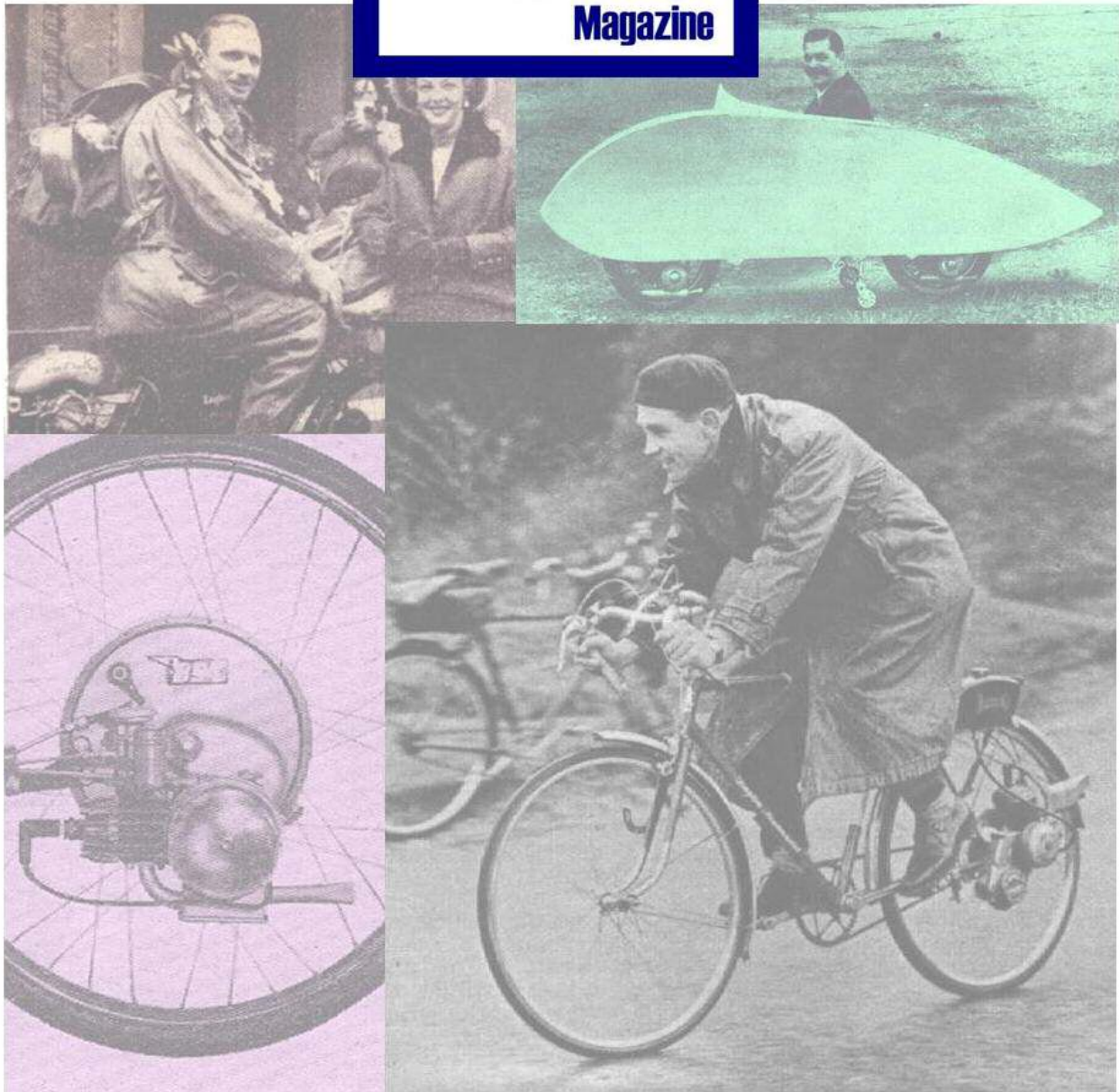


IceniCAM Information Service



www.icenicam.org.uk

PHILLIPS

CYCLE

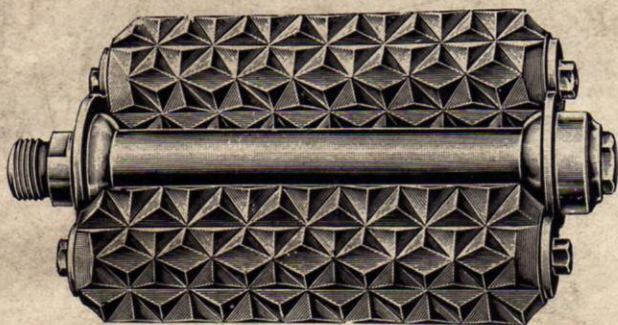
FITMENTS

PEDALS.

Made in $\frac{9}{16} \times 20$ (British Standard) R. and L. and $\frac{1}{2} \times 20 \times \frac{1}{2}$ (American Standard) R. and L. All with Adjustable Bearings.

PEDAL LOGIC!

The best pedals need occasional adjustment. They are subjected to harder wear than any other part of the bicycle; they bear the greatest strain in the process of propulsion, so that any maladjustment in pedal bearings means loss of power and hard work. To do their work properly, therefore, pedals must be so built as to admit of adjustment, and easy accessibility of adjustment is the next consideration. All Phillips pedals are fitted with adjustable parts—the dust cap has only to be removed to effect the adjustment that shall ensure smooth and silky running.



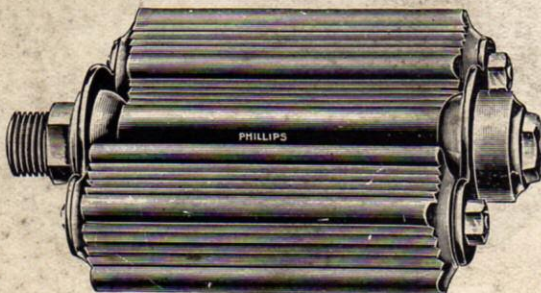
- | | | |
|----------|--------|------------------------------|
| No. 75.— | Philco | Gent's Full Rubber, 4" wide. |
| No. 76.— | " | Lady's " " 3½" " |
| No. 74.— | " | Juvenile " " 3" " |
| No. 97.— | " | Gent's " " 4½" " |
| No. 98.— | " | Gent's " " 4½" " |



U.K. REG. DES. 7995371

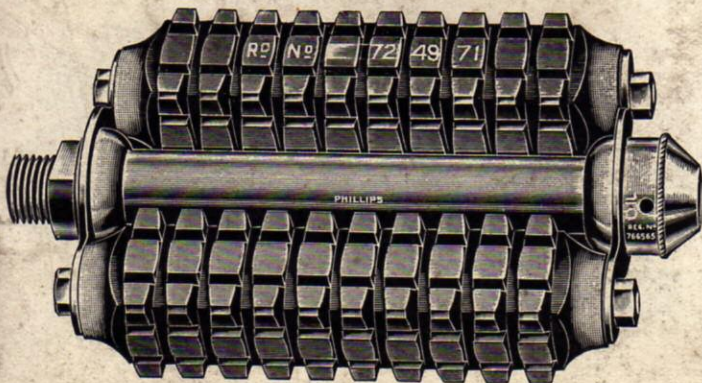
- | | | |
|----------|----------|------------------------------|
| No. 65.— | Celtonia | Gent's Full Rubber, 4" wide. |
| No. 66.— | " | Lady's " " 3½" " |

Anglo Pedals Nos. 45, 46 and 50 are fitted with guaranteed best quality rubbers of the triple stud pattern, Phillips Registered Design **Helmet Dustcaps**, and large ($\frac{5}{8}$ ") Balls throughout. These Pedals are highly polished, heavily nickel plated, and fitted with scientifically hardened spindles and cones.

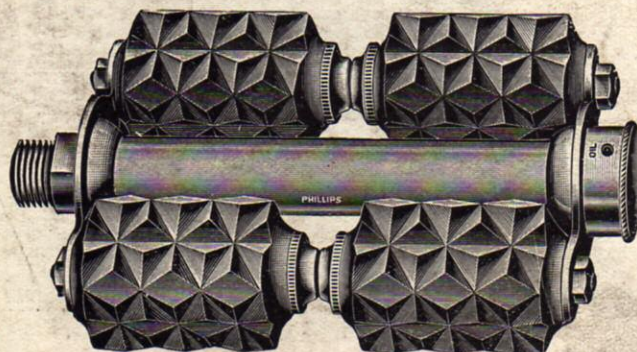


No. 58. Credex Kiddies Full Rubber, 3" wide.

Celtonia Nos. 65 and 66 Pedals are equipped with superior quality "Agrippa" rubbers. Diamond pattern rubbers are fitted to "Philco" Pedals as standard. Fluted pattern supplied to order.



- | | | |
|----------|-------|------------------------------|
| No. 45.— | Anglo | Gent's Full Rubber, 4" wide. |
| No. 46.— | " | Lady's " " 3½" " |
| No. 50.— | " | Gent's " " 4½" " |



- | | | |
|----------|----------|---------------------------------|
| No. 68.— | Celtonia | Gent's Divided Rubber, 4" wide. |
| No. 69.— | " | Lady's " " 3½" " |

All Pedals are supplied in Nickel Plated Finish as standard. Chromium Plated Finish (at an extra charge) or Black Enamelled Finish supplied to order.

PHILLIPS

CYCLE FITMENTS

PEDALS.

Made in $\frac{9}{16}$ " \times 20 (British Standard) R. and L. and $\frac{1}{2}$ " \times 20 \times $\frac{1}{2}$ " (American Standard) R. and L.

PEDAL LOGIC!

The best pedals need occasional adjustment. They are subjected to harder wear than any other part of the bicycle; they bear the greatest strain in the process of propulsion, so that any maladjustment in pedal bearings means loss of power and hard work. To do their work properly, therefore, pedals must be so built as to admit of adjustment, and easy accessibility of adjustment is the next consideration. All Phillips pedals are fitted with adjustable parts—the dust cap has only to be removed to effect the adjustment that shall ensure smooth and silky running.



No. 152. Phillips "All Rubber," 4" wide.
No. 153. Phillips "All Rubber," 3½" "
No. 154. Phillips "All Rubber," 4½" "



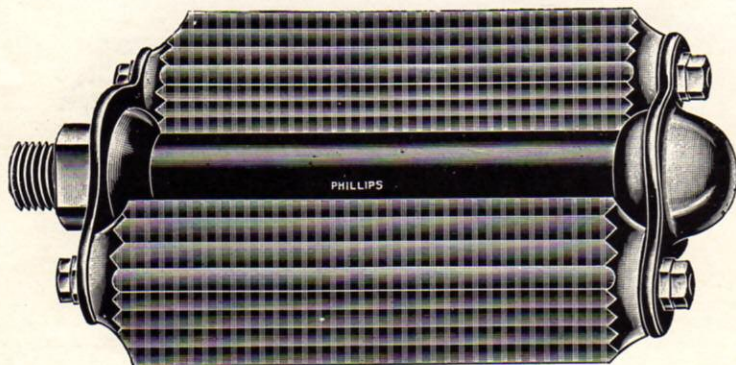
No. 105. Phillips "Moulded Rubber," Gent's, 4" wide.
No. 106. Phillips "Moulded Rubber," Lady's, 3½" "

Phillips Pedals are renowned the world over for their absolute dependability under all conditions. They are uniformly good they never vary.

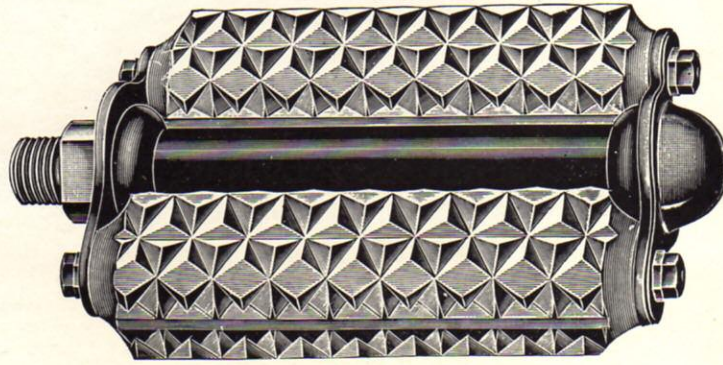


No. 70. Anglo Heavy Duty Rubber, 4" wide.
Constructed with specially re-inforced spindles for heavy carrier work.

Every Phillips Pedal is very carefully examined and thoroughly tested before leaving the factory. The name Phillips on a pair of Pedals is a guarantee of first class quality and sound value for money.



No. 79.—Anglo Leather Block, 4½" wide.
No. 80.— " " " 4" "
Constructed with specially re-inforced spindles for heavy carrier work.



No. 81.—Anglo Heavy Block Rubber, 4½" wide.
Constructed with specially re-inforced spindles for heavy carrier work.

All Pedals are supplied in Nickel Plated Finish as standard. Chromium Plated Finish (at an extra charge) or Black Enamelled Finish supplied to order.

PHILLIPS

CYCLE FITMENTS

HUBS.

Celtonia, Anglo and Grande Vitesse Hubs are fitted with extra large ($\frac{1}{4}$ " balls.



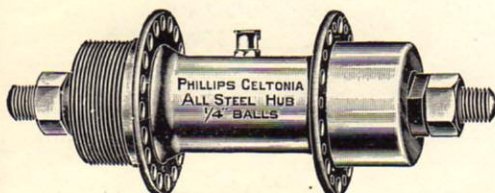
No. 37.—Celtonia Front Hub.
With $\frac{3}{8}$ " Spindles, Flatted to $\frac{5}{16}$ "



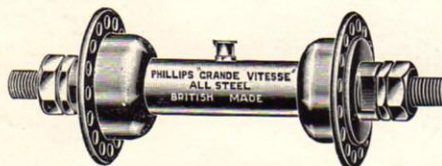
No. 67.—Philco Front Hubs.



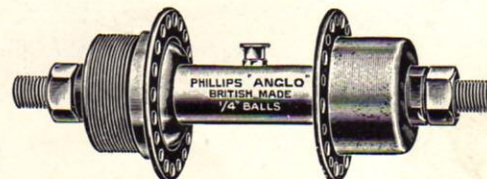
No. 51.—Anglo Front Hub.
With $\frac{3}{8}$ " Spindles, Flatted to $\frac{5}{16}$ "



No. 39.—Celtonia Rear Hub.
 $1\frac{1}{2}$ " Chain line. Gear Case Clearance.



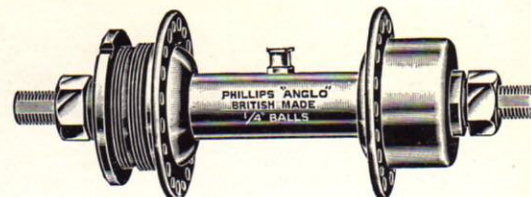
No. 35.—Grande Vitesse Racing Front Hub,
with Double Lock Nuts.



No. 52.—Anglo Rear Hub.
 $1\frac{1}{2}$ " Chain line. Gear Case Clearance.

No. 42.—Carrier Hub.
 $1\frac{3}{4}$ " Chain line. Gear Case Clearance.
Screwed for Free Wheel only.

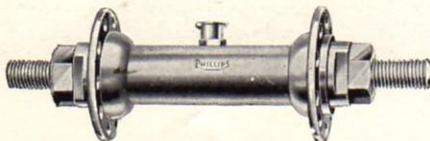
	Width over Cones.	Length of Spindle.	Diameter of Drilling.	Diameter of Spindle.
Nos. 51 & 37	$3\frac{1}{2}$ "	$4\frac{7}{8}$ "	32H	$\frac{3}{8}$ "
Nos. 52 & 39	4"	$5\frac{5}{8}$ "	40H	$\frac{3}{8}$ "
Nos. 53 & 40	4"	$5\frac{5}{8}$ "	40H	$\frac{3}{8}$ "
Nos. 54 & 43	$4\frac{1}{2}$ "	$5\frac{5}{8}$ "	40H	$\frac{3}{8}$ "
No. 42	$4\frac{1}{2}$ "	$6\frac{1}{4}$ "	40H	$\frac{3}{8}$ "
No. 35	$3\frac{1}{2}$ "	$5\frac{1}{4}$ "	32H	$\frac{5}{16}$ "
No. 22	$2\frac{7}{8}$ "	$4\frac{3}{8}$ "	20H	$\frac{5}{16}$ "
No. 23	$3\frac{7}{16}$ "	5"	20H	$\frac{5}{16}$ "
No. 67	$3\frac{1}{2}$ "	5"	32H	$\frac{5}{16}$ "



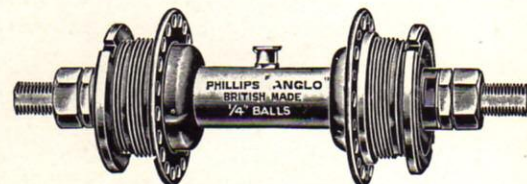
No. 53.—Anglo Rear Hub.
 $1\frac{1}{2}$ " Chain Line. Without Gear Case Clearance.
Screwed one side only for Cog and Lock Nut or
Free Wheel.
Flatted for use in $\frac{5}{16}$ " Quick Release Fork Ends.



No. 40.—Celtonia Rear Hub.
 $1\frac{1}{2}$ " Chain line. Without Gear Case Clearance.
Screwed one side only for Cog and Lock Nut or
Free Wheel. Flatted for use in $\frac{5}{16}$ " Quick Release
Fork Ends.



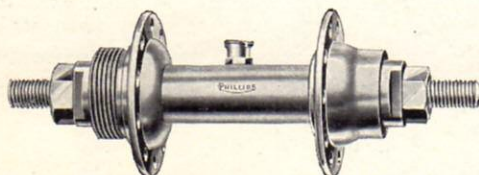
No. 22.—"Phillips" Junior Front Hub.
 $\frac{7}{16}$ " Spindle and $\frac{3}{32}$ " Balls. Drilled 20 holes
for 15G Spokes. Drilled 32 holes to order.



No. 54.—Anglo Rear Hub.
 $1\frac{1}{2}$ " Chain line. Without Gear Case Clearance.
Screwed both sides to take Cog and Lock Nut or
Free Wheel.
Flatted for use in $\frac{5}{16}$ " Quick Release Fork Ends.



No. 43.—Celtonia Rear Racing Hub.
 $1\frac{1}{2}$ " Chain line. Without Gear Case Clearance
Screwed both sides to take Cog and Lock Nut or
Free Wheel. Flatted for use in $\frac{5}{16}$ " Quick Release
Fork Ends.



No. 23.—"Phillips" Junior Rear Hub.
 $\frac{7}{16}$ " Spindle and $\frac{3}{32}$ " Balls. Drilled 20 holes.
for 15G Spokes. Drilled 32 holes to order.
 $1\frac{1}{16}$ " Chain Line, without Gear Case Clearance.

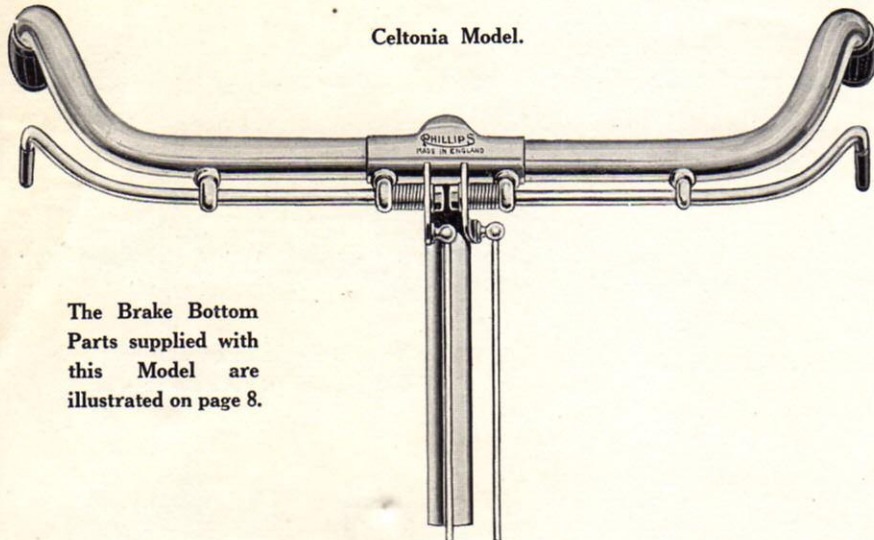
All our Hub Cones are made from BEST UBAS STEEL and are specially treated to ensure lasting wear.
Supplied in Chromium Plated Finish at an extra charge, and in All Black without extra charge.
Rear Spindles supplied 6" long to order without extra charge.

PHILLIPS

CYCLE FITMENTS

HANDLEBARS WITH ROLLER LEVER BRAKES.

Celtonia Model.

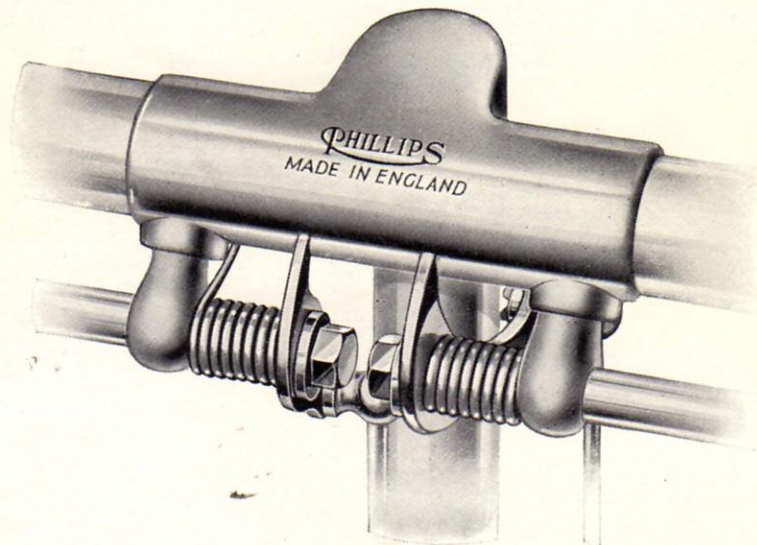


The Brake Bottom Parts supplied with this Model are illustrated on page 8.

A PHILLIPS FEATURE.

The illustration below shows the Elongated Lug, which is now a standard feature of all Phillips Handlebars when supplied with Screw-in Studs for Roller Levers.

This Lug reinforces the Handlebar at the point taking the greatest strain and entirely eliminates any risk of breakage.



STANDARD SPECIFICATION.

All ordinary Raised Handlebars are 17½" wide. The North Road Raised or Dropped Patterns are 18" wide.

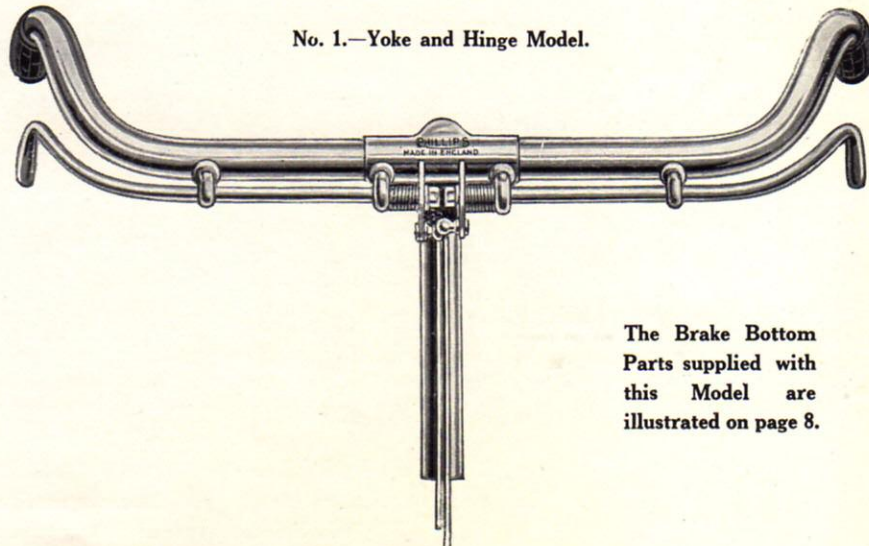
All Handlebars are constructed with 7/8" diameter tubing.

Celtonia and Vox Populi Models are equipped with Rear Left Hand Levers, but can be supplied with Rear Right Hand to order. Yoke and Hinge Models are supplied with Rear Right Hand Brakes.

Celtonia, Vox Populi, and Yoke and Hinge Models are supplied with Forged Levers, as standard.

Dover Grips are fitted to all models.

No. 1.—Yoke and Hinge Model.



The Brake Bottom Parts supplied with this Model are illustrated on page 8.

Chromium Plated or All Black Finish supplied to order at an extra charge.

PHILLIPS

CYCLE FITMENTS

HANDLEBARS WITH ROLLER LEVER BRAKES.

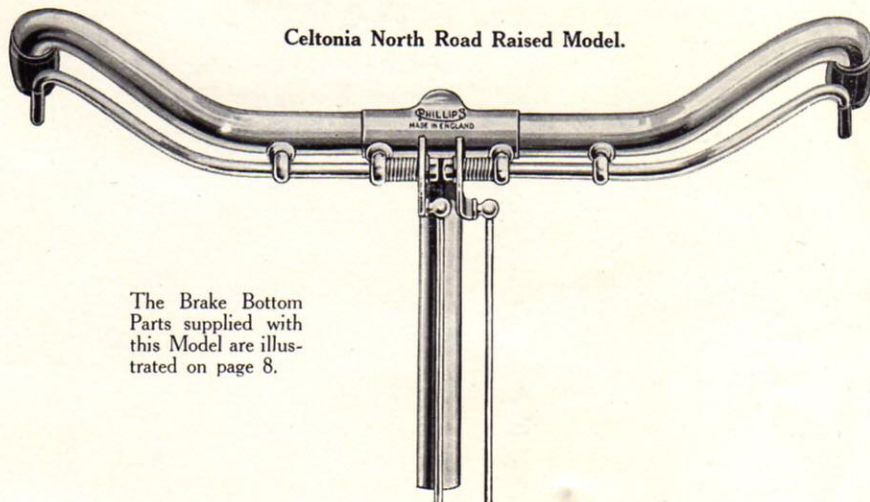
SPECIAL FEATURES SUPPLIED TO ORDER WITHOUT EXTRA CHARGE.

Lugs marked "Phillips. Made in England."

Celtonia ordinary Raised Models, 14½" wide, suitable for Juvenile Cycles.

