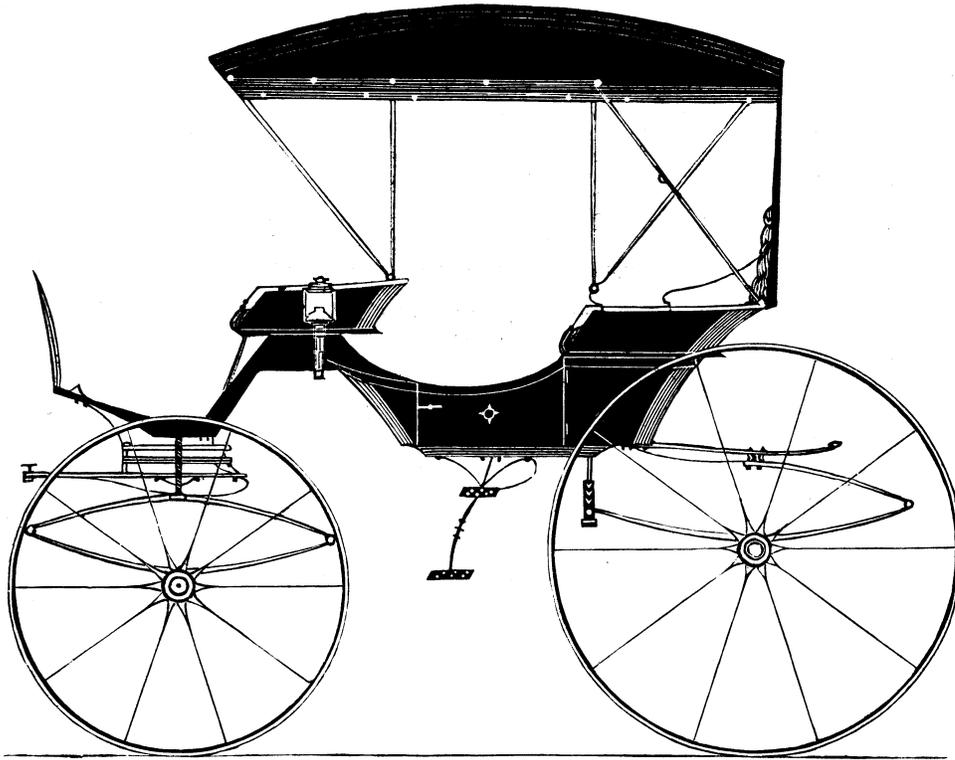


GARDNER AND FLEMING, PHILADELPHIA, PENNSYLVANIA.



THE CONKLE PHÆTON.

PLATE NO. 2.—HALF INCH SCALE.—Explanation on Page 1.

Engraved expressly for the Coach-Makers' International Journal.

Plate No. 2. CONKLE PHAETON.

Carriage Monthly October 1871.

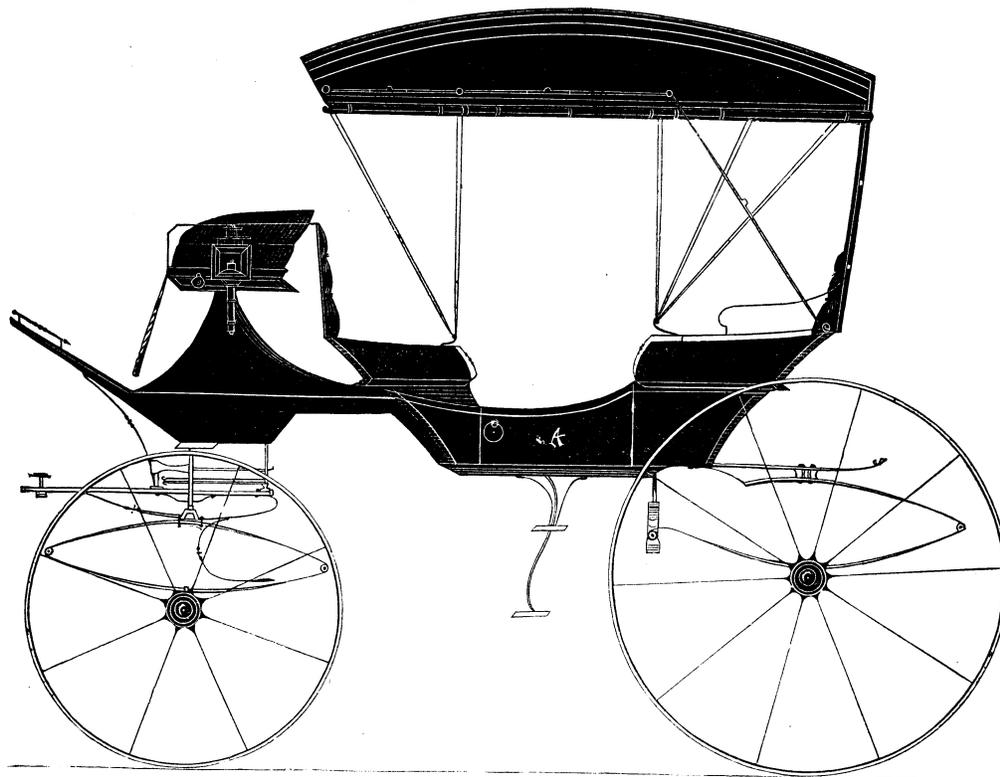
PLATE No. 2-The Plate here shown was taken from a draft furnished by Mr. S. Archibald of Philadelphia, now in the employ of Gardner & Fleming. The original was designed by Mr. Archibald expressly for Mr. E. A. Conkle, Esq., who was highly pleased with the finished carriage. Our Fashion Plate gives but an approximation to the real beauty and symmetry of the Phaeton as finished, for we lack the width of the body and all those various parts and proportions which go to make the full beauty of a complete piece of work. The seats and body have octagon corners which add much to the light appearance of the whole.