Celtonia and Vox Populi Models with Rear Lever on right hand side.

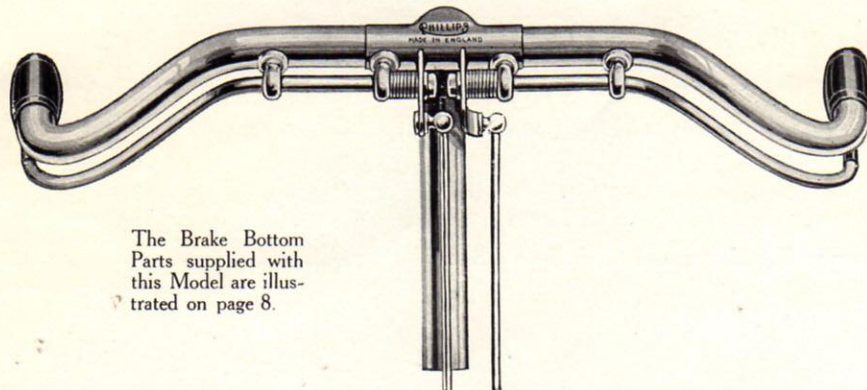
Yoke and Hinge Models with Rear Lever on left hand side.



Celtonia North Road Raised Model.

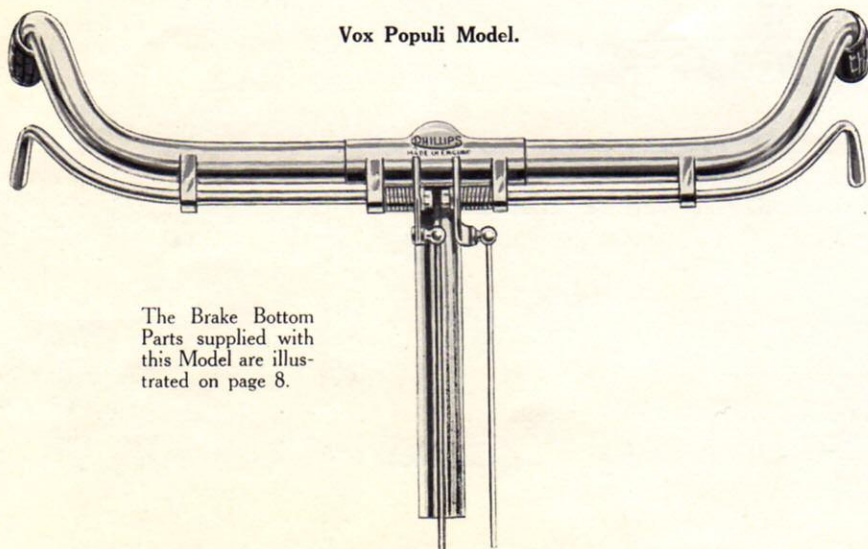
The Brake Bottom Parts supplied with this Model are illustrated on page 8.

Celtonia North Road Dropped Model.



The Brake Bottom Parts supplied with this Model are illustrated on page 8.

Vox Populi Model.



The Brake Bottom Parts supplied with this Model are illustrated on page 8.

SPECIAL FEATURES SUPPLIED AT AN EXTRA CHARGE.

Expander Bolts.

North Road (Raised or Dropped Shape), 20" wide.

Bends celluloid covered (check or plain) on Celtonia and Yoke and Hinge Models.

Celluloid covering (check or plain) to first Lever Lug on Vox Populi Models.

High North Raised shape.

Chromium Plated or All Black Finish supplied to order at an extra charge.

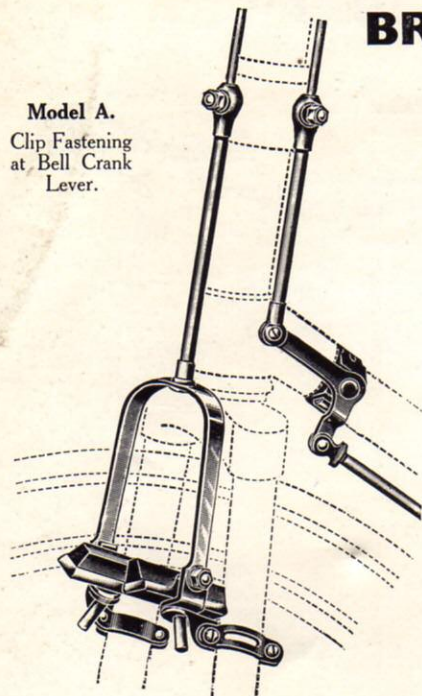
PHILLIPS

CYCLE FITMENTS

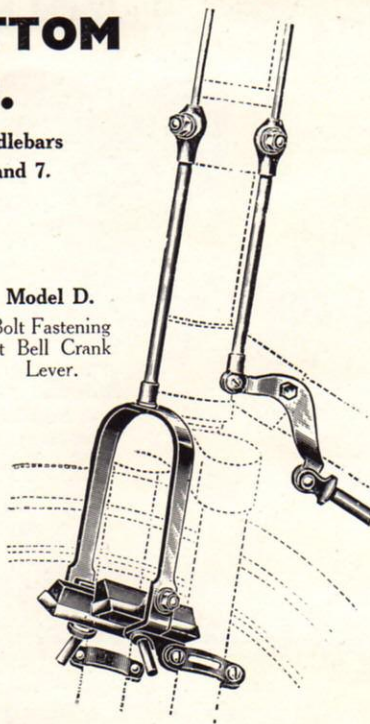
BRAKE BOTTOM PARTS.

Supplied with the Handlebars illustrated on pages 6 and 7.

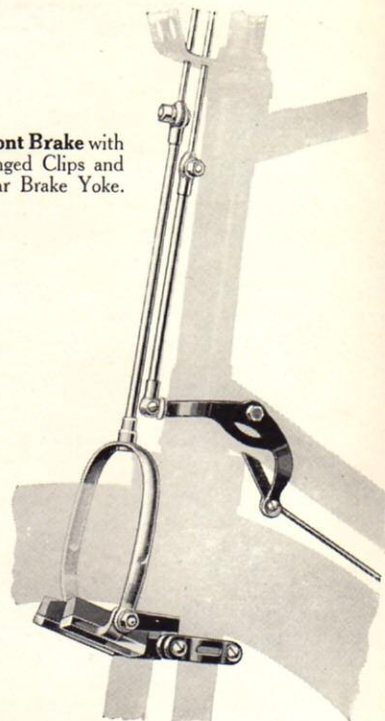
Model A.
Clip Fastening at Bell Crank Lever.



Model D.
Bolt Fastening at Bell Crank Lever.



Front Brake with Hinged Clips and Rear Brake Yoke.



Brakework for Vox Populi and Celtonia Models.

Side Pull Rear Brake Parts from the Bell Crank Lever downwards (except the Stay Clips) are black enamelled, but the remainder of the parts are plated.

Clip Fastenings are supplied as standard throughout, but Bolt (Model D) and Stud (Model S) Fastenings can be supplied to order without extra charge.

Adult Sets are supplied with $1\frac{1}{8}$ " Frame Tube Clips as standard, and Juvenile Sets with 1" Frame Tube Clips as standard, and $1\frac{1}{8}$ " to order.

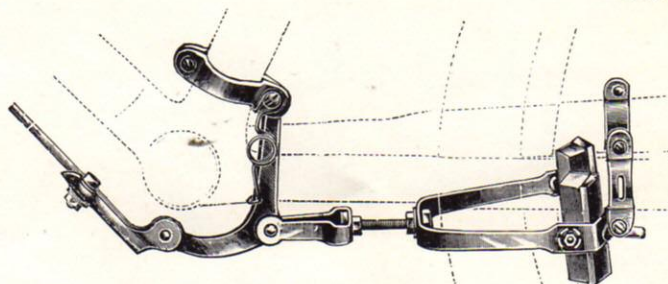
Brakework for Yoke and Hinge Models.

Yoke and Hinge Brakes are supplied as standard with Bolt Fastening at the Bottom Head Lug, and Leg Clip Fastening (Model E) at the Bottom Bracket.

They can be supplied with Model S Bracket Stud Fastening to order, but they cannot be fitted with Clip Fastening at the Bottom Head Lug.

All Rear Brake Parts from the Yokes downwards, including the Stay Clips are black enamelled.

$\frac{7}{8}$ " D Fork and Stay Clips are supplied as standard, but 1" Oval, 1" Round or $\frac{7}{8}$ " Round Fork and Stay Clips supplied if required.

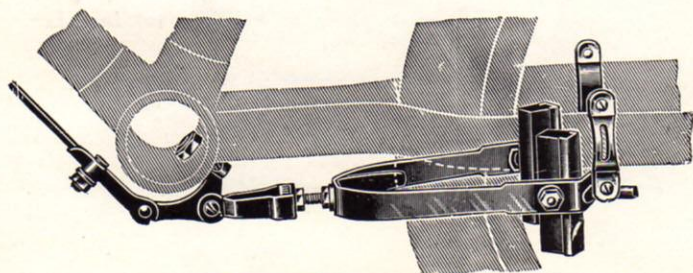


Model "E"—Leg Clip Fastening.

Standard on Celtonia, Vox Populi and Yoke and Hinge Models.

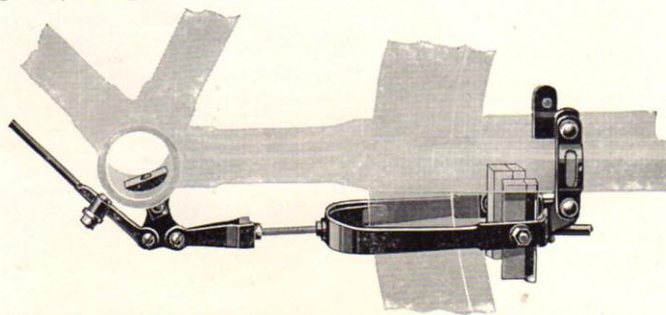
Model "T"—Special Leg Clip Fastening for "Thompson" Bracket.

All Brakes are supplied with Rubber Blocks as standard. Fibrax or Ferodo Blocks supplied to order at an extra charge.



Model "S"—Bracket Stud Fastening.

Supplied to order, without extra charge on Celtonia and Vox Populi Models.



Special Stud Fastening for Yoke and Hinge Models only.

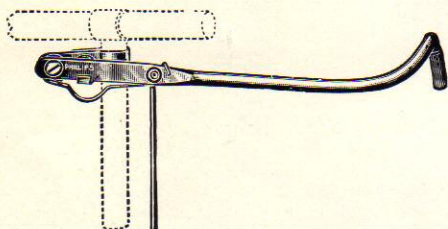
Note the special design of the Lever Arm which provides a direct pull from the Bell Crank Lever to the Rear Stirrup, thus ensuring maximum braking power.

PHILLIPS

CYCLE

FITMENTS

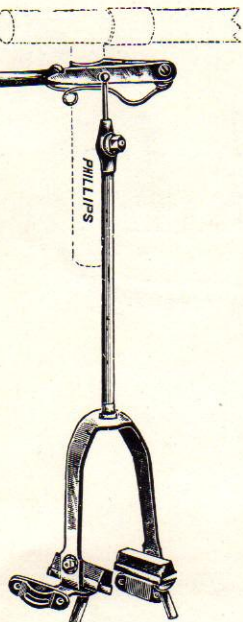
PULL-UP AND ROLLER LEVER BRAKES.



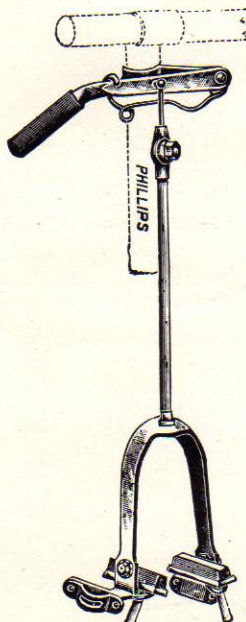
No. 8. — Quickfit Rear, with long Raised Lever.

No. 9. — Quickfit Rear, with Short Lever.

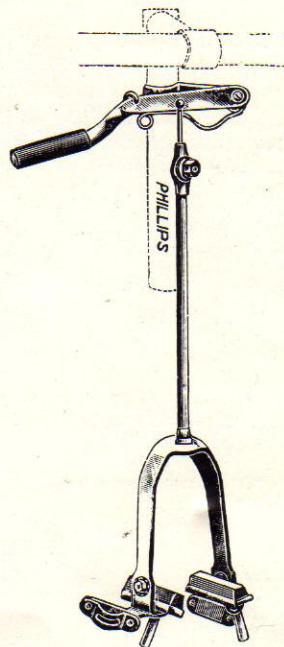
Pull-up action, with $\frac{7}{8}$ " Stem Clip.



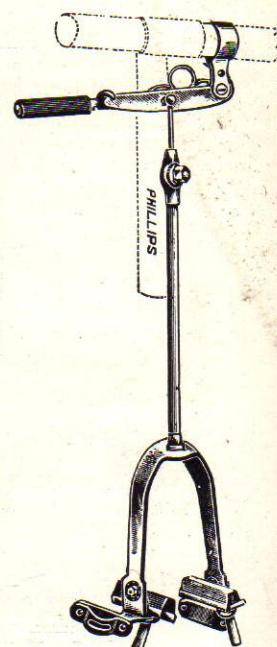
No. 2. Quickfit Front. With long Raised Lever and $\frac{7}{8}$ " Stem Clip.



No. 4. — Quickfit Front Leverette. With Short Lever and $\frac{7}{8}$ " Stem Clip.

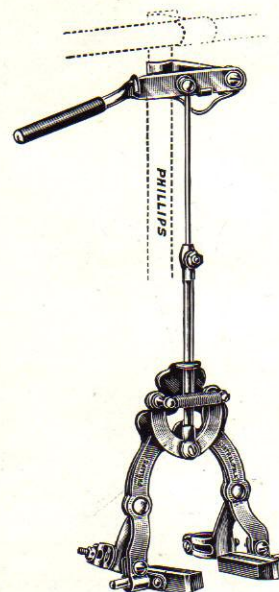


No. 5. — Quickfit Front. Cranked Lever, to suit 2" or 3" Extension Lug Bar.



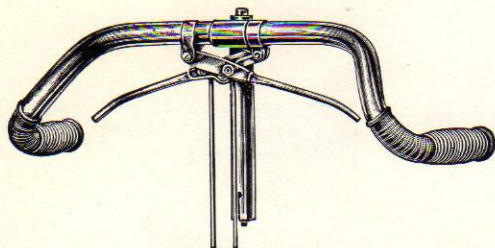
No. 6. — Quickfit Front. With Short Lever and $\frac{7}{8}$ " Bend Clip.

"PHILCO" FRONT PULL-UP BRAKES.



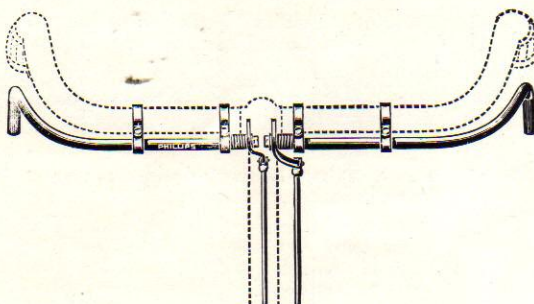
No. 351. — Philco Front Pull-up Brake. Caliper Centre Pull Action, suitable for use with Endrick Rims. Supplied with Cranked Lever as standard.

CREDEX PULL-UP BRAKES with Clip on Bend.



No. 27. — Front.
No. 28. — Rear.

COSMOS ROLLER LEVER BRAKES.



No. 18. — Cosmos Front.
No. 19. — " Rear.
Roller Lever Action, with $\frac{7}{8}$ " Bend Clip.

The Handlebar Bend has to be drilled to take the No. 27 and No. 28 Brakes, and they are not therefore suitable for replacement purposes. They can, however, be fitted to any of our various Handlebars, and are here shown fitted to the Model H Sports.

Rear Brake on **Right** Hand is supplied as standard.

Rear Left Hand supplied to order.

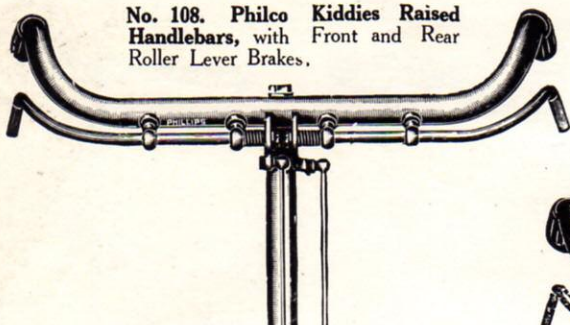
The Bottom Parts of the Credex, Cosmos and Quickfit Brakes are exactly as those described on page 8.
D Fork Clips are fitted as standard, but Oval or 1" Round may be supplied to order.
Nickel Plated Finish supplied as standard, but Chromium or All Black Finish may be supplied to order at an extra charge.

PHILLIPS

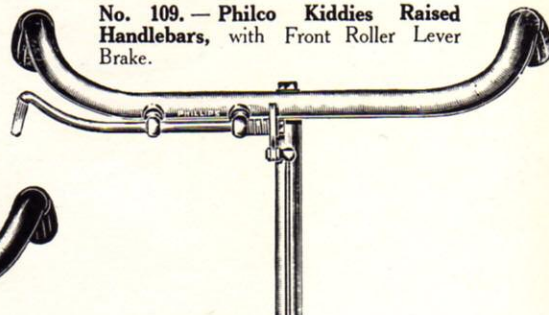
CYCLE FITMENTS

"PHILCO" KIDDIES HANDLEBARS AND BRAKES.

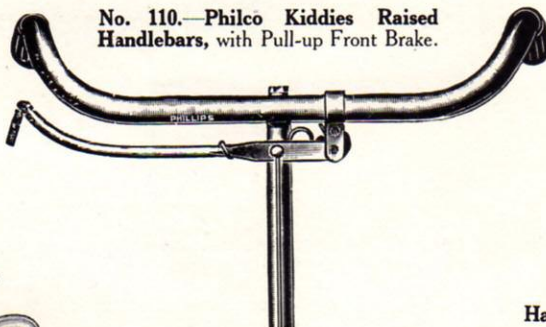
No. 108. Philco Kiddies Raised Handlebars, with Front and Rear Roller Lever Brakes.



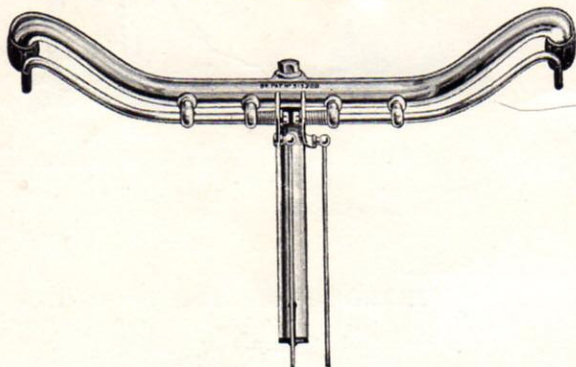
No. 109. — Philco Kiddies Raised Handlebars, with Front Roller Lever Brake.



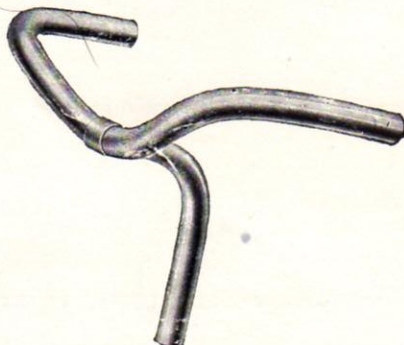
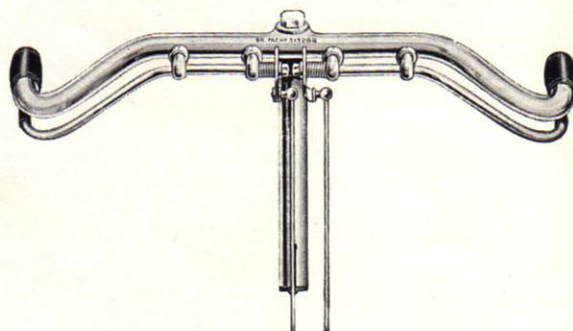
No. 110. — Philco Kiddies Raised Handlebars, with Pull-up Front Brake.



No. 144. — Philco Kiddies North Raised, Handlebars, with Front and Rear Roller Lever Brakes.



No. 145. — Philco Kiddies North Dropped, Handlebars, with Front and Rear Roller Lever Brakes.

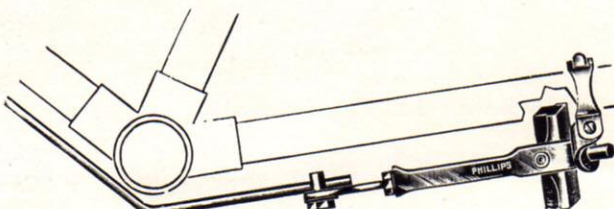
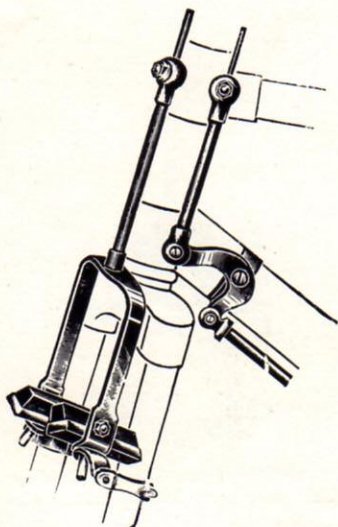


No. 378. Kiddies "Tryke" Handlebars, with Curved Stem, $\frac{1}{8}$ " diam.

All Kiddies Handlebars (except No. 378 pattern) are fitted with $\frac{3}{4}$ " Bends and Stems and are $14\frac{1}{2}$ " wide.

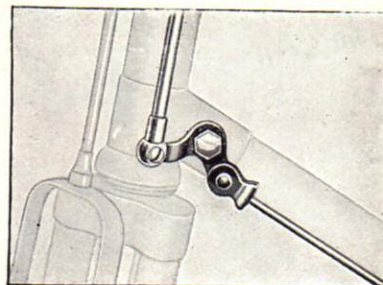
Expander Bolts are fitted as standard, but the Handlebars may be supplied without Expander Bolts if required.

The Brake Bottom Parts are fitted with $\frac{3}{8}$ " Bell Crank Lever Clip and $\frac{3}{4}$ " D Fork and Stay Clips as standard. $\frac{5}{8}$ " D Fork and Stay Clips or Flat Clips for Cast Forks are supplied to order.



The Brake Bottom Parts supplied as standard with Philco Kiddies Handlebar and Brake Sets.

Chromium Plated or All Black Finish supplied to order at an extra charge.

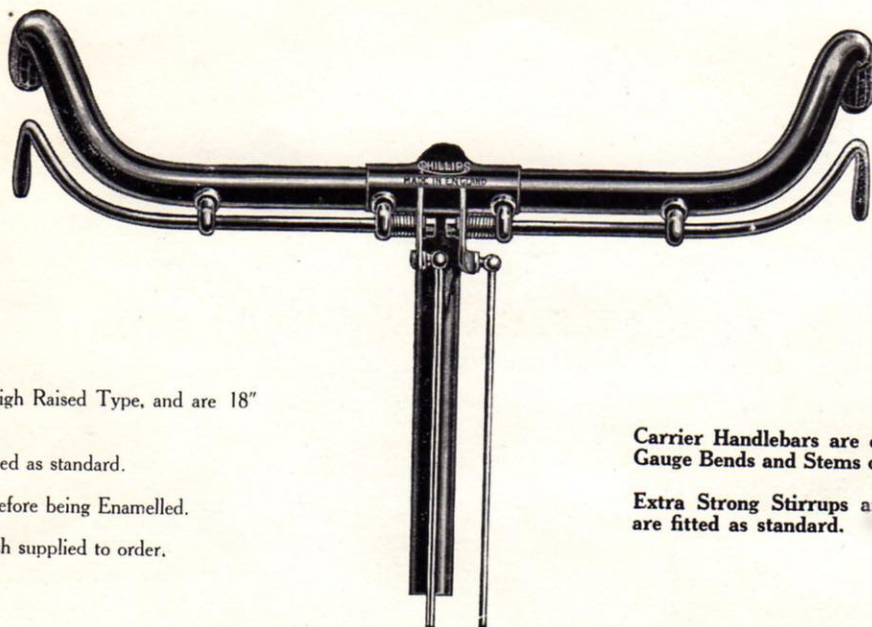


View of Pin Fastening at Bottom Head Lug. This fitment is supplied to order, instead of Clip Fastening, at no extra charge.

PHILLIPS

CYCLE FITMENTS

CARRIER PATTERN HANDLEBAR AND BRAKES.



Carrier Handlebars are of the High Raised Type, and are 18" wide centre to centre.

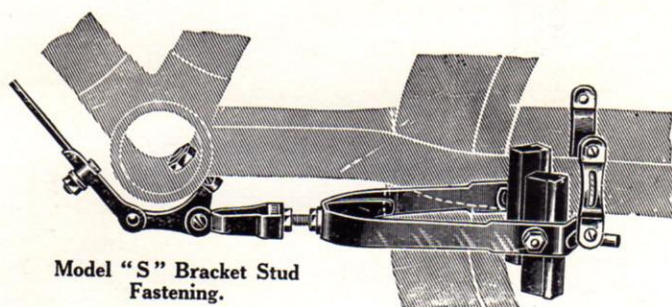
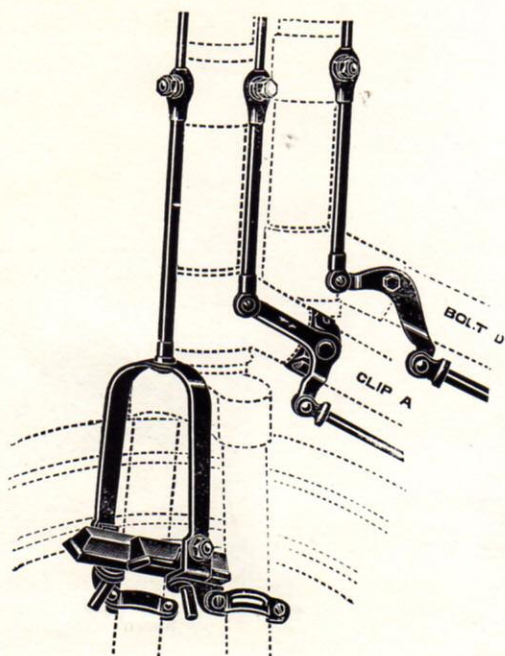
Black Enamelled Finish is supplied as standard.