Dimensions.--Width of Body to take 43 inch Bows. Turn-under: $2\frac{1}{2}$ inches. Hind-seat projects over on each side: $1\frac{1}{2}$ inches. Width of body at back on top: $34\frac{1}{2}$ inches. On bottom: 32 inches. Hind-seat panels: $5\frac{3}{4}$ deep at front, 6 inches at back corner, and $7\frac{3}{4}$ inches centre behind. Depth of seat: $17\frac{1}{2}$ inches. Of body where it rests: $16\frac{1}{2}$ inches. Depth of front seat: 15 inches. Bearing of front seat: 7 inches. Hubs: $4\frac{3}{8}$ by $6\frac{1}{2}$ inches. Spokes: $1\frac{1}{8}$. Tire 1 inch by $\frac{1}{4}$ steel. Axles: 1 3-t6 steel., Wheels: 3 feet 5

and 4 feet. Springs: $1\frac{3}{8}$ 4 plates. Track: 5 feet.

Painting.--Body: Black. Seat skirts Plum color (Lake and Black). Carriage Plum color, striped, broad lines of Black, and fine lines of red (Carmine and Vermillion). Seat skirts edged with same color.

Trimming.--Brown Cloth. Mounting.—Gold.



ARCHIBALD PHÆTON.

PLATE NO. 25.—HALF INCH SCALE.—Explanation on Page 05.

Plate No. 25. ARCHIBALD PHAETON.

Carriage Monthly March 1872.

PLATE No. 25.--In this is presented a very handsome style of six seat phaeton, now being made by Gardner & Fleming: of Philadelphia. The body was designed and built by Mr. A. Archibald, who kindly furnished the drawing and dimensions for publication. The body and seats have beveled corners and concave panels. In what follows we give the exact dimensions of all the parts, also the colors used in painting, style of striping, and the trimming. The reader is thus put in possession of a description which answers all requirements as far as this particular fashion plate is concerned.

Dimensions.—Width of body under seat at hinge-pillar: 3 feet 2¾. Width at pump handle: 3 feet 1 inch. On outside rocker at door: 34 inches. Across the brackets 30½ inches. Sides concaved: 1¼ inches. Height of boot: 23 inches. Boot concaved: 1¾ inches each side from front body panel. Width of back seat: 46 inches, and 39½ inches at bottom over all. Front seat: 42½ inches. Depth of side panel on back seat: 5¾ to 6 inches. Depth of side panel on front seat: 5½ to 5¾ inches. Back seat panel in centre is: 8¼ inches deep. Beveled corner at back: 2¼ inches narrowed down to 2 inches. Bevel in front: from 2 inches to 1¾ inches. The riser to the front seat is concaved. Front edge of hind seat falls back from the perpendicular 3 inches, and has a round of 1 inch.

Body Irons.--Back props: 5/8 square, to stand out from body 4 inches. Front props: collar to stand out on line with front of seat. Eyes for extension to stand out on line with front props of back seat. Door room: 22 inches. Seat rail: double, similar to coach seat rail. Lamp props: to fasten about two thirds from front of seat in centre. Fenders: 7 inches wide, 9/16 inch oval, to come well over top of wheel and fasten to back top prop. Steps, single tread: 16½ inches long before bending. Square tread to step, in order to receive the fender. Hang the body 3 feet high from bottom of

rocker at the door. Room over front wheel in wheel house: 5½ inches. Length between axles: 6 feet 8 inches.

Running Gear.--Axles: 1 3/8 inch. Arms: 7½ inches. Springs: 1¾ inch. 4 plates: 13½ inches high: Tires: 1 1/8 by 5 1-16, steel. Fifth wheels: 1¼ by 3/8 Top half: ½ inch round, diameter 25 inches. Safe hook on top wheel, back stops on bottom wheel: ½ inches in front of middle bar. Iron for middle bar: 1¼ by 5/8 inches, swaged very deep between box and furchel stays, so as to finish up to edge of bar neatly. Furchel stays full width of furchels, to run back under fifth wheel: ¼ inch thick front, and ¾ oval back of bar. Wheel irons: if inch under bar, 5 inch bearing on spring, shoulder down to 1 inch, weld on step 3 inches from block. Strap loop in front: 10 inches from bar. Step: 15 inches long, with ¾ inch collar in centre, collar also same size in front of wheel iron. Iron for upper bed: 3/8 inch thick, 1½ inch wide in centre, taper to 1 inch on ends with step tread riveted on. For axle shoes: take 1¾ by 3/8 inch Norway iron, make solid by upsetting in vise, give scant 1 1-16 inch, draw springs to be clipped on top of axle with clips 5/8 inch, half round. Wheels: 3 feet 4 inches, and 4 feet 2 inches. Track 5 feet 2 inches. Length of axle inside of collars: back, 4 feet 6 inches; front, 4 feet 5½ inches. Set front springs up 1½ inches higher front than back end.

Painting.—Panels of body: dark green, mixed of Dutch pink and Prussian blue. Body: striped with fine line of gold.

Carriage part: green, a shade or so lighter than the body, striped black and gold. Color of carriage part formed of same pigments as that on the body.

Trimming.--Dark green cloth, with lace of lighter shade, intermixed with yellow or gold colors.

Mounting.--Gold.

Philadelphia price : \$900 to \$1200.