All Handlebars are Coslettised before being Enamelled.

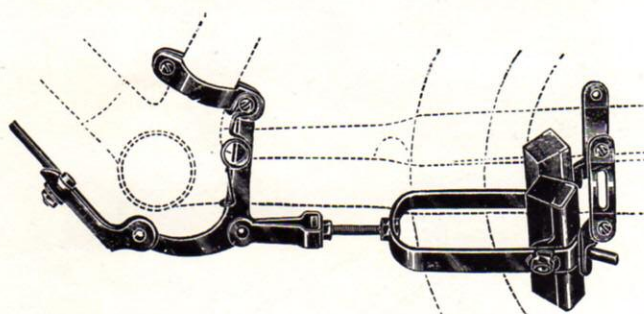
Chromium or Nickel Plated Finish supplied to order.

Carrier Handlebars are constructed from Extra Heavy Gauge Bends and Stems of $\frac{7}{8}$ " diameter.

Extra Strong Stirrups and Large Size Fibrax Blocks are fitted as standard.



Model "S" Bracket Stud Fastening.



Model "E" Leg Clip Fastening.

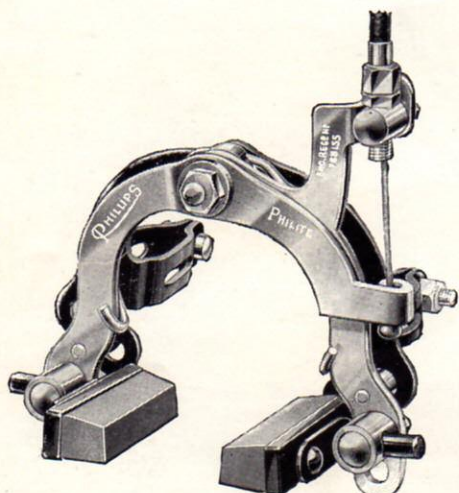
Rear Left Hand is supplied as standard, but Rear Right Hand may be supplied to order.

Unless otherwise stated, Carrier Pattern Brakework is supplied with Clip Fastening at Bottom Head Lug and Bottom Bracket. Pin Fastening at Bottom Head Lug and/or Stud Fastening at Bottom Bracket supplied to order.

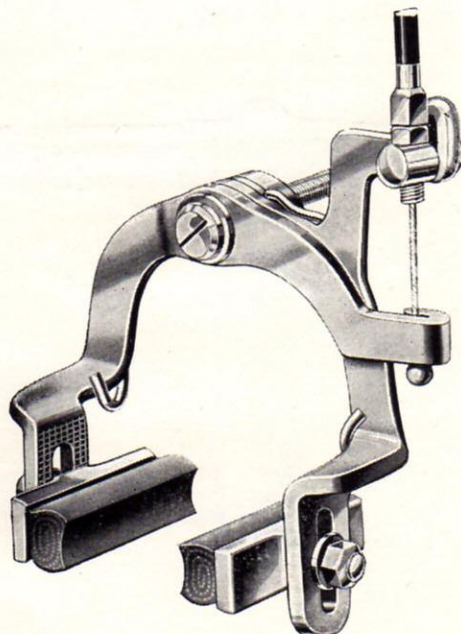
PHILLIPS

CYCLE FITMENTS

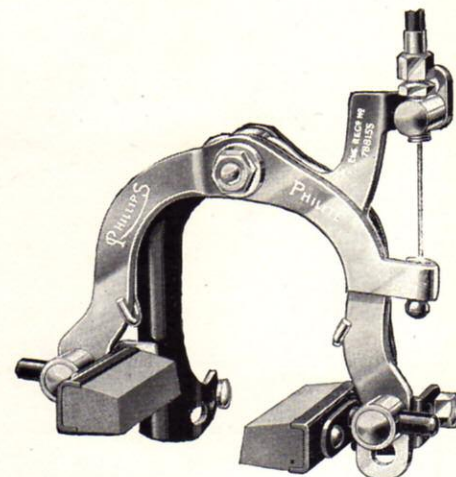
"GRANDE VITESSE," "PHILITE" & "AGRIPPA" CABLE BRAKES.



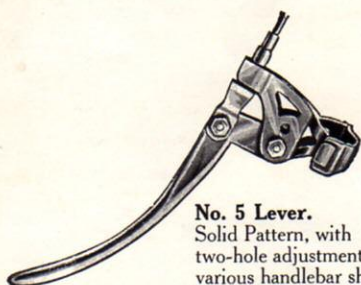
No. 334.—Philite Front Brake, with Clip Fastening.
Waterproof Covered Cable and No. 5 pattern Lever.



No. 330.—Grande Vitesse Front Brake, Bolt Fastening.
Waterproof covered Cable and No. 5 pattern Lever.
John Bull Rolled Canvas Blocks.

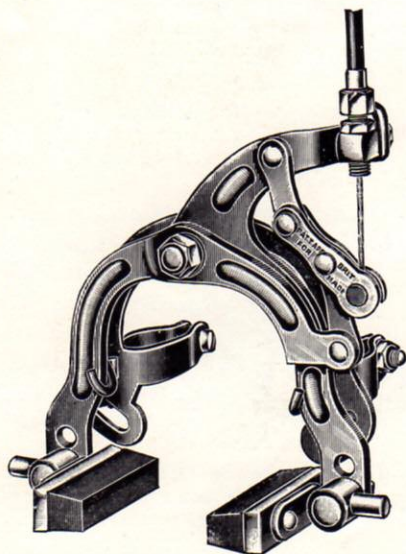


No. 335.—Philite Rear Brake, with Clip Fastening.
Waterproof covered Cable and No. 5 pattern Lever.

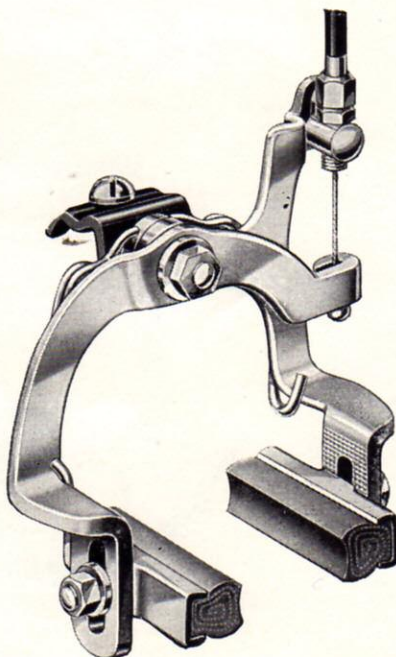


No. 5 Lever.
Solid Pattern, with two-hole adjustment for various handlebar shapes. Supplied as standard on Grande Vitesse, Philite and Agrippa Brakes.

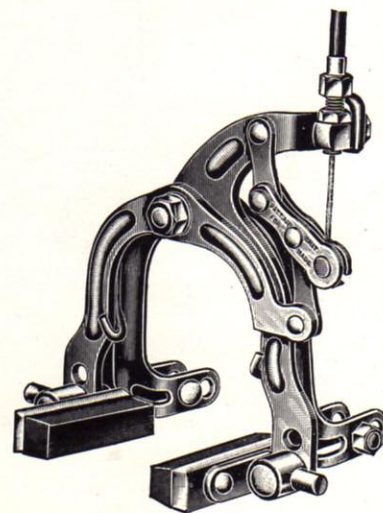
When ordering Rear Cable Brakes, please state whether they are required for Gent's or Ladies' Machines.



No. 338.—Agrippa Front Brake, with Clip Fastening.
Complete with Waterproof covered Cable and No. 5 pattern Lever.



No. 331.—Grande Vitesse Rear Brake, vertical Bolt Fastening.
Waterproof covered Cable and No. 5 pattern Lever. John Bull Rolled Canvas Blocks.



No. 339.—Agrippa Rear Brake, with Clip Fastening.
Complete with Waterproof covered Cable and No. 5 pattern Lever.

Chromium Plated or Black Enamelled Finish supplied to order at an extra charge.

PHILLIPS

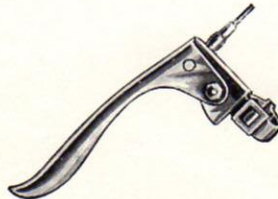
CYCLE FITMENTS

"PHILCO" AND "SELLWELL" CABLE BRAKES.

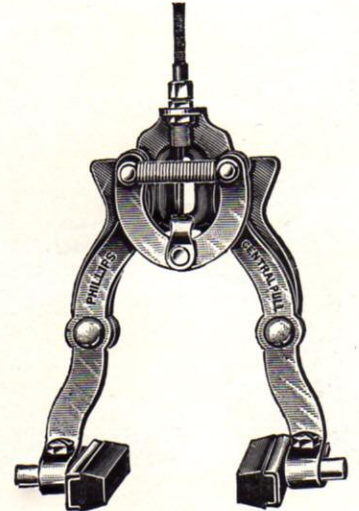


No. 115.—Philco Front Brake.
Complete with Black Enamelled Cable and No. 1 Pattern Lever.
Supplied with D Clips as standard. Oval, 1" Round or $\frac{3}{8}$ " Round to order.

The Philco Model is a good, strong serviceable Brake at a remarkably keen price. Its sturdy construction, neat design and ease of attachment make it an ideal Brake for both original equipment and replacement purposes.

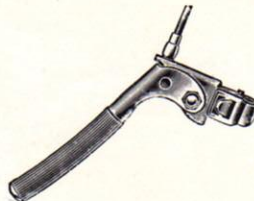


No. 1 Lever.
Supplied as standard with "Philco" Cable Brakes.



No. 116.—Philco Rear Brake.
Complete with Black Enamelled Cable and No. 1 pattern Lever.
Supplied with Back Plate, Pin and Nut, for fitting to any type of Seat Stays. No Stay Clips required.

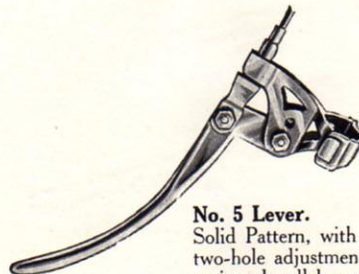
When ordering Rear Cable Brakes, please state whether they are required for Gent's or Ladies' Machines.



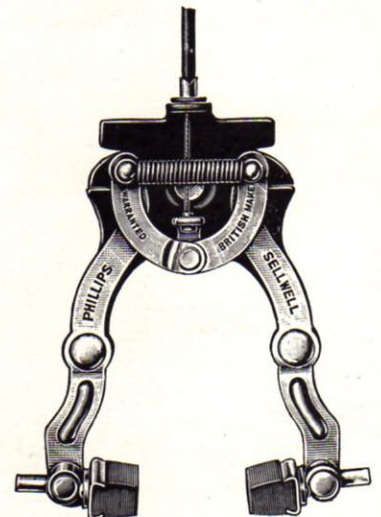
No. 2 Lever.
Supplied to order without extra charge on all Cable Brakes except Philco.



No. 300.—Sellwell Front Brake.
Complete with Waterproof Covered Cable and No. 5 pattern Lever.
Supplied with D Clips as standard. Oval, 1" Round or $\frac{3}{8}$ " Round to order.



No. 5 Lever.
Solid Pattern, with two-hole adjustment for various handlebar shapes. Supplied as standard with Sellwell Brakes.

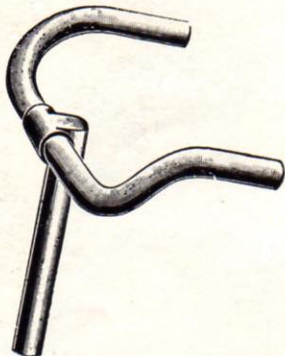


No. 302.—Sellwell Rear.
Supplied with Back Plate, Pin and Nut, for fitting to any type of Seat Stays. No Stay Clips required.

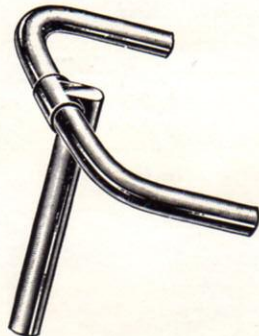
The Sellwell Cable Brake is designed on the Central-Pull Principle which has many adherents among cycling connoisseurs. The Motive Power provided by actuation of the Handlebar Lever is distributed in equal proportions to the Stirrup Side Arms which thus act simultaneously on each side of the Wheel Rim. The Sellwell Brake works smoothly and surely, it is strong and durable, and is in every way a typical example of finest British workmanship.

HANDLEBARS ONLY.

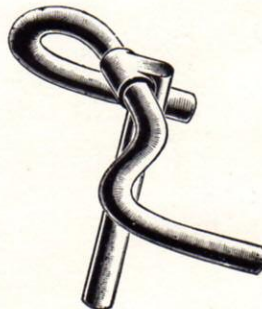
HIGHLY POLISHED AND HEAVILY NICKEL PLATED.



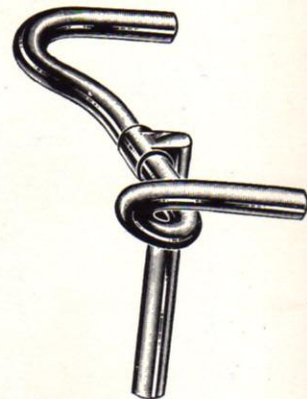
No. 85.
Raised.
17½" wide.



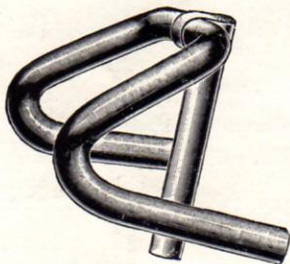
No. 86.
Flat.
17½" wide.



No. 88.
North Road.
Drop.
18" wide.



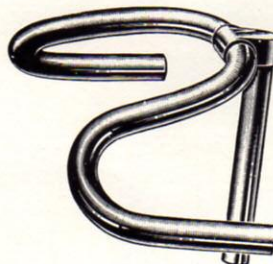
No. 87.
North Road
Raised.
18" wide.



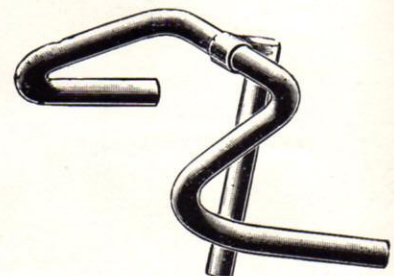
No. 94.—Marsh Model.
15" wide.

No. 112.—Marsh Level Grip.
15" wide.

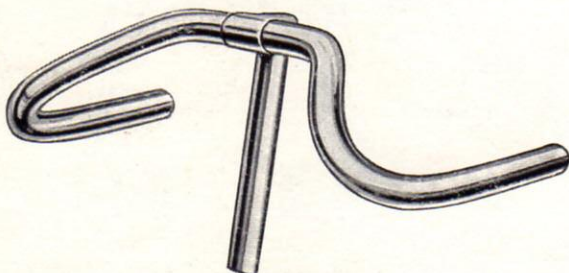
Both the above can be supplied
17" wide to order.



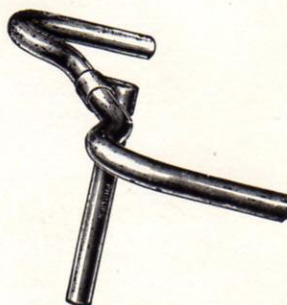
No. 141.
Lauterwasser.



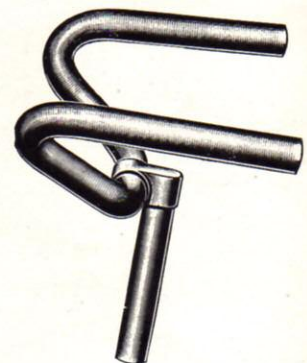
No. 111.
Model H Sports.
18" wide.



No. 136.
Deep North Road Drop.
18" wide.



No. 130.
North Road Flat.
18" wide.



No. 135.
Light Tourist
18" wide.

Expander Bolts fitted at an extra charge.

Supplied in All-black, or Chromium Plated Finish, at an extra charge.

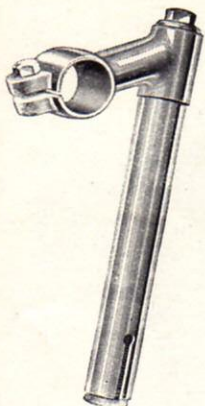
The name Phillips can be marked on the Box Lugs to order, without extra charge.

PHILLIPS

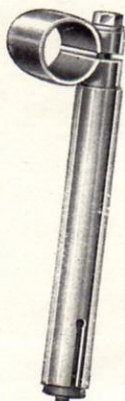
CYCLE FITMENTS

HANDLEBAR STEMS AND BENDS.

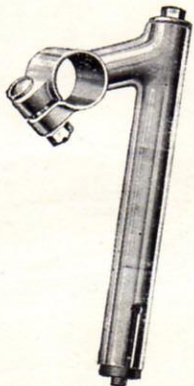
Bends may be supplied fitted to Stems. A nominal charge is made for fitting.



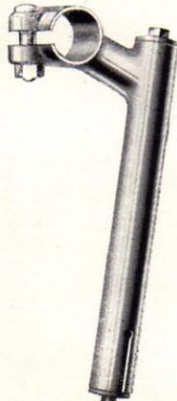
No. 315.
Complete with Bolt
for Expander Fitting.



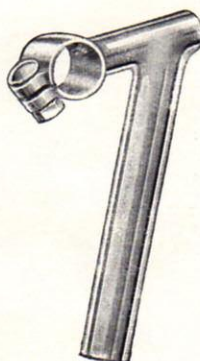
No. 310.
Complete with Bolt
for Expander Fitting.



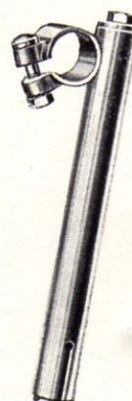
No. 314.
Complete with Bolt
for Expander Fitting.



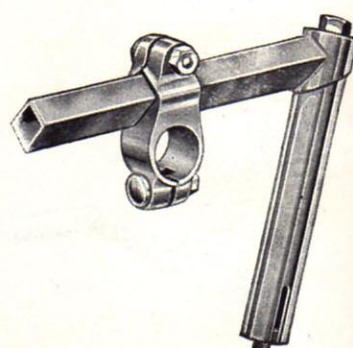
No. 323.
Complete with Bolt
for Expander Fitting.



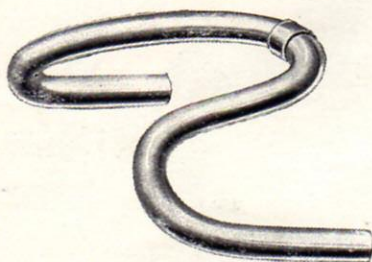
No. 313.
For Ball Head Clip
Fitting.



No. 321.
Complete with Bolt
for Expander Fitting.



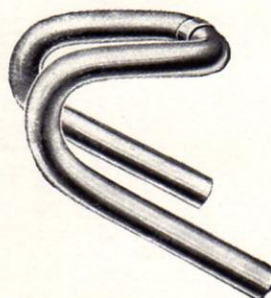
No. 375.
Major Taylor Pattern.
Complete with Bend Clip,
and Bolt for Expander Fitting



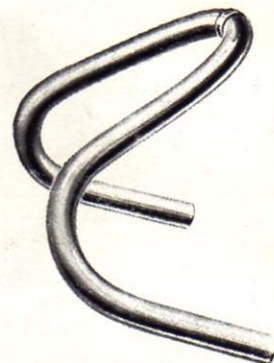
No. 137. Lauterwasser.
16" wide.



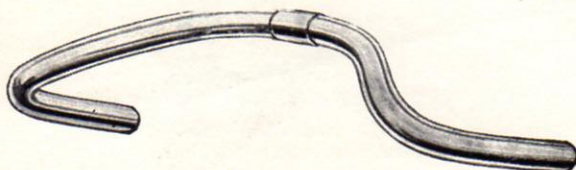
No. 114. Marsh Level Grip.
15" wide. Supplied 17" wide to order.



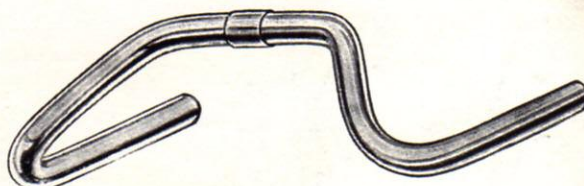
No. 118. Model H Sports.
18" wide.



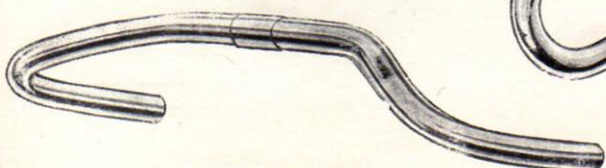
No. 139. Rover.
18" wide.
13½" or 15" wide supplied
to order.



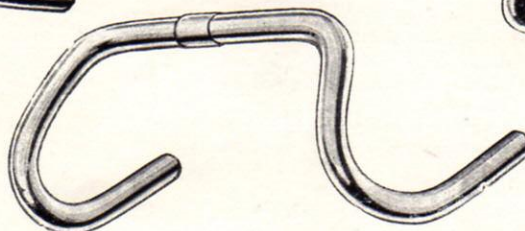
No. 320. S.A.
Standard width, 20".
Supplied to order in 18", 22", 24", 26", 28" and 30".



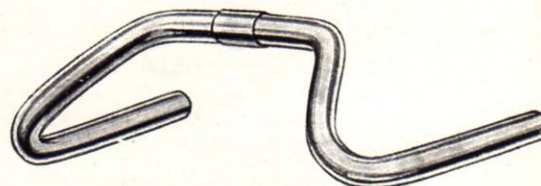
No. 374. Middleton.



No. 340. North Road.
18" wide.



No. 366. Major Taylor.
16" wide.



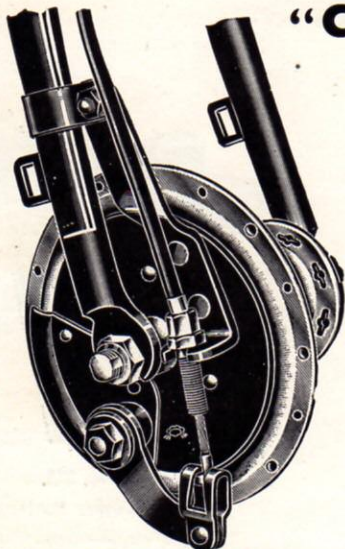
No. 370. Deep North Road.
18" wide.

Supplied in Chromium Plated or Black Enamelled
Finish at an extra charge.

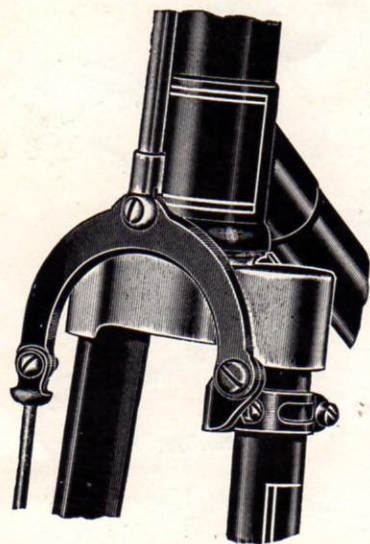
PHILLIPS

CYCLE FITMENTS

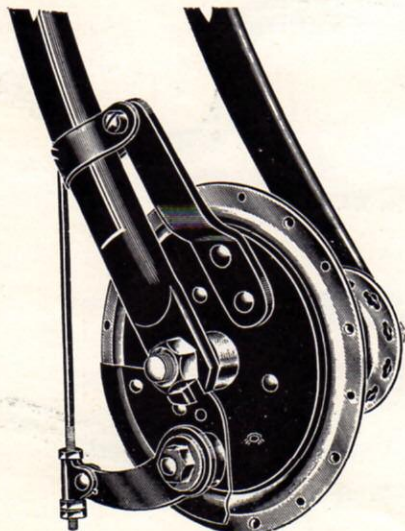
"CRABBE" INTERNAL EXPANDING HUB-BRAKES.



No. 248. Front Hub-Brake.
Complete with Cable and Lever.

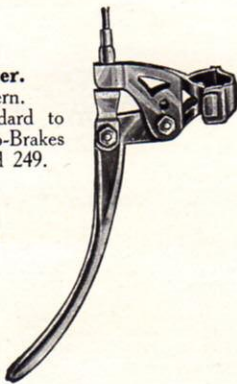


View of Fork Crown Attachment
for Front Hub-Brake No. 246.



No. 246. Front Hub-Brake.
Complete with Transmission Rods.

No. 5 Lever.
Solid Pattern.
Fitted as standard to
Crabbe Hub-Brakes
Nos. 248 and 249.



Cable Transmission.

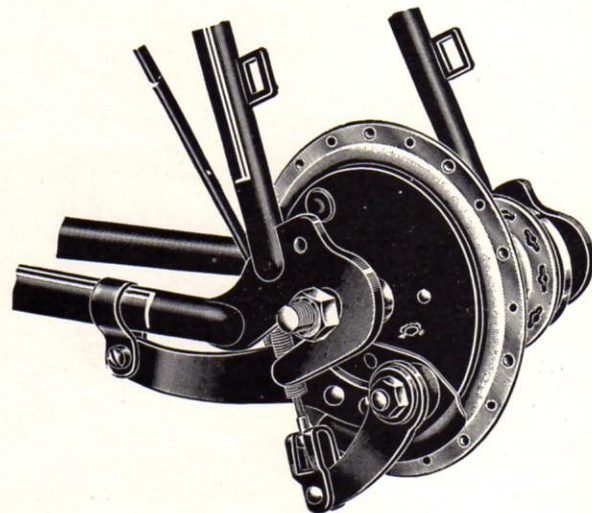
Crabbe Front and Rear Hub-Brakes Nos. 248 and 249 are supplied complete with Levers and Waterproof covered Cables. Adjuster fitted at brake end of cable. When ordering Rear Hub-Brakes No. 249, please state whether required for Gents' or Ladies' machines, as there is a difference in the length of the respective cables. Rear Hub-Brake No. 249 supplied **without** G.C.C.

Rod Transmission.

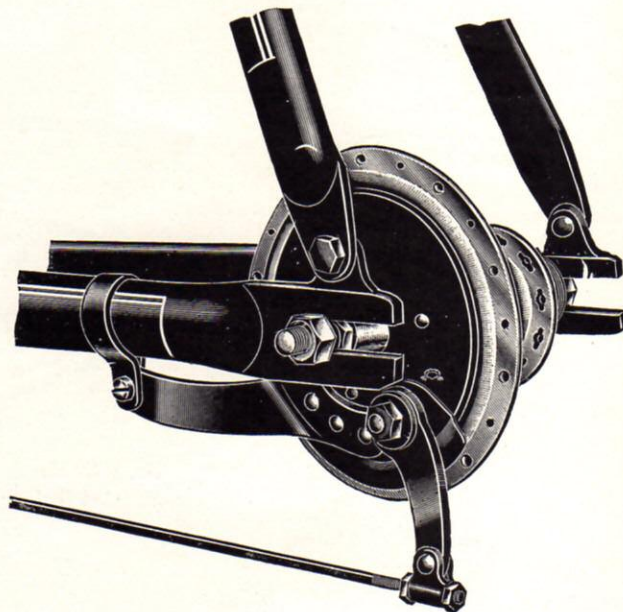
Crabbe Front Hub-Brake No. 246 is supplied complete with Transmission Rod, Swivel and Bolt, Fork Crown Stirrup with Clip, and Front Brake Tube with top and bottom Joints, Pins and Nuts. The Crabbe Rear Hub-Brake No. 247 is supplied complete with Transmission Rod, Swivel and Bolt, Leg Clip attachment Down Tube Rod, Bell Crank Lever with Clip fastening, and Rear Brake Tube with top and bottom Joints, Pins and Nuts. The Transmission Rods supplied with No. 246 and No. 247 Hub-Brakes can be utilised in conjunction with ordinary handlebars and top parts (side pull action) as illustrated on pages 6 and 7. Rear left hand is standard, but rear right hand can be supplied to order without extra charge. The Bell Crank Levers included with the Rear Hub-Brake Attachments are supplied with Clip Fastening as standard, but Bolt Fastening can be supplied to order without extra charge. Rear Hub-Brake No. 247 supplied **with** G.C.C.

General Specification.

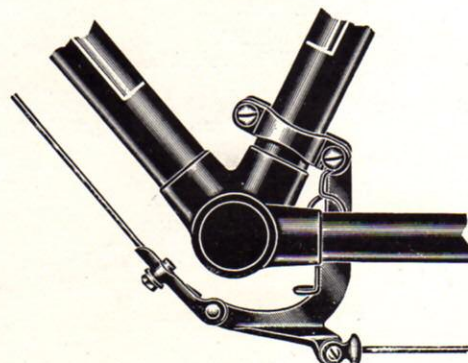
All Models are fitted with $\frac{3}{8}$ " Spindles, flatted to a diameter of $\frac{1}{16}$ ". Front Hub-Brakes are drilled 32 holes and Rear Hub-Brakes 40 holes, and are suitable for 15 gauge spokes. The Linings are of best **Ferodo** quality, and the special construction ensures maximum efficiency. The Brake Linings are protected from oil by a special drainage system, which eliminates the surplus lubricant through a small hole, and a dripper shield, as shown in the illustrations, prevents the oil from re-entering the drum. The Hub Shell and Brake Drum are supplied in Nickel or Chromium Plated finish, and the Anchor Plate including the Cam Lever and Anchor Arm are in black enamel finish.



No. 249. Rear Hub-Brake.
Complete with Cable and Lever.



No. 247. Rear Hub-Brake.
Complete with Transmission Rods.



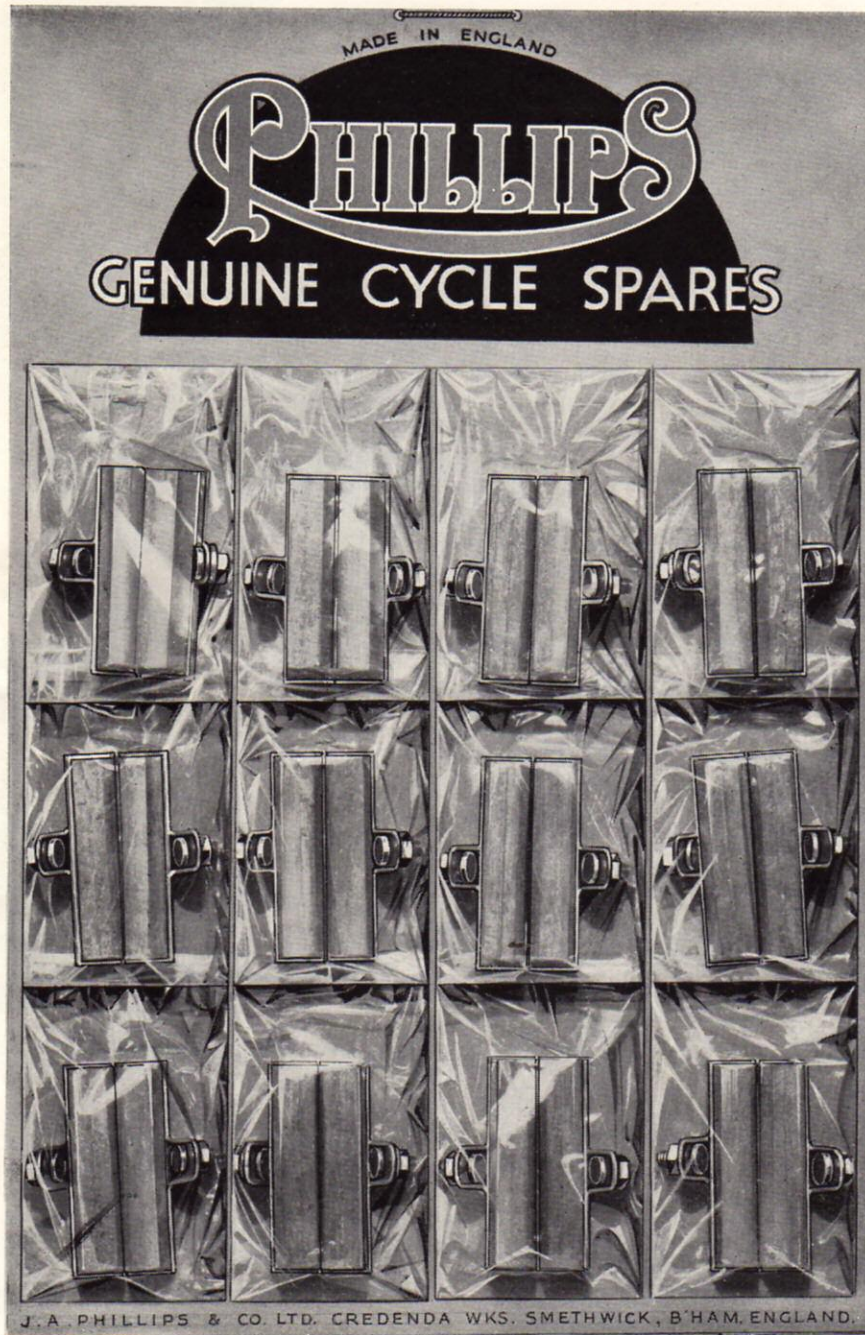
View of Bottom Bracket Attachment.

PHILLIPS

CYCLE FITMENTS

CARDED PARTS.

THESE ATTRACTIVE DISPLAY CARDS WILL HELP TO INCREASE YOUR SALES.



Carded parts in nickel or chromium finish are enclosed in cellophane moisture-proof wrappers, which obviate the danger of tarnishing and the articles retain their original bright finish throughout the time they are on display.

Other small component parts which lend themselves to this type of display and which can be supplied on Cards, are Fork and Stay Clips (Brake Guides), Wing Nuts, Pedal Spindles, Hub Spindles, Chain Adjusters, Pump Clips and Spanners.

"PHILITE" CELLULOID MUDGUARDS.

SUITABLE FOR 26" WHEELS.

These Mudguards are manufactured from the best Celluloid obtainable and are designed to give long and efficient service under all conditions.

The Central Rib and Beaded Edges are features which enhance the appearance of the Mudguards and ensure absolute durability and rigidity.



RACING PATTERN, 1 1/8".

With Spearpoint Extension and Mud Flap to Front Guard.

BLACK:

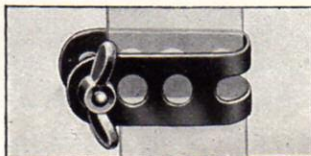
- No. 267. Pin and Nut Fastening at Seat Stay Bridge, and with Stays and Fittings for Brazed-on Attachments.
- No. 268. Clip Fastening at Seat Stay Bridge and with Clip Fitting Stays.
- No. 269. Seat Stay Clip Fastening for Horizontal Bolt Fastening and with Stays and Fittings for Brazed-on Attachments.

WHITE:

- No. 270. Pin and Nut Fastening at Seat Stay Bridge, and with Stays and Fittings for Brazed-on Attachments.
- No. 271. Clip Fastening at Seat Stay Bridge and with Clip Fitting Stays.
- No. 272. Seat Stay Clip Fastening for Horizontal Bolt Fastening and with Stays and Fittings for Brazed-on Attachments.



View of Rear Seat Stay Clip for Horizontal Bolt Fastening, as supplied with Models Nos. 269, 272, 279, 282.



View of Stay Clips, adjustable for use with varying sizes and shapes of Fork and Stay Blades. Supplied with Models Nos. 268, 271, 278 and 281.



WIDE PATTERN, 2 1/8".
With Full Width Extension and Mud Flap to Front Guard.

BLACK:

- No. 277. Pin and Nut Fastening at Seat Stay Bridge, and with Stays and Fittings for Brazed-on Attachments.
- No. 278. Clip Fastening at Seat Stay Bridge and with Clip Fitting Stays.
- No. 279. Seat Stay Clip Fastening for Horizontal Bolt Fastening and with Stays and Fittings for Brazed-on Attachments.

WHITE:

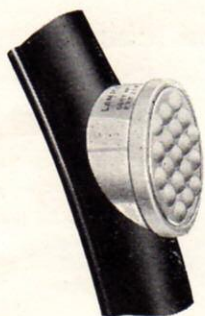
- No. 280. Pin and Nut Fastening at Seat Stay Bridge and with Stays and Fittings for Brazed-on Attachments.
- No. 281. Clip Fastening at Seat Stay Bridge and with Clip Fitting Stays.
- No. 282. Seat Stay Clip Fastening for Horizontal Bolt Fastening and with Stays and Fittings for Brazed-on Attachments.

LAMP LYKE

REAR REFLECTORS

ENCASED IN BLACK OR WHITE POLISHED CELLULOID.

OFFICIALLY APPROVED BY NATIONAL PHYSICAL LABORATORY.
N.P.L. CERTIFICATE No. N.P. 157. PROVISIONAL PATENT No. 21809/35.



No. 161.—Lamplyke Reflector.
Flush Fitting Type,
with Pins and Nuts.

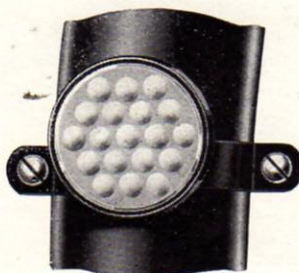
The Lamplyke is priced at a figure which is competitive even with the price of Reflectors offered for sale in the various Chain Stores, yet both as regards quality and finish, the Lamplyke compares favourably with the most expensive Reflector on the market.



No. 164.—Lamplyke Reflector,
with Vertical Bar, drilled two
holes only (Mudguard Stay
Plate Fastening).



No. 162.—Lamplyke Reflector,
with Horizontal Bar, Seat Stay
Clip, Pin and Nut.



No. 165.—Lamplyke Reflector,
with Mudguard Clip, Pins and
Nuts.



No. 163.—Lamplyke Reflector,
with Horizontal Bar, Pin and
Nut (Seat Stay Fitting to
Brazed-on Holder).

THE MINIMUM VOLUME OF LIGHT REFLECTED BY THE LAMP LYKE IS ACTUALLY FOUR TIMES GREATER THAN THE MINIMUM STIPULATED BY THE N.P.L.

PHILLIPS

CYCLE FITMENTS

LINE OF SPECIAL INTEREST TO DEALERS.

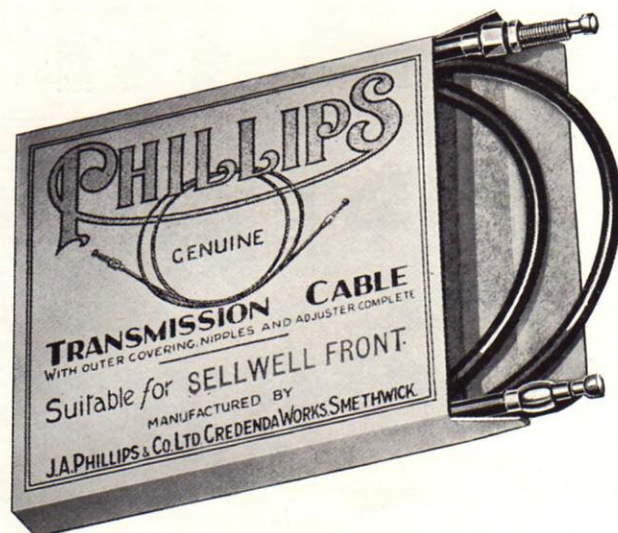


CELTONIA CYCLE CHAIN.

Each Chain is carefully examined at all stages of its production, and finally submitted to a Tensile Breaking Test.

$\frac{1}{8}$ " wide and $\frac{1}{2}$ " pitch supplied as standard.
 $\frac{3}{16}$ " wide and $\frac{1}{2}$ " pitch supplied to order.

Celtonia Chains are supplied in Cartons as illustrated.

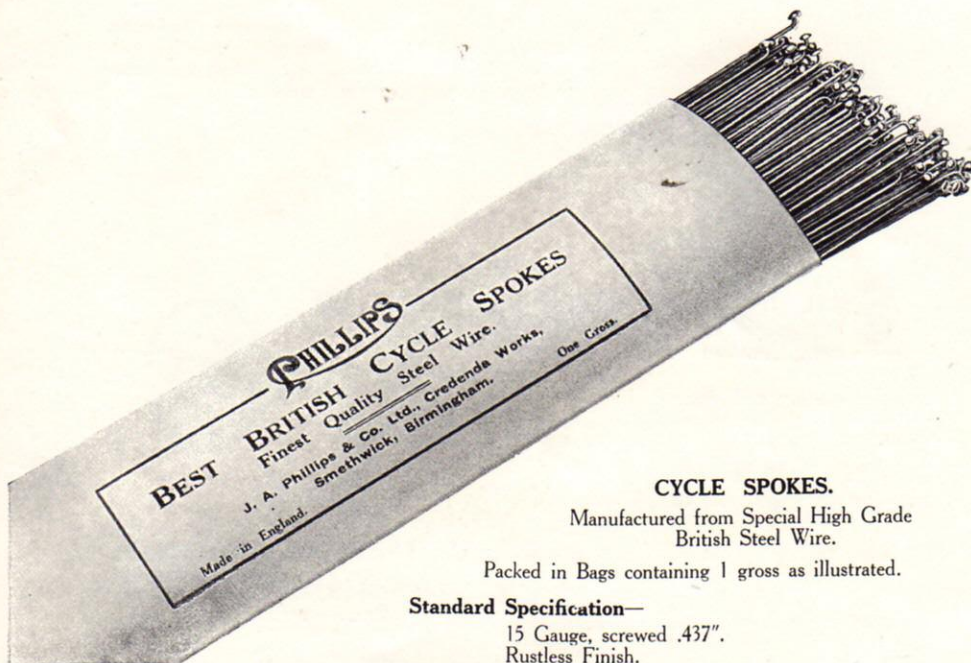


TRANSMISSION CABLES.

Complete with Outer Covering, Nipples and Adjusters
 Constructed from best quality Wire with **extra wide** diameter Core.

With Black Enamelled Outer Covering suitable for Philco Brakes, Front and Rear, Ladies' or Gent's.

With Waterproof Outer Covering, suitable for Sellwell, Apollo, Philite or Agrippa Brakes, Front and Rear, Ladies' or Gent's.



CYCLE SPOKES.

Manufactured from Special High Grade British Steel Wire.

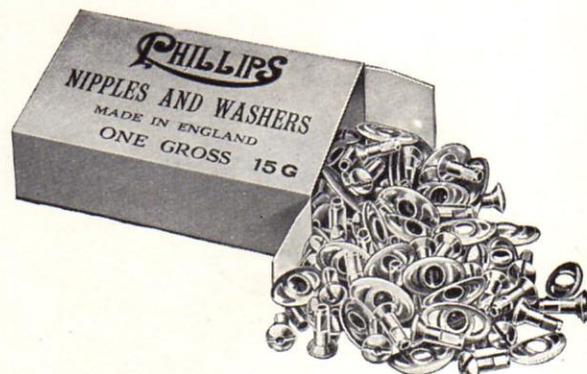
Packed in Bags containing 1 gross as illustrated.

Standard Specification—

15 Gauge, screwed .437".
 Rustless Finish.

Supplied to Order.

14 Gauge, screwed .468".
 Nickel Plated or Black Enamelled Finish.



SPOKE NIPPLES AND WASHERS.

Phillips' Nipples are manufactured from best quality Brass Wire and finished in Nickel Plate.

Packed in Cartons, containing one gross each, Nipples and Washers, as illustrated.

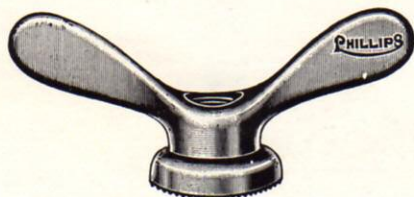
Nipples $\frac{1}{2}$ " long and suitable for 15 gauge Spokes supplied as standard.

Suitable for 14 gauge Spokes supplied to order.

When ordering, customers are particularly requested to state overall length of Spokes required.

PHILLIPS

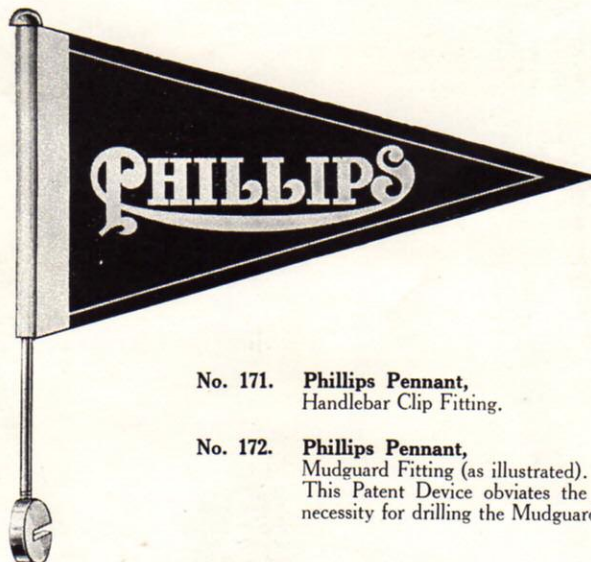
CYCLE FITMENTS



No. 199.—"Club" Wing Nut, suitable for $\frac{1}{8}$ " spindle.
No. 200.—Ditto for $\frac{3}{8}$ " spindle.



No. 193.—Solid Wing Nut, suitable for $\frac{1}{8}$ " spindle.
No. 194.—Ditto for $\frac{3}{8}$ " spindle.



No. 171. Phillips Pennant, Handlebar Clip Fitting.

No. 172. Phillips Pennant, Mudguard Fitting (as illustrated). This Patent Device obviates the necessity for drilling the Mudguard.

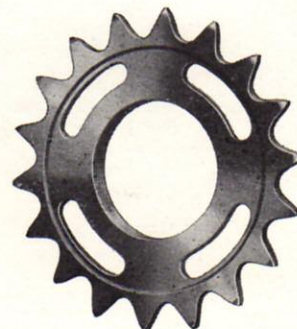
The Chain Ring, Pawls, and Springs can be taken off without removing the centre of the Freewheel from the Hub.



Phillips Free Wheel.

The Phillips Free Wheel has two full rows of $\frac{1}{8}$ " diameter Balls, and perfect running of the Chain Ring is thus ensured. The Chain Ring is symmetrical in shape and has no screw threads or Pawl Sockets to cause distortion.

The following are sizes in which Freewheels and Sprockets may be supplied:
16T, 17T, 18T, 19T, 20T, and 22T.
 $\frac{1}{8}$ " \times $\frac{1}{8}$ " Pitch.
18T. \times $\frac{1}{2}$ " \times $\frac{1}{8}$ " pitch supplied as standard.



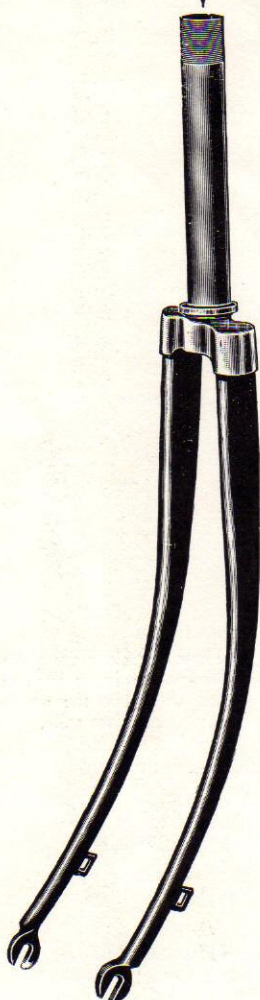
No. 95.—"Celtonia" Hub Sprocket.

These Sprockets are slotted for lightness in the 18T. size and over, but the smaller sizes are solid.

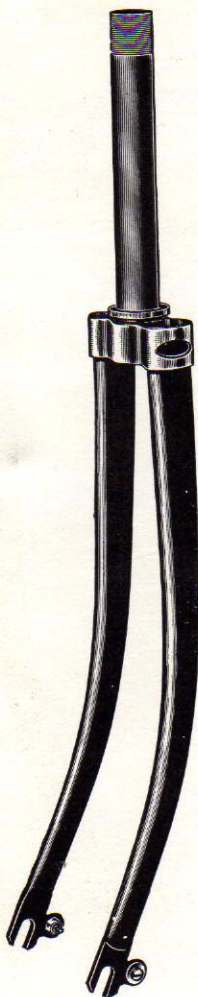
The Phillips Hub Sprocket is made from Hot Steel Forgings, not Pressed from Strip, thus it is more durable, and the Teeth, being correctly formed, give longer life to the Chain, than those of pressed Sprockets. An offset flange affords the advantage of an alternative chain line.

RACING FRONT FORKS

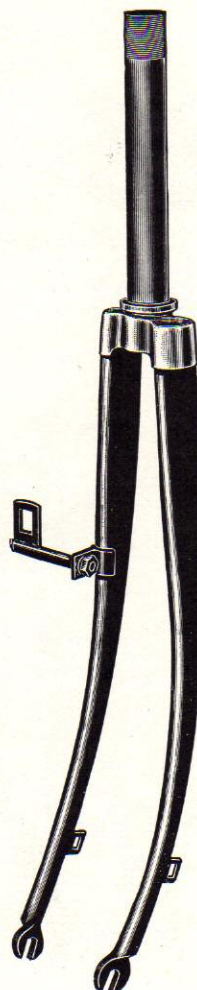
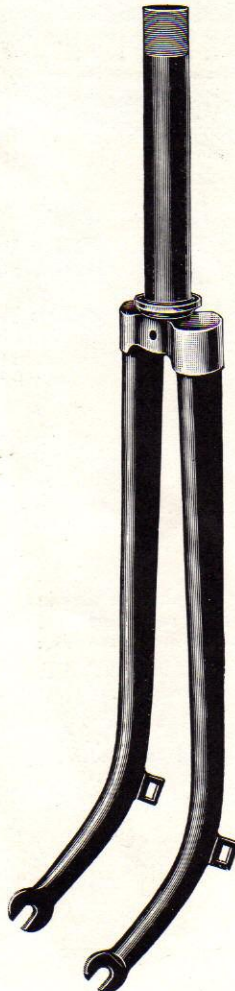
No. 252.
Grande Vitesse
Racing Fork.
With No. 531
curved taper
blades.
With solid
Crown, heavily
plated, and
Crown Race.
Columns 1" dia.
Screwed 1" x 26T
and slotted for
Ball Head clip
fittings.



No. 253.
Grande Vitesse
Racing Fork.
No. 531
Semi-Russ
Blades.
With solid
Crown heavily
plated and
Crown Race.
Columns 1" dia.
Screwed
1" x 26T and
slotted for Ball
Head Clip
fittings.

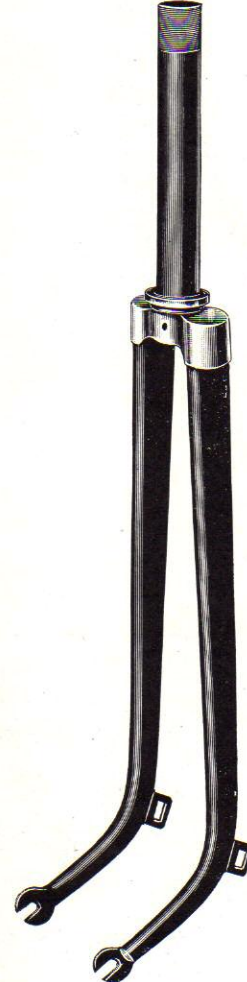


No. 270.
De Luxe
Racing Fork.
With slotted
Box Crown
heavily plated,
and Crown
Race.
Columns 1" dia.
Screwed 1" x 26T
For Expander
Head as
standard.



No. 271.
Super Club
Racing Fork.
With solid
Crown, heavily
plated, and
Crown Race.
Columns 1" dia.
Screwed
1" x 26T and
slotted for Ball
Head Clip
fittings.
Head Clip as
standard.

No. 254.
Grande Vitesse
Racing Fork.
No. 531
Russ Blades with
Solid Crown
heavily plated,
and Crown Race.
Columns 1" dia.
Screwed
1" x 26T and
slotted for Ball
Head Clip
fittings.



When ordering Front Forks please state size of wheels for which they are required and length of stem measured from top of crown, also whether the stems are required screwed $\frac{5}{8}$ " or 3" down. If the Forks are required lined, the lining desired should be specified. Lining charged extra. Also please state whether for Expander or Ball Head Clip Fitting.

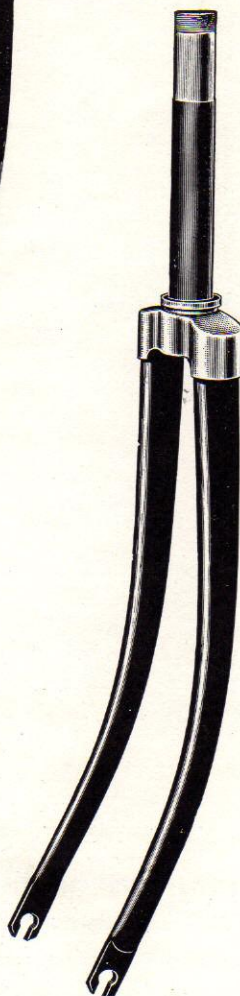
PHILLIPS

CYCLE FITMENTS

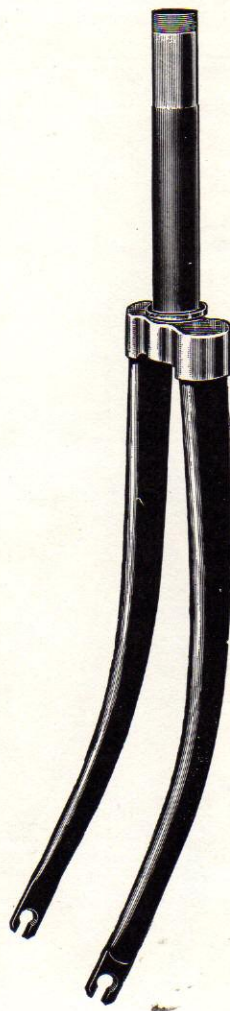
ROADSTER AND CARRIER FRONT FORKS



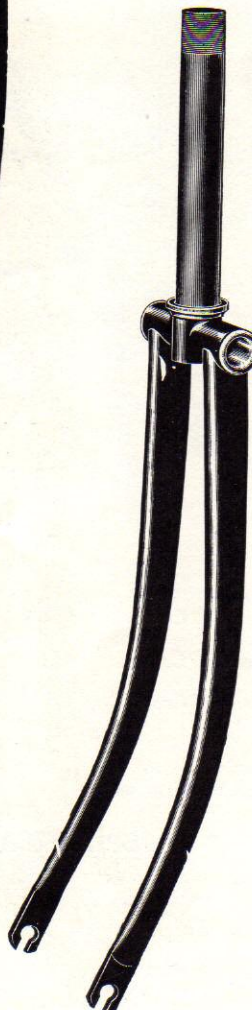
↑
No. 213.
Flat
Front Fork.
With plated
Top Plate and
Crown Race.
Columns 1" dia.
Reduced at top
to $\frac{31}{32}$ " & screwed
30T for Ball
Head Clip as
standard.
Expander Head
1" × 26T sup-
plied to order.



No. 210.
Front Fork.
With sloping
Crown, heavily
plated Box
Cover and
Crown Race.
Columns 1" dia.
Reduced at top
to $\frac{31}{32}$ " & screwed
30T for Ball
Head Clip as
standard.
Expander Head
1" × 26T sup-
plied to order.



No. 203.
"R." Pattern
Tubular
Front Fork.
With enamelled
and lined Crown
and plated Cups.

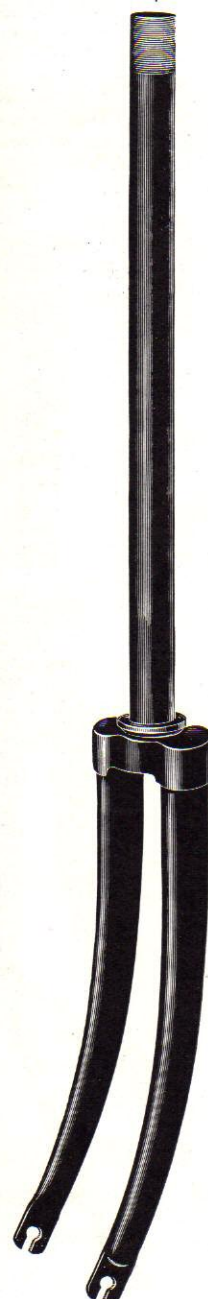


No. 204. With
plated Crown
and plated Cups.
Columns 1" dia.
Screwed
1" × 26T
For Expander
Head
as standard

↑
No. 211.
Flat
Front Fork.
With heavily
plated Box
Cover and
Crown Race.
Columns 1" dia.
Reduced at top
to $\frac{31}{32}$ " & screwed
30T for Ball
Head Clip as
standard.
Expander Head
1" × 26T sup-
plied to order.



↑
No. 255.
Carrier Pattern
Front Fork.
Constructed
from extra heavy
gauge material
throughout.
Columns 1" dia.
Screwed
1" × 26T for
Expander Head
fittings as
standard.



No. 256.
Low Gravity Carrier
Pattern Front Fork.
For 20" wheels only.
Constructed from extra
heavy gauge material
throughout.
Columns 1" dia.
Screwed 1" × 24T for
Expander Head fittings,
as standard.

When ordering Front Forks please state size of wheels for which they are required and length of stem measured from top of crown; also whether the stems are required screwed $\frac{5}{8}$ " or 3" down. If the Forks are required lined, the lining desired should be specified. Lining charged extra. Also please state whether for Expander or Ball Head Clip Fitting

PHILLIPS

CYCLE FITMENTS

"PHILCO" GENT'S FRAME.

Handlebars, Brakes and Pedals are supplied fitted to these Frames to order at the usual List Prices plus a nominal charge for fitting.

SPECIAL FEATURES SUPPLIED TO ORDER AT EXTRA CHARGES.

Chain Adjusters.

Model K Quick Release
Fork Ends.

5-pin Joggled or 5-pin
Flanged Chain Wheels and
Crank on all models
except 16" and 18".

Usual Plated parts in
Chromium Plated or All-
black Finish.

Frame, Mudguards, and
Stays enamelled all over in
Green, Maroon, Ivory, Red,
Orange or Blue (Plain or
Mottled).

SPECIAL FEATURES SUPPLIED TO ORDER AT EXTRA CHARGES.

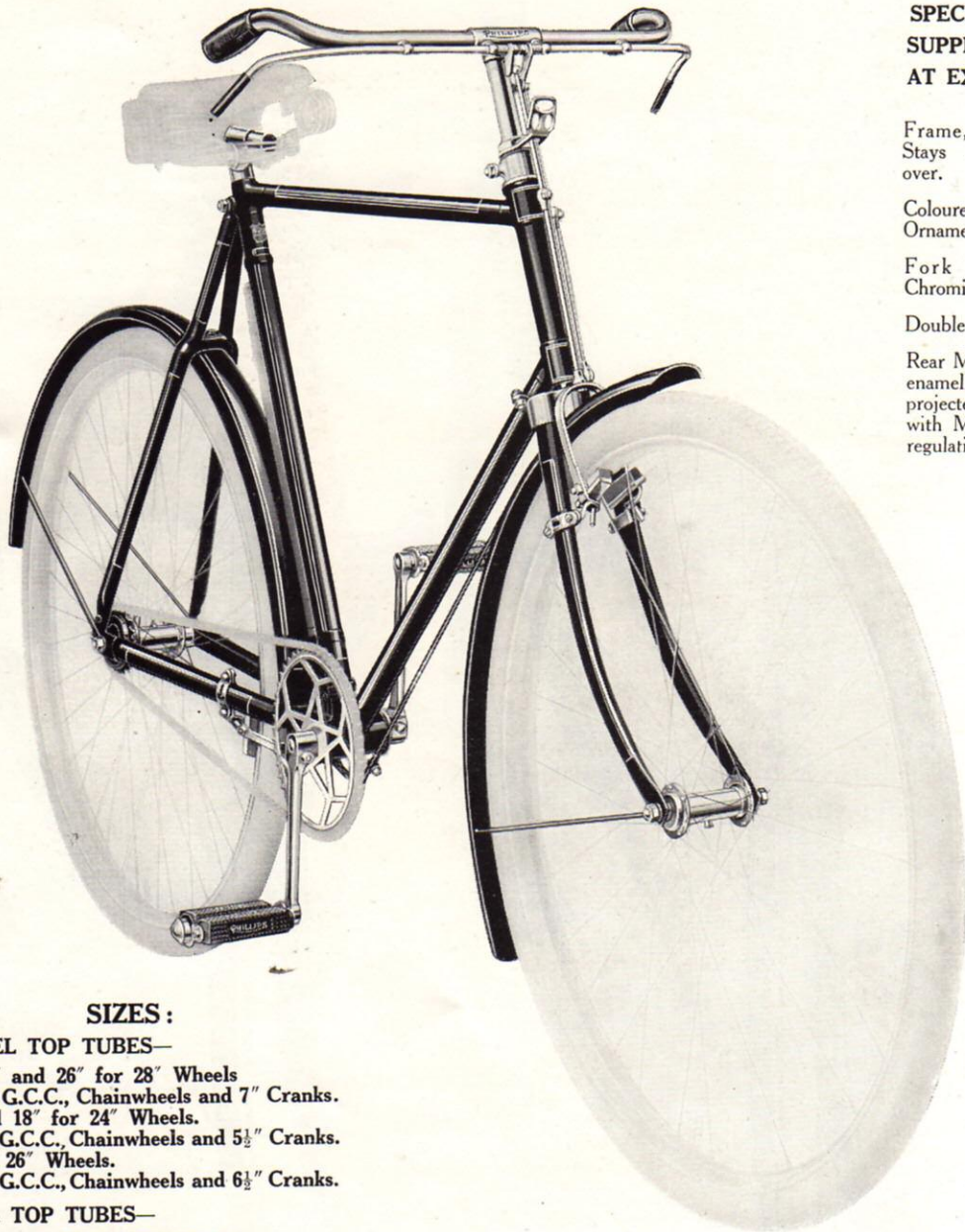
Frame, Mudguards and
Stays Nickel Plated all
over.

Coloured Heads and Peak
Ornaments.

Fork Ends Nickel or
Chromium Plated.

Double Top Tubes.

Rear Mudguards with white
enamelled patch, giving a
projected area to conform
with Ministry of Transport
regulations.



SIZES :

PARALLEL TOP TUBES—

22", 24" and 26" for 28" Wheels
48T, G.C.C., Chainwheels and 7" Cranks.
16" and 18" for 24" Wheels.
40T, G.C.C., Chainwheels and 5½" Cranks.
20" for 26" Wheels.
44T, G.C.C., Chainwheels and 6½" Cranks.

SLOPING TOP TUBES—

22", 24" and 26" for 26" Wheels.
48T, G.C.C., Chainwheels and 6½" Cranks.

SPECIFICATION.

Frame Built with High Grade British Steel Tubing.
D Section Forks and Stays.
Cotterless Brackets.
Fixed Chainwheel and Cranks ($1\frac{1}{2}$ " Chainline, $\frac{1}{2}$ " \times $\frac{1}{8}$ " Pitch).
Forward Pattern Seat Pillar.
Ball Head Clip Fittings.
Plated Full Box Crown Cover.

Head Fitting Lamp Bracket.
Mudguards, Extra Strong 24 Gauge Deep Rounded Section.
Mudguard Stays, Plate Fastening Type.

FINISH:—One coat of Special Rust Preventive and heavily
coated with Finest Black Enamel.
Panel Lining in Double Gold as Standard, but a
variety of other Colours to order.

PHILLIPS

CYCLE FITMENTS

"PHILCO" LADIES' FRAME

Handlebars, Brakes and Pedals are supplied fitted to these Frames to order at the usual List Prices for these parts, plus a nominal charge for fitting.

SPECIAL FEATURES SUPPLIED TO ORDER AT EXTRA CHARGES.

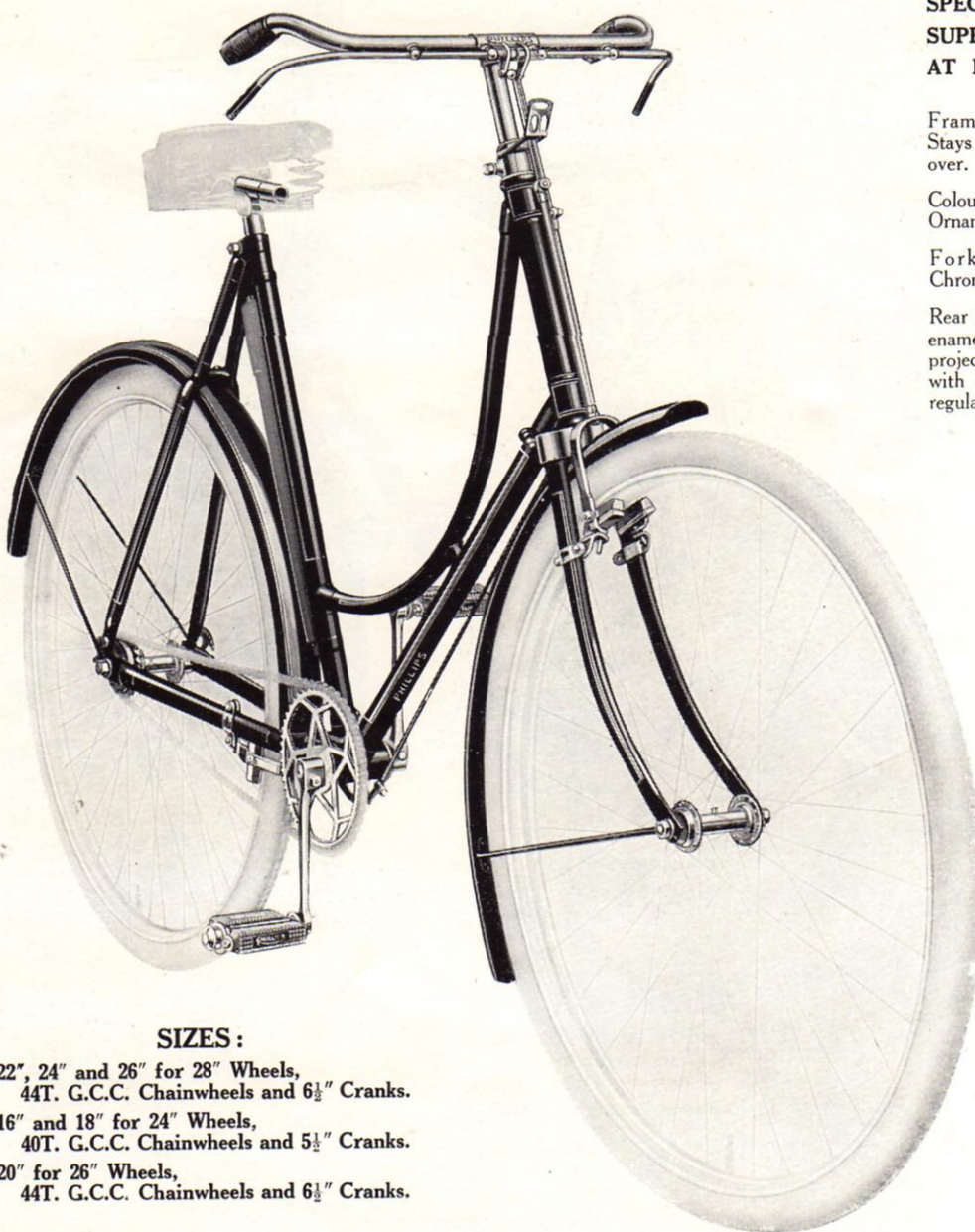
Chain Adjusters.

Model K Quick Release Fork Ends.

5-pin Joggled or 5-pin Flanged Chain Wheels and Cranks on all models except 16" and 18".

Usual Plated parts in Chromium Plated or All-black Finish.

Frame, Mudguards, and Stays enamelled all over in Green, Maroon, Ivory, Red, Orange or Blue (Plain or Mottled).



SPECIAL FEATURES SUPPLIED TO ORDER AT EXTRA CHARGES.

Frame, Mudguards and Stays Nickel Plated all over.

Coloured Heads and Peak Ornaments.

Fork Ends Nickel or Chromium Plated.

Rear Mudguards with white enamelled patch, giving a projected area to conform with Ministry of Transport regulations.

SIZES :

22", 24" and 26" for 28" Wheels,
44T. G.C.C. Chainwheels and 6½" Cranks.
16" and 18" for 24" Wheels,
40T. G.C.C. Chainwheels and 5½" Cranks.
20" for 26" Wheels,
44T. G.C.C. Chainwheels and 6½" Cranks.

SPECIFICATION :

Frame Built with High Grade British Steel Tubing.

D Section Forks and Stays.

Cotterless Brackets.

Fixed Chainwheel and Cranks (1½" Chainline, ½" × ⅛" Pitch).

Forward Pattern Seat Pillar.

Ball Head Clip Fittings.

Plated Full Box Crown Cover.

Head Fitting Lamp Bracket.

Mudguards, Extra Strong 24 Gauge Deep Rounded Section.

Mudguard Stays, Plate Fastening Type.

FINISH:—One coat of Special Rust Preventive and heavily coated with Finest Black Enamel.
Panel Lining in Double Gold as Standard, but a variety of other Colours to order.

PHILLIPS

CYCLE FITMENTS

"POPULAR" GENT'S LIGHTWEIGHT FRAME.

Handlebars, Brakes and Pedals are supplied fitted to these Frames to order at the usual List Prices plus a nominal charge for fitting.

SPECIAL FEATURES SUPPLIED TO ORDER AT EXTRA CHARGES.

Peak Ornaments.

Usual Plated parts in Chromium Plated or All-Black Finish.

Frame, Mudguards and Stays enamelled all over in Green Ivory, Red, Maroon, Orange or Blue (Plain or Mottled).

Frame, Mudguards and Stays Nickel Plated all over.

SPECIAL FEATURES SUPPLIED TO ORDER AT EXTRA CHARGES.

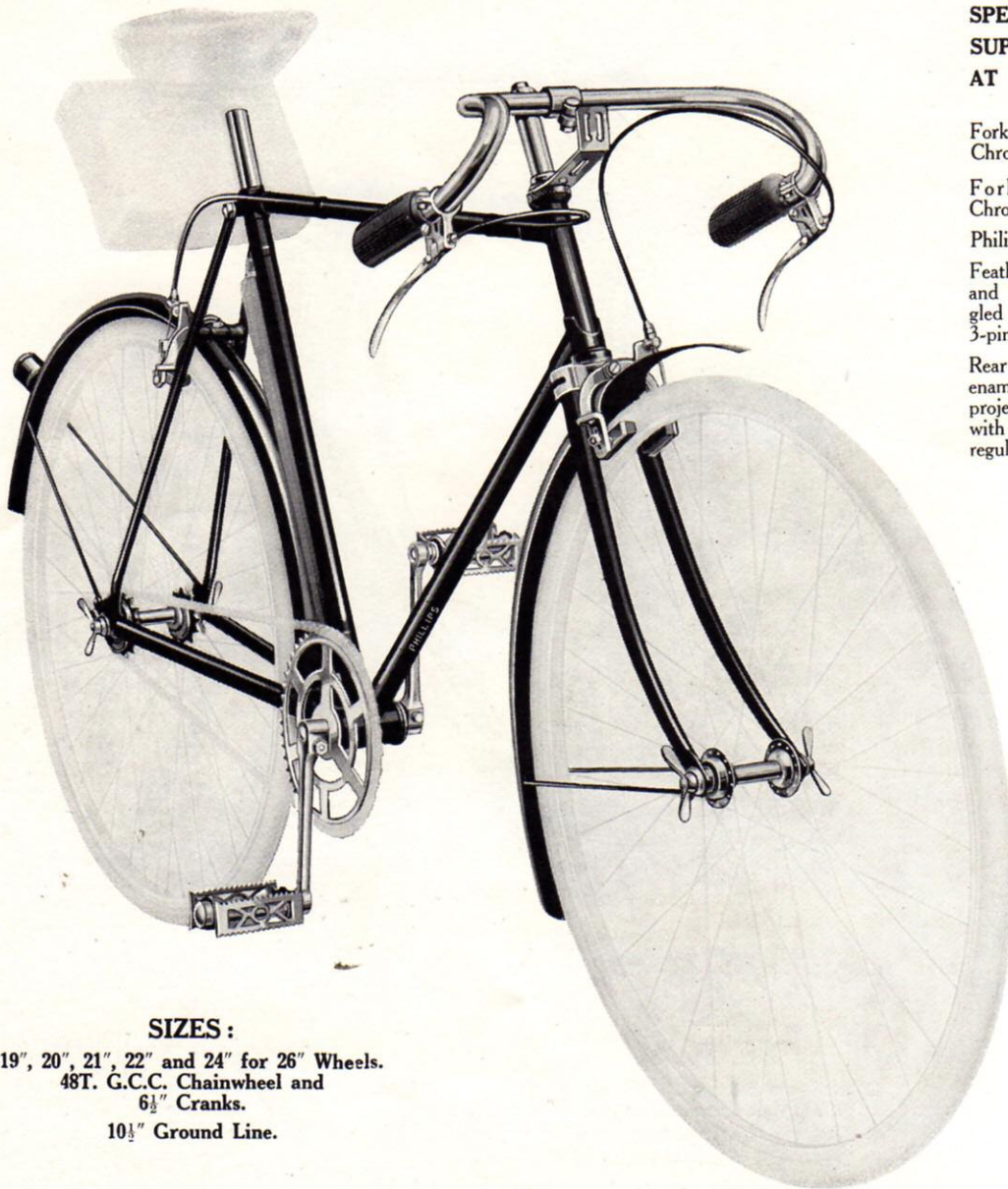
Fork Blades Fully Nickel or Chromium Plated.

Fork Ends Nickel or Chromium Plated.

Philite Celluloid Mudguards.

Feather-weight Chain Wheels and Cranks with either Jogged or Flanged Wheels and 3-pin or fixed Cranks.

Rear Mudguards with white enamelled patch, giving a projected area to conform with Ministry of Transport regulations.



FLAMBOYANT FINISH.

Supplied to order, at an extra charge, in the following shades:

Amber.
Rose.
Green.
Blue.
Scarlet.

SIZES:

19", 20", 21", 22" and 24" for 26" Wheels.
48T. G.C.C. Chainwheel and
6½" Cranks.
10½" Ground Line.

SPECIFICATION:

Frame built with High Grade British Steel Tubing, 1"×1"× $\frac{7}{8}$ ".

Straight Tapered Chain Stays.

Straight Round Seat Stays (Bolted-up at Seat Lug).

Quick Release Fork Ends.

Fixed Chain Wheel (1½" Chainline, ½"× $\frac{1}{8}$ " Pitch).

Cotterless Bracket.

Straight Pattern Seat Pillar.

Expander Head Fittings.

Head Fitting Lamp Bracket.

Flat Box Crown (heavily Plated).

Mudguards, Racing Pattern, with Spearpoint Extension.

Mudguard Stays, Plate Fastening Type.

FINISH:—One coat of Special Rust Preventive and heavily coated with Finest Black Enamel.
Single Lining in Gold as standard, but a variety of other Colours to order.

PHILLIPS

CYCLE FITMENTS

"POPULAR" LADIES' LIGHTWEIGHT FRAME.

Handlebars, Brakes and Pedals are supplied fitted to these Frames to order at the usual List Prices plus a nominal charge for fitting.

SPECIAL FEATURES SUPPLIED TO ORDER AT EXTRA CHARGES.

Peak Ornaments.

Usual Plated parts in Chromium Plated or All-Black Finish.

Frame, Mudguards and Stays enamelled all over in Green, Ivory, Red, Maroon, Orange or Blue (Plain or Mottled).

Frame, Mudguards and Stays Nickel Plated all over.

SPECIAL FEATURES SUPPLIED TO ORDER AT EXTRA CHARGES.

Fork Blades fully Nickel or Chromium Plated.

Fork Ends Nickel or Chromium Plated.

Philite Celluloid Mudguards.

Waltonia" Feather-weight Chain Wheels and Cranks with either Joggled or Flanged Wheels and 3-pin or fixed Cranks.

Rear Mudguards with white enamelled patch, giving a projected area to conform with Ministry of Transport regulations.



FLAMBOYANT FINISH.

Supplied to order, at an extra charge in the following shades :

Amber.
Rose.
Green.
Blue.
Scarlet.

SIZES :

19", 20", 21", 22" and 24" for 26" Wheels.
48T. G.C.C. Chainwheel and
6½" Cranks.
10½" Ground Line.

SPECIFICATION :

Frame built with High Grade British Steel Tubing.
Straight Round Seat Stays (Bolted-up at Seat Lug).
Quick Release Fork Ends.
Fixed Chain Wheel (1½" Chainline, ½"×⅛" Pitch).
Cotterless Bracket.
Straight Pattern Seat Pillar.
Expander Head Fittings.

Head Fitting Lamp Bracket.
Flat Box Crown (heavily Plated).
Mudguards, Racing Pattern, with Spearpoint Extension.
Mudguard Stays, Plate Fastening Type.

FINISH :—One coat of Special Rust Preventive and heavily coated with Finest Black Enamel.
Single Lining in Gold as standard, but a variety of other Colours to order.

PHILLIPS

CYCLE FITMENTS

"PHILRACE" GENT'S LIGHTWEIGHT FRAME.

Handlebars, Brakes and Pedals are supplied fitted to these Frames to order at the usual List Prices plus a nominal charge for fitting.

SPECIAL FEATURES SUPPLIED TO ORDER AT EXTRA CHARGES.

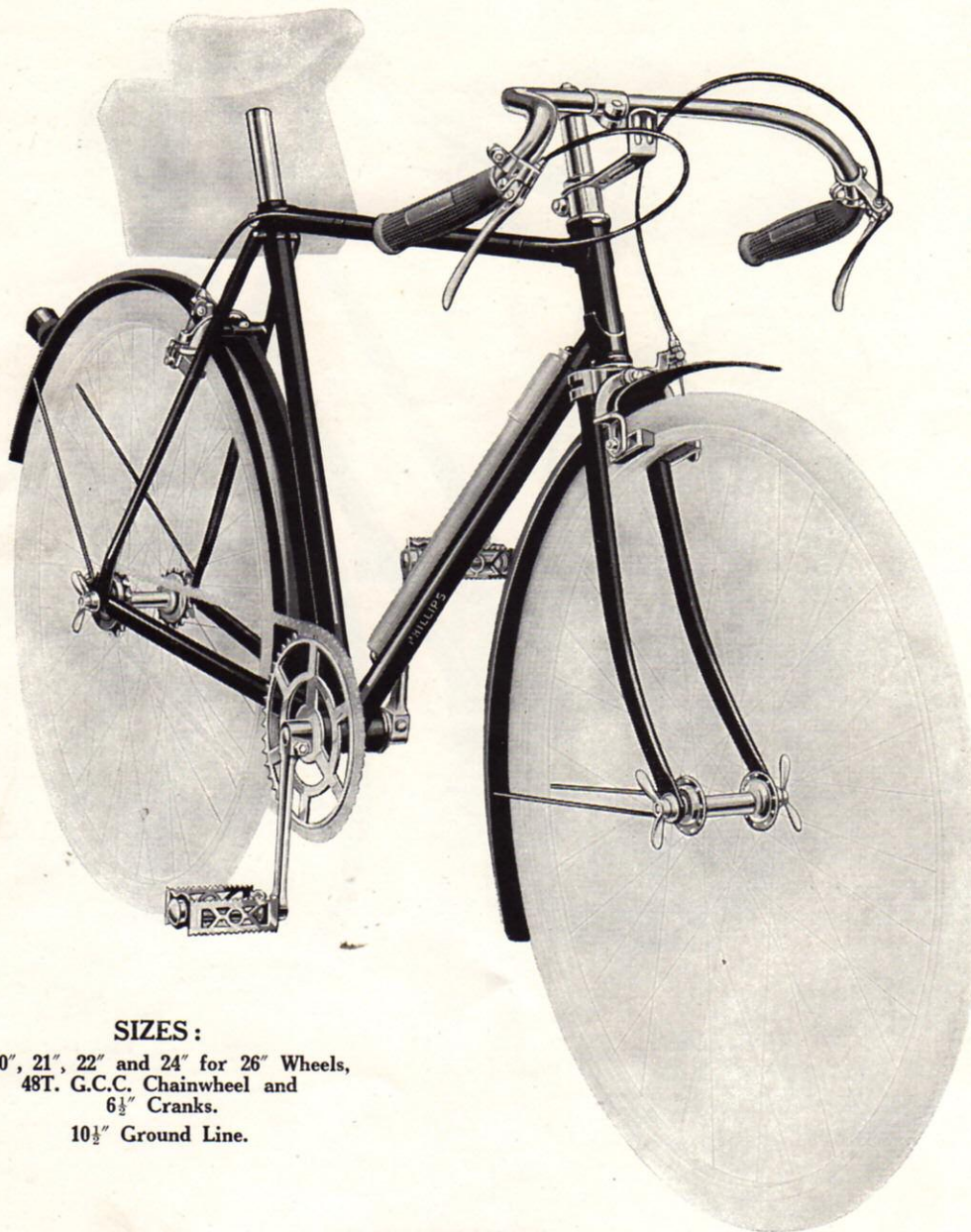
Chain Adjusters.

"Waltonia" Feather-weight Chain Wheels and Cranks with either Joggled or Flanged Wheels and 3-pin or fixed Cranks.

Williams 5-pin Joggled or 5-pin Flanged Chain Wheels and Cranks.

Usual Plated parts in Chromium Plated or All-Black Finish.

Fork Blades Fully Nickel or Chromium Plated.



SPECIAL FEATURES SUPPLIED TO ORDER AT EXTRA CHARGES.

Fork Ends Nickel or Chromium Plated.

Philite Celluloid Mudguards.

Frame, Mudguards and Stays enamelled all over in Green, Ivory, Red, Maroon, Orange or Blue (Plain or Mottled).

Frame, Mudguards and Stays Nickel Plated all over.

Rear Mudguards with white enamelled patch, giving a projected area to conform with Ministry of Transport regulations.

FLAMBOYANT FINISH.

Supplied to order, at an extra charge in the following shades:

Amber.
Rose.
Green.
Blue.
Scarlet.

SIZES:

20", 21", 22" and 24" for 26" Wheels,
48T. G.C.C. Chainwheel and
6½" Cranks.
10½" Ground Line.

SPECIFICATION.

Frame built with High Grade British Steel Tubing, 1½"×1½"×1".
Straight Tapered Chain Stays.
Straight Round Seat Stays (Brazed-up at Seat Lug).
Brazed-on Pump Pegs.
Special Cut-out Lugs.
Detachable Ball Race Seating at Bottom Head Lug.
Quick Release Fork Ends.
Fixed Chain Wheel (1½" Chainline, ½"×⅛" Pitch).
Cotterless Bracket.
Straight Pattern Seat Pillar.

Ball Head Clip Fittings (Improved Pattern One-piece Head Clip).
Head Fitting Lamp Bracket.
Flat Box Crown (heavily Plated).
Mudguards, Racing Pattern, with Spearpoint Extension.
Mudguard Stays, Plate Fastening Type.

FINISH:—One coat of Special Rust Preventive and heavily coated with Finest Black Enamel.
Single Lining in Gold as standard, but a variety of other Colours to order.

PHILLIPS

CYCLE FITMENTS

"PHILRACE" LADIES' LIGHTWEIGHT FRAME

Handlebars, Brakes and Pedals are supplied fitted to these Frames to order at the usual List Prices plus a nominal charge for fitting.

SPECIAL FEATURES SUPPLIED TO ORDER AT EXTRA CHARGES.

Chain Adjusters.

"Waltonia" Feather-weight Chain Wheels and Cranks with either Joggled or Flanged Wheels and 3-pin or fixed Cranks.

Williams 5-pin Joggled or 5-pin Flanged Chain Wheels and Cranks.

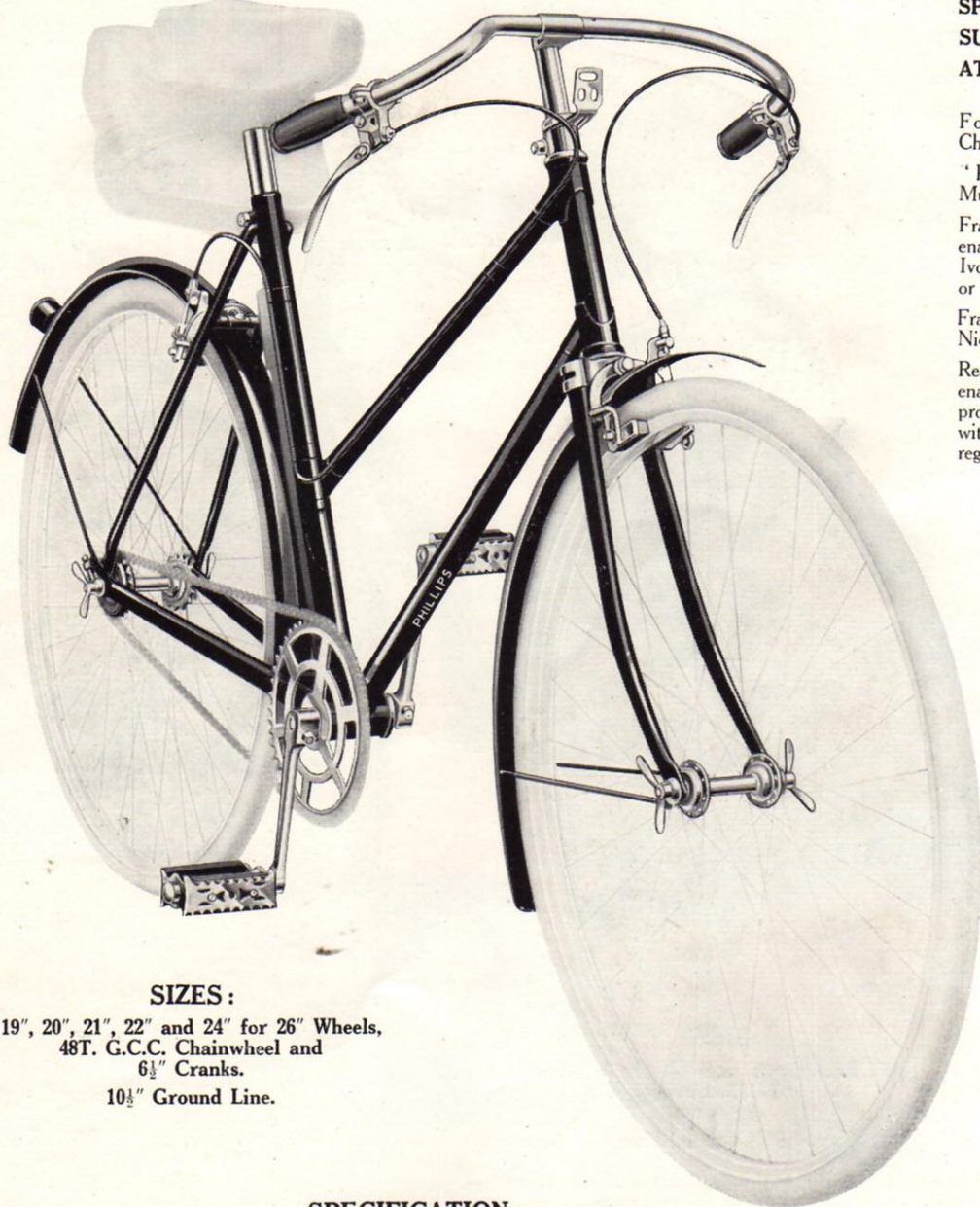
Usual Plated parts in Chromium Plated or All-Black Finish.

Fork Blades fully Nickel or Chromium Plated.

FLAMBOYANT FINISH.

Supplied to order, at an extra charge in the following shades :

Amber.
Rose.
Green.
Blue.
Scarlet.



SIZES :

19", 20", 21", 22" and 24" for 26" Wheels,
48T. G.C.C. Chainwheel and
6½" Cranks.
10½" Ground Line.

SPECIFICATION :

Frame built with High Grade British Steel Tubing, 1½"×1½"×1".

Straight Tapered Chain Stays.

Straight Round Seat Stays (Brazed-up at Seat Lug).

Brazed-on Pump Pegs.

Special Cut-out Lugs.

Detachable Ball Race Seating at Bottom Headlug.

Quick Release Fork Ends.

Fixed Chain Wheel (1½" Chainline, ½"×⅛" Pitch).

Cotterless Bracket.

Straight Pattern Seat Pillar.

Ball Head Clip Fittings (Improved Pattern One-piece Head Clip).

Head Fitting Lamp Bracket.

Flat Box Crown (heavily Plated).

Mudguards, Racing Pattern, with Spearpoint Extension.

Mudguard Stays, Plate Fastening Type.

FINISH :—One coat of Special Rust Preventive and heavily coated with Finest Black Enamel.
Single Lining in Gold as standard, but a variety of other Colours to order.

SPECIAL FEATURES SUPPLIED TO ORDER AT EXTRA CHARGES.

Fork Ends Nickel or Chromium Plated.

"Philite" Celluloid Mudguards.

Frame, Mudguards and Stays enamelled all over in Green, Ivory, Red, Maroon, Orange or Blue (Plain or Mottled).

Frame, Mudguards and Stays Nickel Plated all over.

Rear Mudguards with white enamelled patch, giving a projected area to conform with Ministry of Transport regulations.

PHILLIPS

CYCLE FITMENTS

"SUPER CLUB" MODEL.

Handlebars, Brakes and Pedals are supplied fitted to these Frames to order at the usual List Prices plus a nominal charge for fitting.

SPECIAL FEATURES SUPPLIED TO ORDER AT EXTRA CHARGES.

Chain Adjusters.

"Waltonia" Feather-weight Chain Wheels and Cranks with either Jogged or Flanged Wheels and 3-pin or fixed Cranks.

Williams 5-pin Jogged or 5-pin Flanged Chain Wheels and Cranks.

Usual Plated parts in Chromium Plated or All-Black Finish.

Fork Blades Fully Nickel or Chromium Plated.

FLAMBOYANT FINISH.

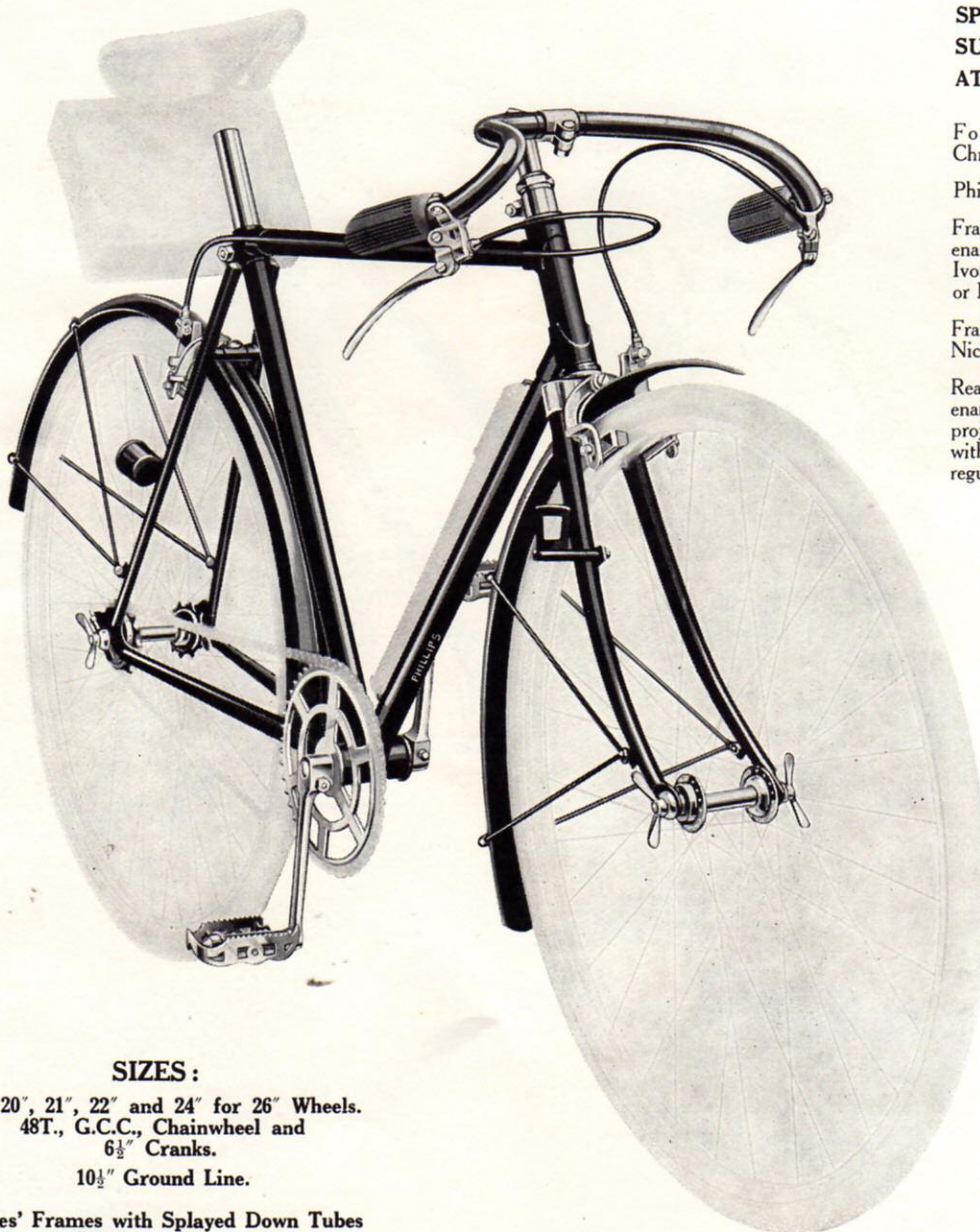
Supplied to order, at an extra charge, in the following shades;

Amber.
Rose.
Green.
Blue.
Scarlet.

SIZES :

19", 20", 21", 22" and 24" for 26" Wheels.
48T., G.C.C., Chainwheel and
6½" Cranks.
10½" Ground Line.

Ladies' Frames with Splayed Down Tubes
supplied in the same sizes.



SPECIAL FEATURES SUPPLIED TO ORDER AT EXTRA CHARGES.

Fork Ends Nickel or Chromium Plated.

Philite Celluloid Mudguards.

Frame, Mudguards and Stays enamelled all over in Green, Ivory, Red, Maroon, Orange or Blue (Plain or Mottled).

Frame, Mudguards and Stays Nickel Plated all over.

Rear Mudguards with white enamelled patch, giving a projected area to conform with Ministry of Transport regulations.

SPECIFICATION.

Frame built with High Grade British Steel Tubing, 1½"×1½"×1".

Straight Round Tapered Chain Stays.

Straight Round Tapered Seat Stays (Brazed up at Seat Lug).

Cut-away and Fishtailed Lugs.

Solid Machined Front and Rear Fork Ends.

Brazed-on Pump Holders, Mudguard Stay Eyes, Chain Rests, Reflector and Lamp Bracket Holders.

Front Fork, D to Round Tapered Blades, Solid Crown.

Fixed Chainwheel (1½" Chainline, ½"×½" Pitch).

Lamp Bracket and Reflector fitted to Brazed-on Attachments.

Straight Pattern Seat Pillar.

Ball Head Clip Fittings (Improved Pattern One-piece Head Clips).

Mudguards, Racing Pattern, Central Rib Strengthened Spear-point Extension and Double Stays.

FINISH :—One coat of Special Rust Preventive and heavily coated with finest Black Enamel.

PHILLIPS

CYCLE

FITMENTS

"GRANDE VITESSE" MODEL

Handlebars, Brakes and Pedals are supplied fitted to these Frames to order at the usual List Prices plus a nominal charge for fitting.

SPECIAL FEATURES SUPPLIED TO ORDER AT EXTRA CHARGES.

Chain Adjusters.

Williams 3-pin Flanged Chain
Wheels and Cranks.

Usual Plated parts in Chrom-
ium Plated or All-Black
Finish.

Black Celluloid Mudguards
with Rear White Panel.

White Celluloid Mudguards.

Fork Blades fully Nickel or
Chromium Plated.

FLAMBOYANT FINISH.

Supplied to order, at an
extra charge in the following
shades :

Amber.
Rose.
Green.
Blue.
Scarlet.

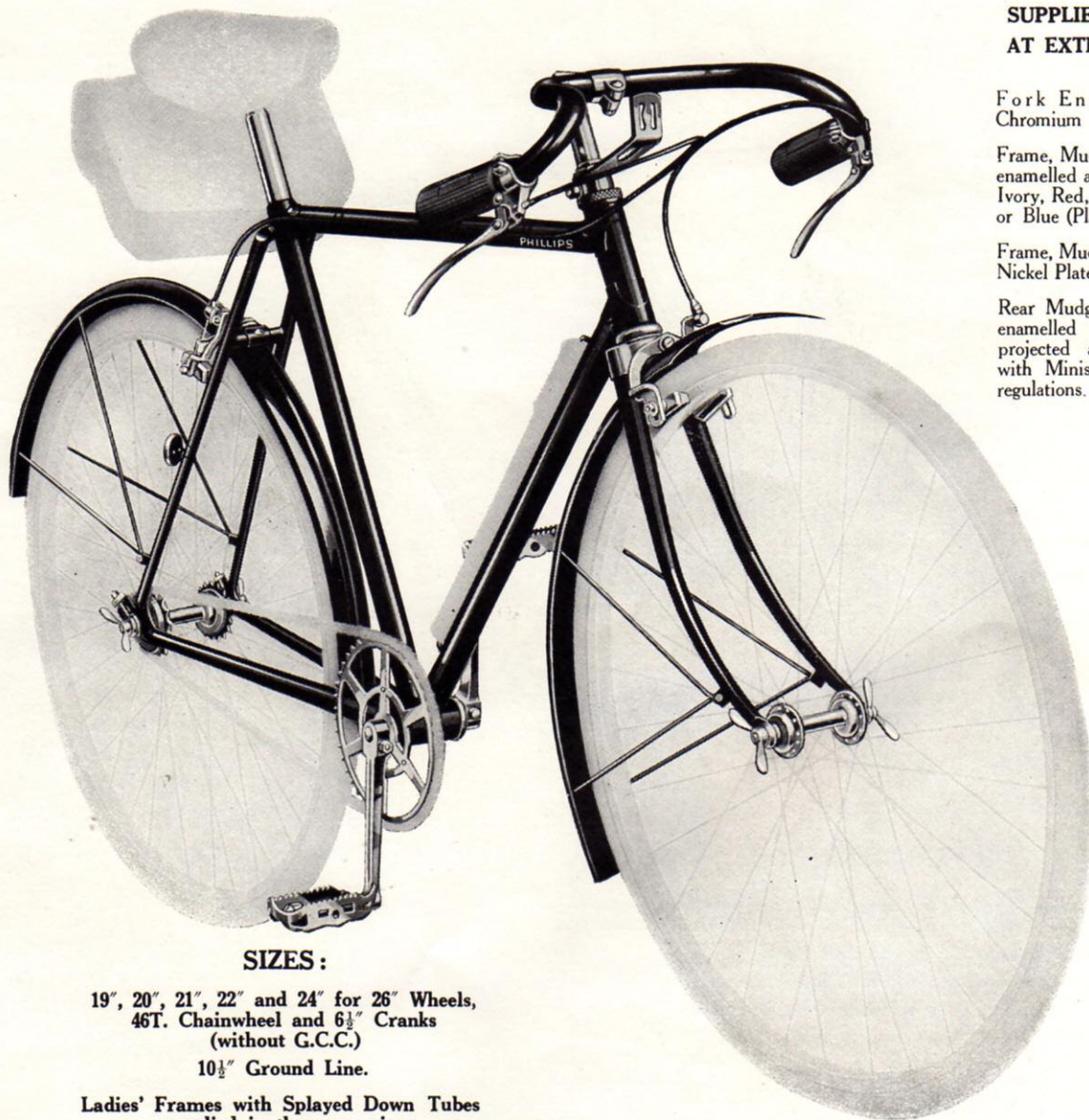
SPECIAL FEATURES SUPPLIED TO ORDER AT EXTRA CHARGES.

Fork Ends Nickel or
Chromium Plated.

Frame, Mudguards and Stays
enamelled all over in Green,
Ivory, Red, Maroon, Orange
or Blue (Plain or Mottled).

Frame, Mudguards and Stays
Nickel Plated all over.

Rear Mudguards with white
enamelled patch, giving a
projected area to conform
with Ministry of Transport
regulations.



SIZES :

19", 20", 21", 22" and 24" for 26" Wheels,
46T. Chainwheel and 6 $\frac{1}{2}$ " Cranks
(without G.C.C.)
10 $\frac{1}{2}$ " Ground Line.

Ladies' Frames with Splayed Down Tubes
supplied in the same sizes.

SPECIFICATION :

Frame built throughout with Reynolds 531 Steel Tubing,
1 $\frac{1}{8}$ " \times 1 $\frac{1}{8}$ " \times 1".

"Upright" Frame Angles.

Chrome Molybdenum Straight Round Tapered Chain and Seat Stays.

Cut-away, Fishtailed and chamfered Lugs.

Brazed-up Seat Stays with Machined Lugs.

Brazed-on Pump Holders, Mudguard Stay Eyes, Chain Rest and
Reflector Holder.

Front Fork constructed with Reynolds 531 Curved Taper
Blades, Solid Plated Crown, and Solid Machined Ends.

Russ Pattern or Semi-Russ Pattern Fork Blades supplied to order, without extra charge.

Head Fittings with Detachable Ball Race Seatings and $\frac{5}{16}$ " Balls.

One-piece Solid Head Clip.

Waltonia Featherweight 3-pin Flanged 46T. \times $\frac{1}{2}$ " \times $\frac{1}{8}$ " Chain Wheel
with 6 $\frac{1}{2}$ " specially treated lightweight Cranks.

"531" Seat Pillar.

Celluloid Rear Reflector, fitted to brazed-on holder.

"Tecalemit" $\frac{3}{16}$ " Lubricating Nipples at the bottom head lug and
bottom bracket (each frame supplied with "Tecalemit" High
Pressure Oil Gun).

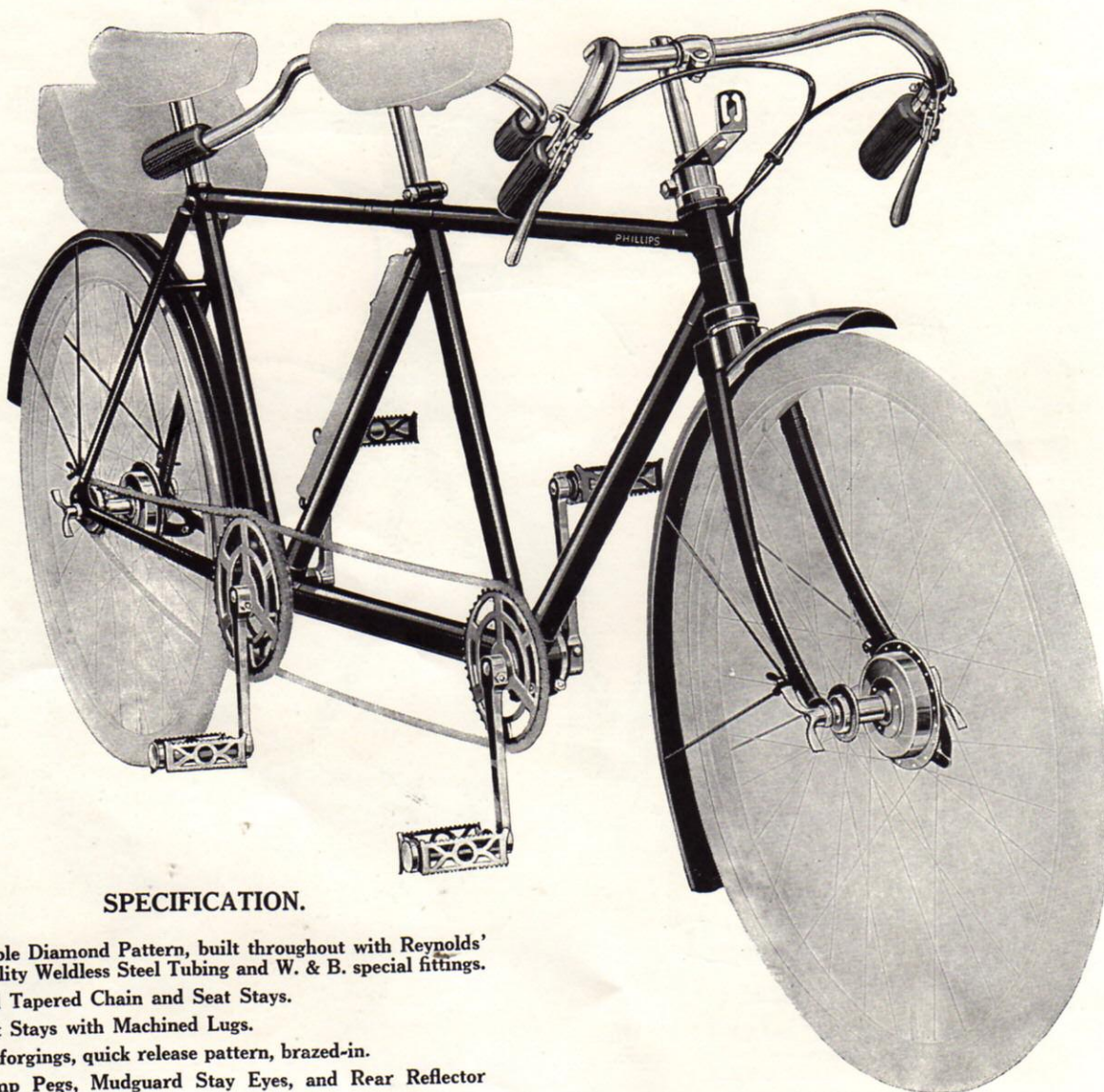
Narrow section Mudguards, central rib strengthened, with spear point
extension and double screw-in-stays.

PHILLIPS

CYCLE FITMENTS

DOUBLE GENT'S TANDEM FRAME.

Front and Rear Handlebar Bends and Pedals are supplied fitted to these Frames, to order, at their usual List Prices, plus a nominal extra charge for fitting.



SPECIFICATION.

FRAME: Double Diamond Pattern, built throughout with Reynolds' Best Quality Weldless Steel Tubing and W. & B. special fittings.

Straight Round Tapered Chain and Seat Stays.

Brazed-up Seat Stays with Machined Lugs.

Rear Fork-end forgings, quick release pattern, brazed-in.

Brazed-on Pump Pegs, Mudguard Stay Eyes, and Rear Reflector Holder.

Front Fork with "D" to Round Blades, Extra Strong Crown, brazed-in Solid Fork Ends.

Head Fittings complete with large Ball Bearings ($\frac{3}{16}$ "), Solid One-Piece Head Clip.

Complete Bottom Bracket Assemblies with large Bearings and Front Bracket Eccentric Sleeve for front chain adjustment.

W. & B. Special Tandem Direct Drive Chain Wheels, with 3-pin Detachable Flanged, Cold-forged Wheel, and standard Square Cranks at front; Detachable Cold-forged, Flanged Combination Wheels with Standard Square Cranks at rear.

Fitted with Forward Adjustable Stem No. AC 2, Combination Seat Pillar, and Rear Handlebar Stem to front Seat Tube, and Straight pattern Seat Pillar at rear Seat Tube.

Black Celluloid Mudguards with White Panel.

Rear Reflector fitted to brazed-on attachment.

FINISH:—All usual bright parts Chromium Plated; Frame and Fork Coslettised and heavily coated with finest Black Enamel.

SIZES:

20 $\frac{1}{2}$ " front and 20 $\frac{1}{2}$ " rear.

Suitable for 26" Wheels.

Front Chainwheel, 44T. $\times \frac{1}{2}$ " $\times \frac{1}{8}$ ",
and 6 $\frac{1}{2}$ " Cranks.

Rear Chainwheels, 44/48T. $\times \frac{1}{2}$ " $\times \frac{1}{8}$ ",
and 6 $\frac{1}{2}$ " Cranks.

The following combinations
supplied to order:

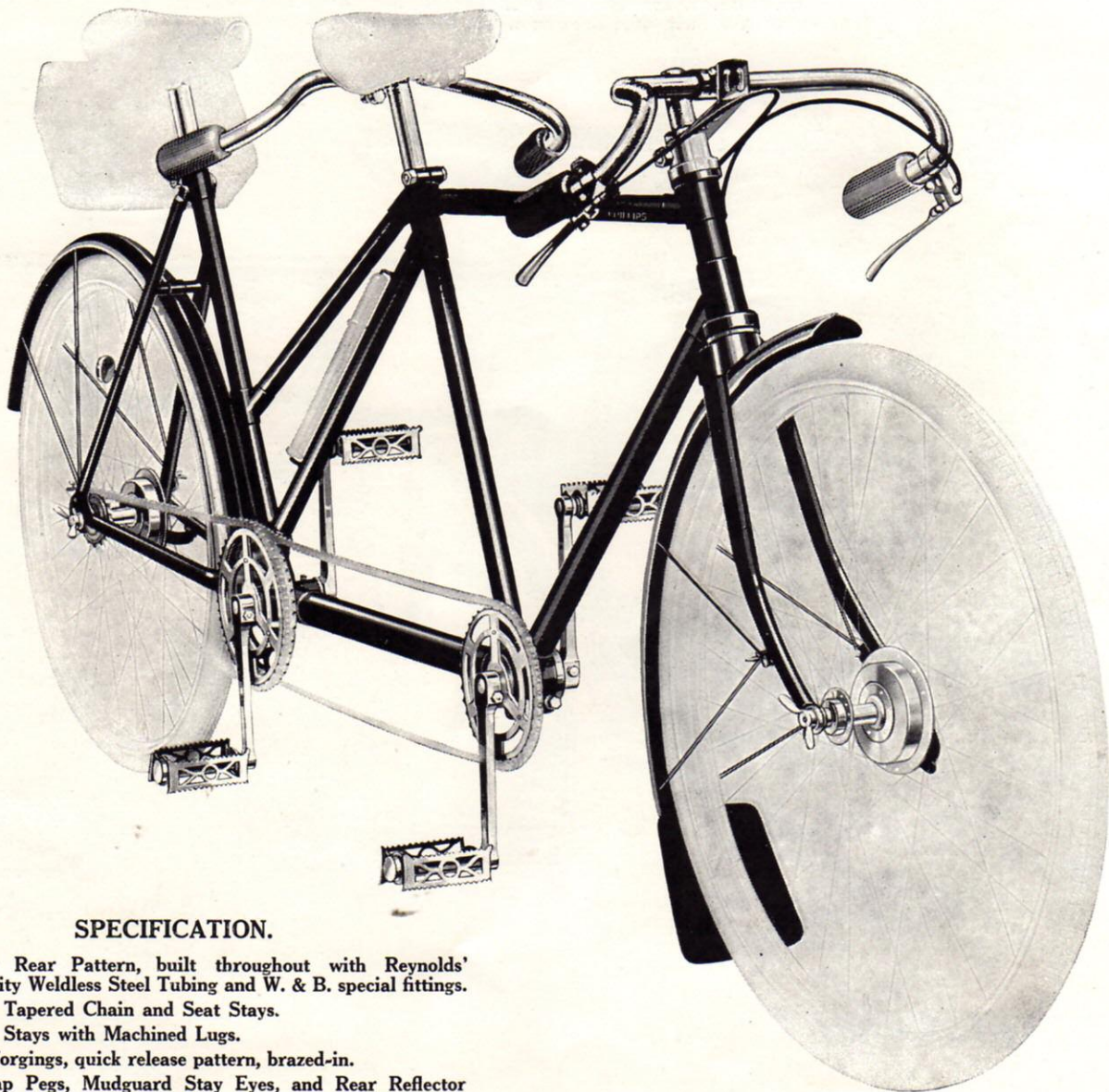
44/46T., 44/52T., 42/44T., 42/46T., 42/48T.,
42/52T.

PHILLIPS

CYCLE FITMENTS

LADIES' AND GENTS' TANDEM FRAME

Front and Rear Handlebar Bends and Pedals are supplied fitted to these Frames, to order, at their usual List Prices, plus a nominal extra charge for fitting.



SPECIFICATION.

FRAME: Lady Rear Pattern, built throughout with Reynolds' Best Quality Weldless Steel Tubing and W. & B. special fittings.

Straight Round Tapered Chain and Seat Stays.

Brazed-up Seat Stays with Machined Lugs.

Rear Fork-end forgings, quick release pattern, brazed-in.

Brazed-on Pump Pegs, Mudguard Stay Eyes, and Rear Reflector Holder.

Front Fork with "D" to Round Blades, Extra Strong Crown, brazed-in Solid Fork Ends.

Head Fittings complete with large Ball Bearings ($\frac{3}{16}$ "), Solid One-Piece Head Clip.

Complete Bottom Bracket Assemblies with large Bearings and Front Bracket Eccentric Sleeve for front chain adjustment.

W. & B. Special Tandem Direct Drive Chain Wheels, with 3-pin Detachable Flanged, Cold-forged Wheel, and standard Square Cranks at front; Detachable Cold-forged, Flanged Combination Wheels with Standard Square Cranks at rear.

Fitted with Forward Adjustable Stem No. AC2, Combination Seat Pillar, and Rear Handlebar Stem to front Seat Tube, and Straight pattern Seat Pillar at rear Seat Tube.

Black Celluloid Mudguards with White Panel.

Rear Reflector fitted to brazed-on attachment.

FINISH:—All usual bright parts Chromium Plated; Frame and Fork Coslettised and heavily coated with finest Black Enamel.

SIZES:

20 $\frac{1}{2}$ " front and 20 $\frac{1}{2}$ " rear.

Suitable for 26" Wheels.

Front Chainwheel, 44T. $\times \frac{1}{2}$ " $\times \frac{1}{8}$ ",
and 6 $\frac{1}{2}$ " Cranks.

Rear Chainwheels, 44/48T. $\times \frac{1}{2}$ " $\times \frac{1}{8}$ ",
and 6 $\frac{1}{2}$ " Cranks.

The following combinations

supplied to order:

44/46T., 44/52T., 42/44T., 42/46T., 42/48T.,
42/52T.

PHILLIPS

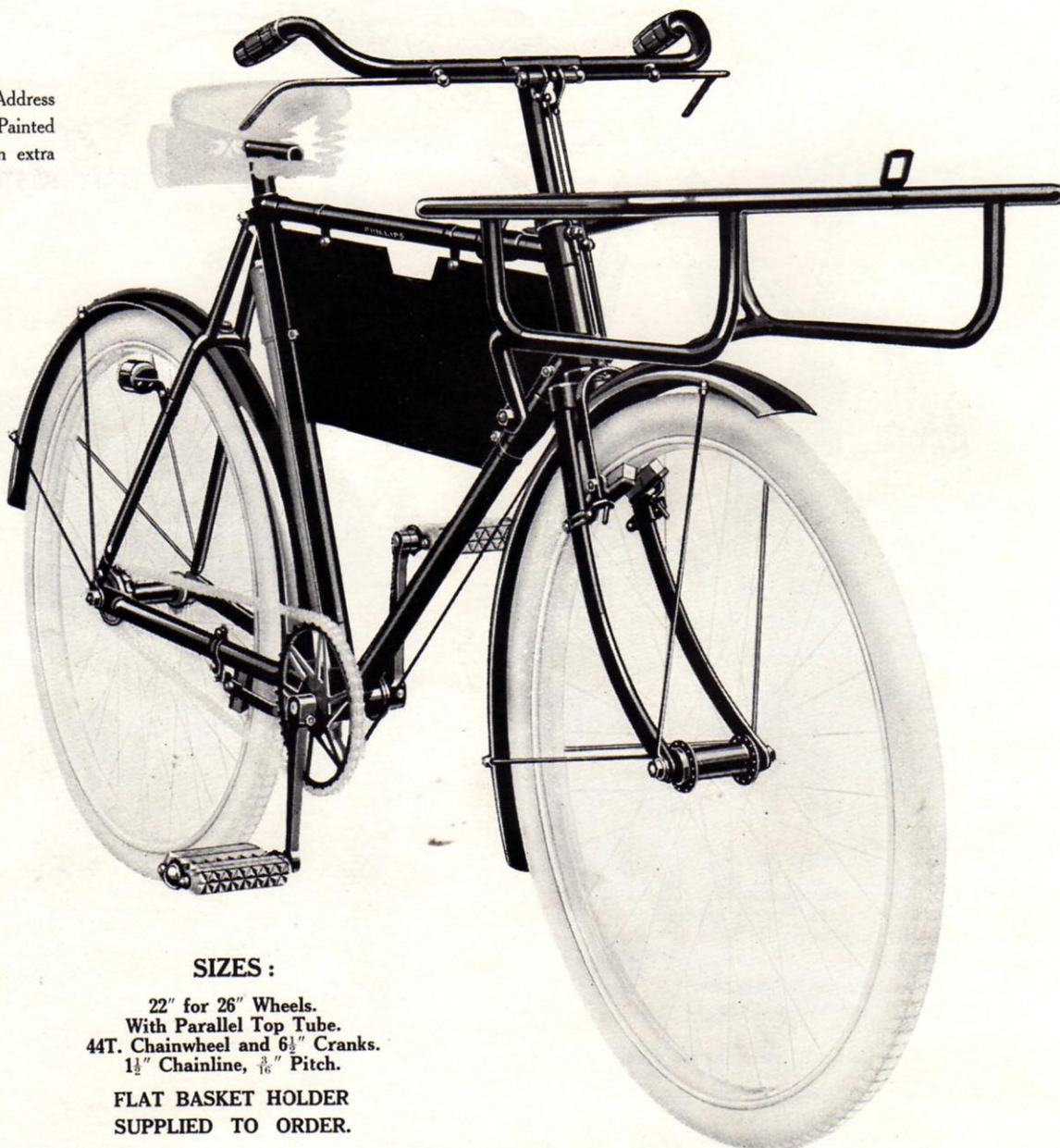
CYCLE FITMENTS

TRADESMAN'S CARRIER FRAME.

WITH BOLTED-ON BASKET HOLDER.

Handlebars, Brakes and Pedals are supplied fitted to these Frames, to order, at their usual List Prices, plus a nominal charge for fitting.

Trader's Name and Address
(in Gold or Colours) Painted
on Name Plate, at an extra
charge.



SIZES :

22" for 26" Wheels.
With Parallel Top Tube.
44T. Chainwheel and 6 $\frac{1}{2}$ " Cranks.
1 $\frac{1}{2}$ " Chainline, $\frac{3}{16}$ " Pitch.

FLAT BASKET HOLDER
SUPPLIED TO ORDER.

SPECIFICATION :

Frame built of Reynold's High Grade Weldless Steel Tubing (extra heavy gauge). Strengthening Liners inserted where necessary.

Heavy Gauge D Section Forks and Stays.

Cotterless Bracket, with Special Interlocking Device.

Williams' Fixed Chainwheel and Cranks (1 $\frac{1}{2}$ " Chainline, $\frac{1}{2}$ " \times $\frac{3}{16}$ " pitch).

Forward Pattern Seat Pillar.

Expander Head Fittings.

Mudguards, Carrier Pattern, 2 $\frac{1}{2}$ " Section, Extra Heavy Gauge, with Double Stays.

Basket Holder, constructed from Extra Strong $\frac{3}{4}$ " diam. Tubing, specially designed, and with Strengthening Liners inserted where necessary.

Traders Name Plate fitted to Frame Tubes.

FINISH :—One coat of Special Rust Preventive and heavily coated with Finest Black Enamel. All Black as standard.

PHILLIPS

CYCLE

FITMENTS

TRADESMAN'S CARRIER FRAME.

WITH BRAZED-ON BASKET HOLDER.

Handlebars, Brakes and Pedals are supplied fitted to these Frames, to order, at their usual List Prices, plus a nominal charge for fitting.

Trader's Name and Address
(in Gold or Colours) Painted
on Name Plate, at an extra
charge.



SIZES :

22" for 26" Wheels.
With Parallel Top Tube.
44T. Chainwheel and 6 $\frac{1}{2}$ " Cranks.
1 $\frac{1}{2}$ " Chainline, $\frac{3}{16}$ " Pitch.

FLAT BASKET HOLDER
SUPPLIED TO ORDER.

SPECIFICATION :

Frame built of Reynolds' High Grade Weldless Steel Tubing (extra heavy gauge). Strengthening Liners inserted where necessary.

Heavy Gauge D Section Forks and Stays.

Cotterless Bracket, with Special Interlocking Device.

Williams' Fixed Chainwheel and Cranks (1 $\frac{1}{2}$ " Chainline, $\frac{1}{2}$ " \times $\frac{3}{16}$ " pitch).

Forward Pattern Seat Pillar.

Expander Head Fittings.

Mudguards, Carrier Pattern, 2 $\frac{1}{2}$ " Section, Extra Heavy Gauge, with Double Stays.

Basket Holder, constructed from Extra Strong $\frac{3}{4}$ " diam. Tubing, specially designed, and with Strengthening Liners inserted where necessary.

Traders Name Plate fitted to Frame Tubes.

FINISH :—One coat of Special Rust Preventive and heavily coated with Finest Black Enamel. All Black as standard.

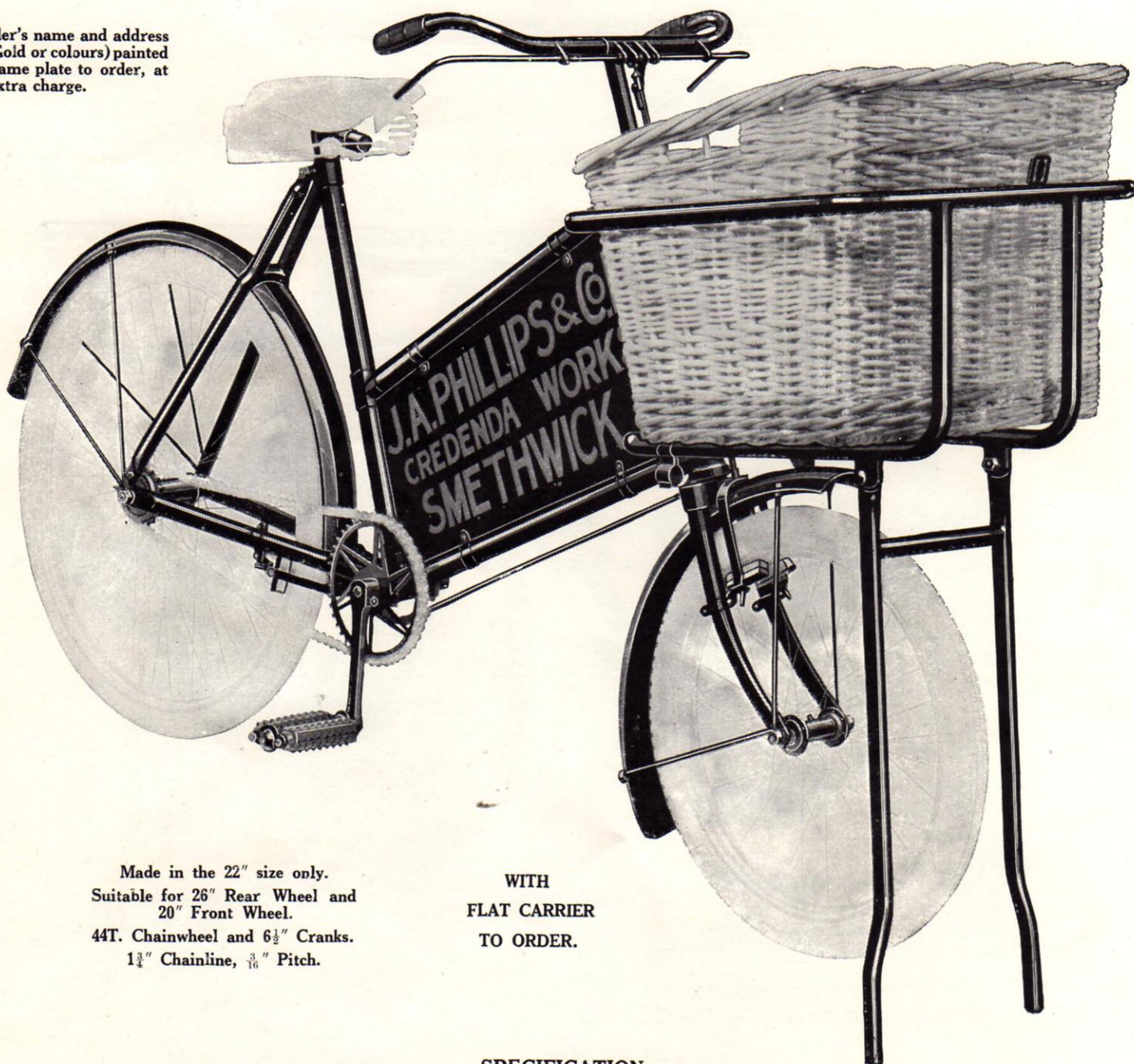
PHILLIPS

CYCLE FITMENTS

LOW-GRAVITY CARRIER FRAME

WITH BRAZED-ON BASKET HOLDER.

Trader's name and address
(in Gold or colours) painted
on name plate to order, at
an extra charge.



Made in the 22" size only.
Suitable for 26" Rear Wheel and
20" Front Wheel.

44T. Chainwheel and 6 $\frac{1}{2}$ " Cranks.
1 $\frac{1}{2}$ " Chainline, $\frac{3}{16}$ " Pitch.

WITH
FLAT CARRIER
TO ORDER.

SPECIFICATION :

Frame built of Reynolds' High Grade Weldless Steel Tubing
(extra heavy gauge). Strengthening Liners inserted where
necessary.

Heavy Gauge D Section Forks and Stays.

Cottered Bracket.

Williams' Fixed Flanged Chainwheel and Cranks (1 $\frac{1}{2}$ " Chainline,
 $\frac{1}{2}$ " \times $\frac{3}{16}$ " pitch).

Forward Pattern Seat Pillar.

Expander Head Fittings.

Mudguards, Carrier Pattern, 2 $\frac{1}{2}$ " Section, Extra Heavy Gauge,
with Double Screw-in Stays.

Basket Holder, brazed-on, constructed from $\frac{3}{8}$ " diam. Tubing,
fitted with Strengthening Liners at points bearing the
principal strain.

Trader's name plate fitted to frame tubes.

Two-Leg Tubular Stand, with Spring Clip Holders.

Large Capacity Wicker Basket, made from Best Quality
Material throughout.

The price quoted in our lists for low gravity Carrier Frames does not include Handlebars, Brakes, or Pedals.
These fitments may be supplied fitted to the Frames at their current list prices, plus a nominal charge for fitting.

PHILLIPS

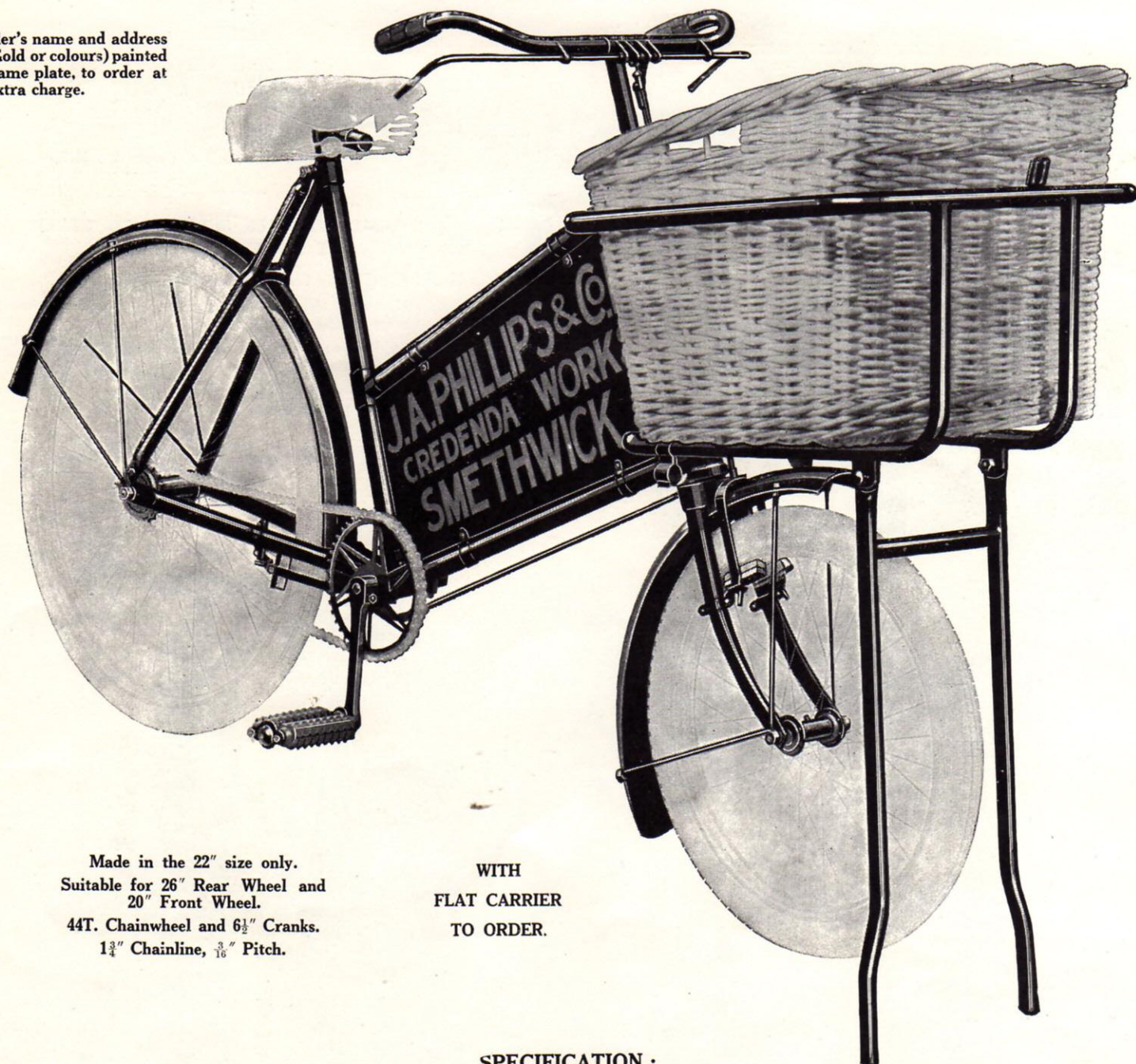
CYCLE

FITMENTS

LOW-GRAVITY CARRIER FRAME

WITH BOLTED-ON BASKET HOLDER.

Trader's name and address
(in Gold or colours) painted
on name plate, to order at
an extra charge.



Made in the 22" size only.
Suitable for 26" Rear Wheel and
20" Front Wheel.

44T. Chainwheel and 6½" Cranks.
1¾" Chainline, ⅜" Pitch.

WITH
FLAT CARRIER
TO ORDER.

SPECIFICATION :

Frame built of Reynolds' High Grade Weldless Steel Tubing
(extra heavy gauge). Strengthening Liners inserted where
necessary.

Heavy Gauge D Section Forks and Stays.

Cottered Bracket.

Williams' Fixed Flanged Chainwheel and Cranks (1¾" Chainline,
⅜" × ⅜" pitch).

Forward Pattern Seat Pillar.

Expander Head Fittings.

Mudguards, Carrier Pattern, 2½" Section, Extra Heavy Gauge,
with Double Screw-in Stays.

Basket-Holder, bolted-on, constructed from ⅝" diam. Tubing,
fitted with Strengthening Liners at points bearing the
principal strain.

Trader's name plate fitted to frame tubes.

Two-Leg Tubular Stand, with Spring Clip Holders.

Large Capacity Wicker Basket, made from Best Quality
Material throughout.

The price quoted in our lists for low gravity Carrier Frames does not include Handlebars, Brakes, or Pedals.
These fitments may be supplied fitted to the Frames at their current list prices, plus a nominal charge for fitting.

PHILLIPS

CYCLE FITMENTS

“PHILCO” KIDDIES FRAMES.



Boy's Model.

SPECIFICATION.

Frame built with High Grade British Steel Tubing, $\frac{3}{4}'' \times \frac{7}{8}'' \times \frac{7}{8}''$.
 D Section Forks and Stays.
 Cotterless Brackets.
 Fixed Chain Wheels and Cranks.
 Forward Pattern Seat Pillar.
 Expander Head Fittings.
 Head Fitting Lamp Bracket.
 Mudguards, Extra Strong, 24 Gauge, with Plate Fastening Stays.

FINISH:—One coat of Special Rust Preventive and heavily coated with Finest Black Enamel. Red Head and Single Gold Lining supplied as standard, but a variety of other Colours to order.

FLAMBOYANT FINISH.

Philco Kiddies Frames are available to order at an extra charge, Flamboyant Enamelled in Amber, Rose, Green, Blue or Scarlet.

SIZES :

15" for 16" Wheels.
 16" „ 18" „
 17" „ 18" „
 18" „ 20" „
 28T Chain Wheel and 4" Cranks, $\frac{1}{2}'' \times \frac{1}{8}''$ Pitch.

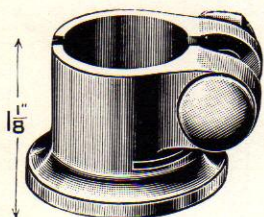
SPECIAL FEATURES SUPPLIED TO ORDER AT AN EXTRA CHARGE.

Usual Bright Parts in Chromium Plated or All-Black Finish.
 Frame, Mudguards and Stays Enamelled all over in Green, Maroon, Orange or Blue (plain or mottled).
 Handlebars, Brakes and Pedals fitted at the usual list prices for these parts (no charge for fitting).
 Rear Mudguards with White Enamelled Panel, giving projected area to conform with Ministry of Transport Regulations.

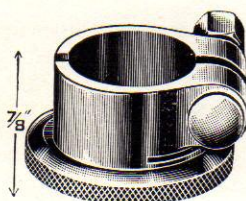


Girl's Model.

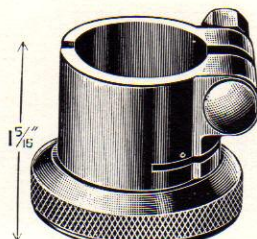
FRAME SPARES.



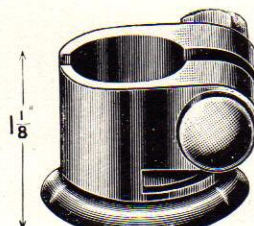
P.230.



P.232.



P.233.



P.234.



P.231.



P.245.



P.247.



P.248.



P.246.



P.233.



P.234.



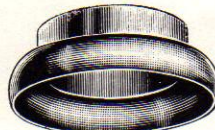
P.371.



P.370.



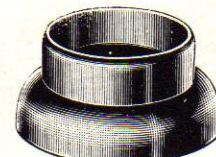
P.366.



P.367.



P.368.



P.369.



P.235.



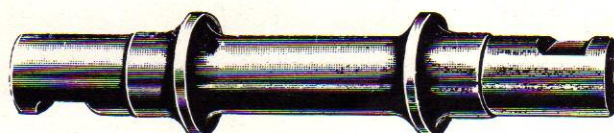
P.247.



P.248.



P.249.



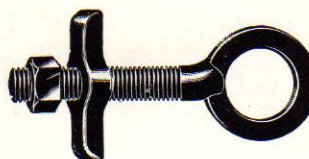
P.236.
P.272.



P.237.



P.238.
P.276.
P.277.



P.217.



P.191.

- P.191. Chain Adjuster, for Quick Release Fork Ends, with Cap and Nut.
P.217. Chain Adjuster, with Cap and Nut.
P.230. Head Clip with Pin and Nut, 31/32".
P.231. Screw Race for Expander Head, 1".
P.232. Head Lock Nut for 31/32" Stem.
P.233. Crown Race, Plated and Hardened.
P.234. Ball Race, Hardened.
P.235. Bracket Cup for Cotter Brackets.
P.236. Bracket Axle, with G.C.C.
P.237. Head Clip Pin and Nut.
P.238. Seat Lug Pin and Nut, 1 3/8", for Philco Frames.
P.243. Head Lock Nut for 1" Fork Stem.
P.245. Hexagon Head Lock Nut for 31/32" Fork Stem.
P.246. Hexagon Head Lock Nut for 1" Fork Stem.
P.247. Cup for Left Hand Cotterless Bracket.
P.248. Cup for Right Hand Cotterless Bracket.
P.249. Lock Ring for Right Hand Cotterless Bracket.
P.272. Bracket Axle, without G.C.C.

- P.276. Seat Lug Pin and Nut, 1 3/8", for Popular Racing Frames.
P.277. Seat Lug Pin and Nut, 1 3/8", for all Racing Frames except Popular.
P.362. Head Clip, shallow pattern, one piece, with hardened Ball Race for 1/8" Balls and 1" Column (as fitted to Philrace and Super Club Frames).
P.363. Head Clip, one piece, with hardened Ball Race for 5/32" Balls and 1" Column (as fitted to Grande Vitesse Frames).
P.364. Head Clip, malleable casting, with hardened Ball Race for 1/8" Balls and 31/32" Column.
P.366. Detachable Ball Race Seating, plated, for Top Head Lug, 1/8" Balls.
P.367. Detachable Ball Race Seating, plated, for Bottom Head Lug, 1/8" Balls.
P.368. Detachable Ball Race Seating, plated, for Top Head Lug, 5/32" Balls.
P.369. Detachable Ball Race Seating, plated, for Bottom Head Lug, 5/32" Balls.
P.370. Crown Ball Race for 5/32" Balls.
P.371. Screwed Ball Race for 5/32" Balls, 1" x 24T.

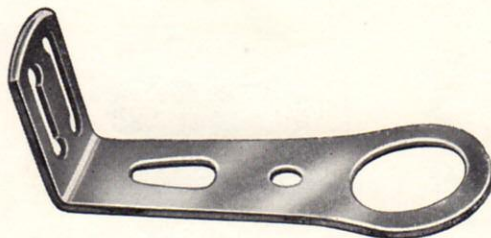
PHILLIPS

CYCLE FITMENTS

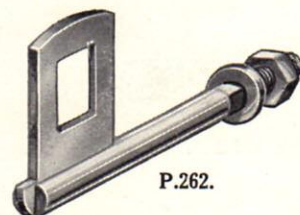
FRAME SPARES.



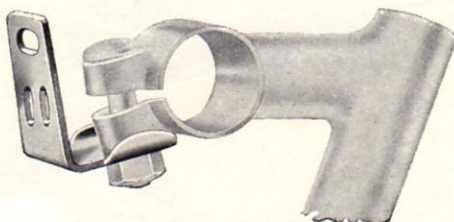
P.215.



P.216.



P.262.



P.264.



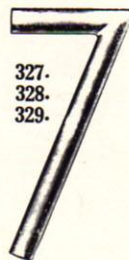
P.220.



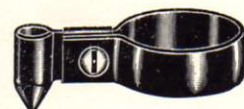
316.
317.



318.
319.



327.
328.
329.



P.273.
P.274.



P.221.



P.241.



P.242.



P.239.

- P.215. Lamp Bracket, standard pattern.
- P.216. Lamp Bracket, extended pattern.
- P.220. Mudguard Stays, complete with Fastening Plates and Pins.
- P.221. Mudguard Stay Fastening Plates and Pins.
- P.239. Crank Cotter, complete with Nut.
- P.241. Mudguard Bridge Pin and Nut.
- P.242. Frame Spanner.
- P.262. Lamp Bracket with Nut and Washer for Super Club Frames.
- P.264. Lamp Bracket, adjustable Handlebar Stem Fitting.

- P.273. Pump Clips for 1 1/8 inch Frame Tubes.
- P.274. Pump Clips for 1 inch Frame Tubes.
- 316. Curved Seat Pillar to telescope 1 1/8 inch Tubing.
- 317. Curved Seat Pillar to telescope 1 1/8 inch Tubing.
- 318. Straight Seat Pillar to telescope 1 1/8 inch Tubing.
- 319. Straight Seat Pillar to telescope 1 1/8 inch Tubing.
- 327. Forward Seat Pillar to telescope 1 1/8 inch Tubing.
- 328. Forward Seat Pillar to telescope 1 1/8 inch Tubing for Gent's Frames.
- 329. " " " " " 1 1/8 " " " Ladies "

PHILLIPS

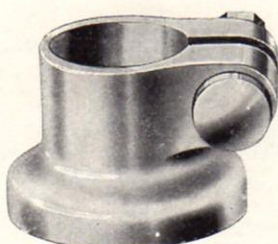
CYCLE FITMENTS

TANDEM FRAME SPARES.



P.377.

Ball Race for Top Head Lug.



P.375.

Head Clip.

With Hardened Ball Race and Pin and Nut.



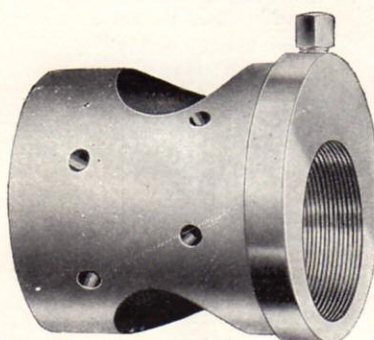
P.376.

Hexagon Lock Nut, $1\frac{1}{8}'' \times 24T$.



P.378.

Ball Race for Bottom Head Lug.



P.381.

Eccentric Sleeve.

For Front Bottom Bracket.



P.388.

Seat Lug Bolt and Nut.

Front or Rear.



P.379.

Crown Ball Race.



P.387.

Front Bottom Bracket Bolt and Nut.



P.384.

Bottom Bracket Cup Locking Ring.



P.380.

Distance Ring, $1\frac{1}{8}'' \times \frac{1}{8}''$



P.382.

Bottom Bracket Cup.

Plain, Front or Rear.



P.385. Bottom Bracket Axle, Front.

P.386. Bottom Bracket Axle, Rear.



P.383.

Bottom Bracket Cup.

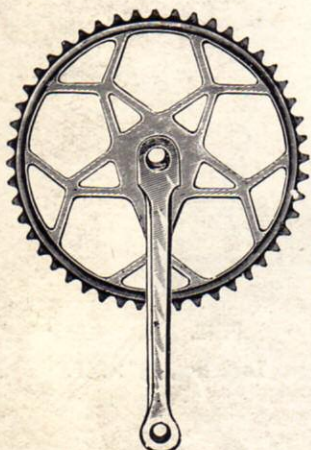
Flanged, Front or Rear.

PHILLIPS

CYCLE FITMENTS

FRAME EQUIPMENT.

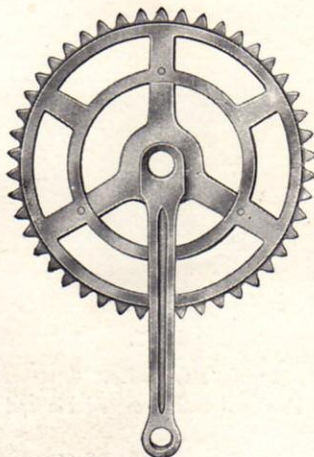
CHAINWHEELS AND CRANKS, GEAR CASES, CHAIN COVERS, ETC.



No. 201.
Fixed Chain Wheel with
Oval Cranks.
Fitted as standard to
Philco Frames.



Williams' F85 Chain Wheel
with Square Cranks.
Supplied on Philco Frames
at an extra charge.



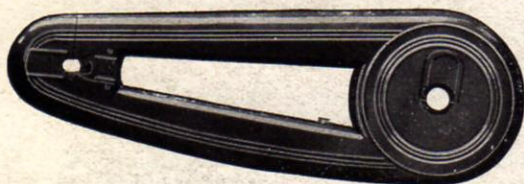
Waltonia Featherweight Chain
Wheels with Fluted Cranks,
without G.C.C. only.
No. 257. Fixed, Flanged.
No. 258. 3-Pin, Flanged.
No. 259. Fixed, Joggled.
No. 260. 3-Pin, Joggled.



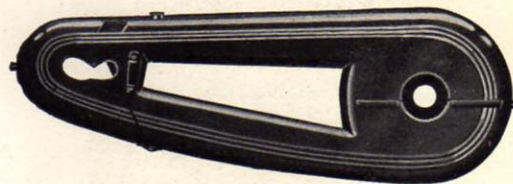
Williams' C28 Chain Wheel
with Square Cranks.
Supplied on any of our Frames
at an extra charge.



No. 206.
Fixed Chain Wheel with
Oval Cranks.
Fitted as standard to all Racing
Frames except Grande Vitesse.



No. 297.—Open Centre Oil Bath Gear Case.
Suitable for Roadster Frames.



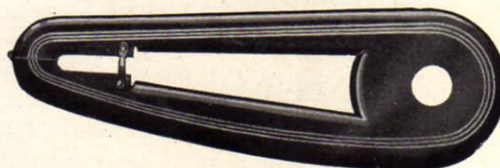
No. 298.—Open Centre Oil Bath Gear Case.
Suitable for "Philrace" Frames only.



No. 295.—Chain Cover.



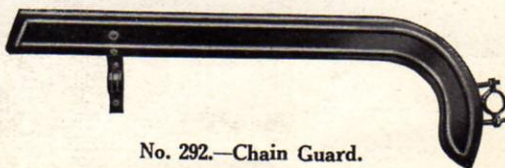
No. 293.—Open Centre Chain Cover.
One-Piece Pattern.



No. 294.—Open Centre Chain Cover.
Standard Pattern.



No. 299.—Chain Guard.
Supplied as standard.

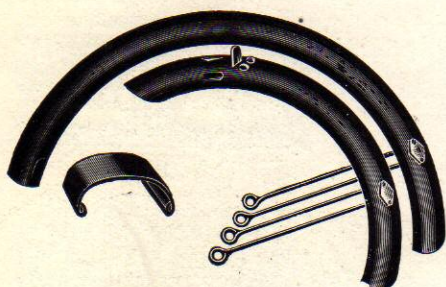


No. 292.—Chain Guard.
Supplied to order.

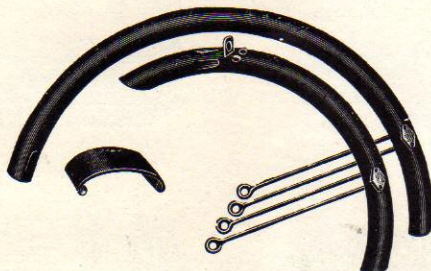
Gear Cases, Chain Covers and
Chain Guards are supplied in
Black Enamelled Finish as standard.
Lining or Coloured Finish may be
supplied to order at an extra
charge.

When ordering, please give full
particulars of the Frames for which
these Fitments are required, i.e.,
the type and size of Frame, Chain
Wheel and Rear Wheel.

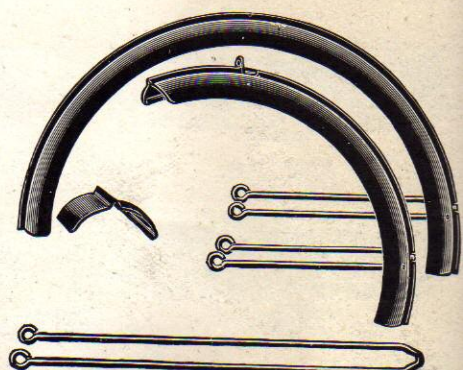
MUDGUARDS.



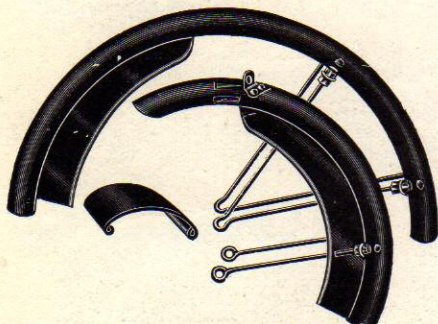
No. 218.
Deep Rounded Section.
with Plate Fastening Stays.
Standard on Philco Frames only.



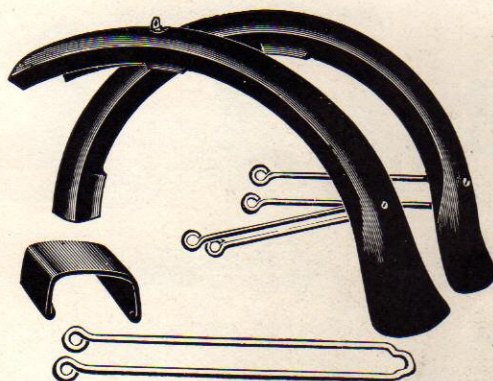
No. 222.
Standard Dome Pattern.



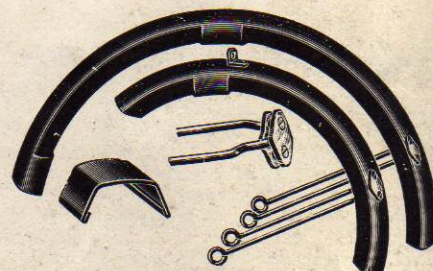
No. 253.
Central Ribbed Pattern.
With Plate-Fastening Stays.



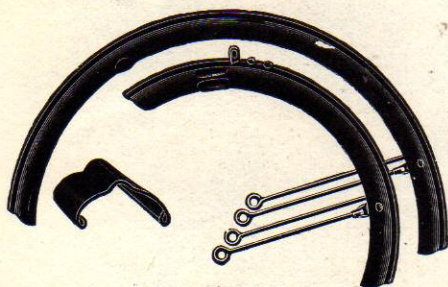
No. 214.
All Weather Valance.



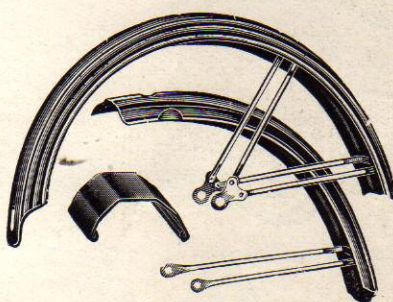
No. 255.
Special All-Weather Model.
With patent stay fixing and
splashed ends.



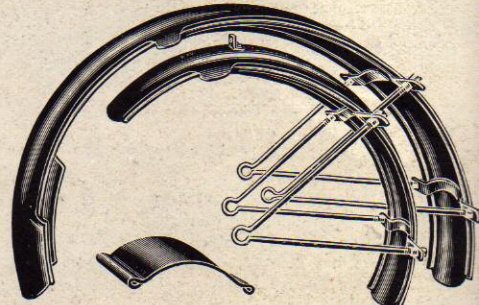
No. 209.
Mudguard.
With 1" Drop Side.
No. 219.
With 1/2" Drop Side.



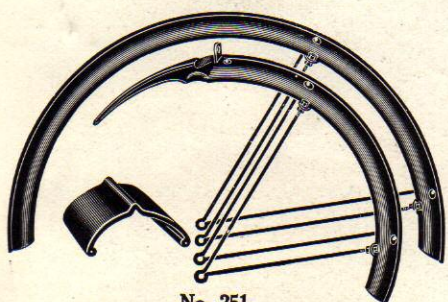
No. 63.
"V" Section.
With Single Screw-in Stays.



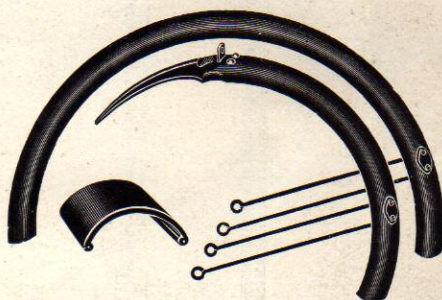
No. 202.
Drop Side Mudguard.



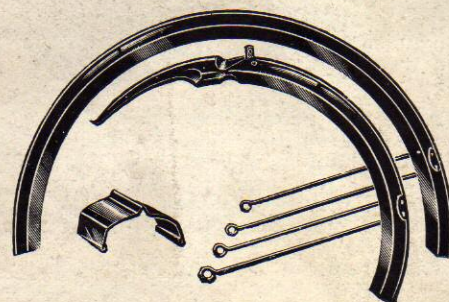
No. 263.
Motor Bike Pattern.
For Comfort Models



No. 251.
Racing Pattern, Narrow Section.
Central Rib strengthened with Double Screw-in
Stays. Standard on Super Club and
Grande Vitesse Models.



No. 250.
Racing Pattern, Narrow Section.
with Plate Fastening Stays.
Standard on Popular and Philrace Frames.



No. 257.
All-weather Sports Pattern.
Central Rib strengthened with Spear Point
Extension and Single Plate Fastening Stays.

PHILLIPS

CYCLE FITMENTS

ROLLER AND PULL-UP LEVER BRAKE PARTS.



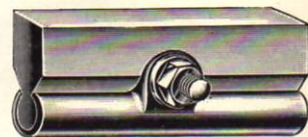
P.48. P.49.



P.360.



P.58.



P.73.



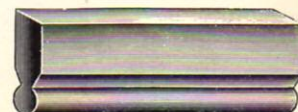
P.50.



P.361.



P.59.



P.61.



P.285.



P.67.



P.25.



P.52.



P.42.



P.18.



P.17.

No. P.5. Stem Clip Pin and Nut.
P.7. Pull Up Lever Pin and Nut.
P.9. Front Pull Up Lever Spring.
P.10. Front Brake Tube complete with Top Joint.

P.11. Rear Brake Tube complete with Top and Bottom Joints.

P.14. Rear Pull Up Lever Spring.

P.17. Front Roller Lever Spring.

P.18. Rear Roller Lever Spring.

P.19. Front Lever Arm with Plunger Rod.

P.20. Rear Lever Arm with Plunger Rod.

P.22. Plunger Rod.

P.24. Roller Lever Stud.

P.25. Swivel and Rivet.

P.27. Roller Lever Band Clip.

P.28. Top Joint Pin, Nut and Washer (Draw Bolt)

P.34. Front Brake Tube.

P.42. Top Joint.

P.46. Fork and Stay Clip, with Pins (D Section).

P.47. Fork and Stay Clip Pin.

P.48. Shoe with Rubber Block, Pin and Nut.

P.49. Shoe Pin and Nut.

P.50. Rubber Block.

P.51. Rear Brake Tube.

P.52. Swivel Joint.

P.53. Bell Crank Lever, with Clip, Pin and Nut.

P.55. Swivel Joint Pin.

P.57. Down Tube Clip Pin and Nut.

P.58. Shoe, with Fibrax Block, Pin and Nut.

P.59. Fibrax Block.

P.61. "R" Pattern Block.

P.65. Rear Brake Leg Spring.

P.67. Rear Brake Connection Screw, with Nuts and Washer.

P.73. "R" Pattern Shoe, with Block Pin and Nut.

P.102. 1/4" Nut.

P.133. 3/8" Nut.

P.285. Corona Bolt and Nut.

P.350. Fork and Stay Clip, with Nuts (Oval Section).

P.351. Fork and Stay Clip, with Nuts (3/8" Round Section).

P.352. Fork and Stay Clip, with Nuts (1/2" D Section).

P.360. Shoe, with Narrow Block, Pin and Nut.

P.361. Narrow Rubber Block.



P.55.



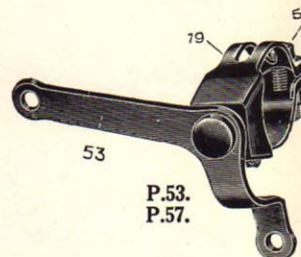
P.28.



P.133.



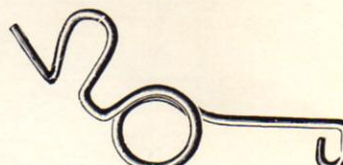
P.102.



P.53. P.57.



P.14.



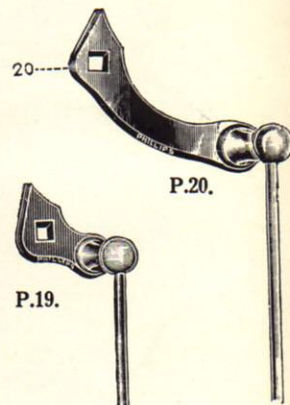
P.65.



P.9.



P.24.



P.19.



P.34. P.51.



P.22.



P.10.



P.11.



P.27.



P.351.



P.352.



P.46. P.47.



P.350.

PHILLIPS

CYCLE FITMENTS

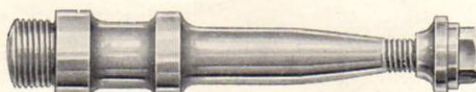
PEDAL AND HUB PARTS.



P.99.
P.107.



P.106.



P.140.



P.120.



P.124.



P.152.



P.102.



P.103.

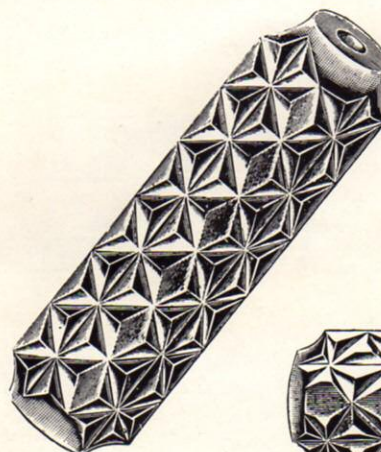


P.101.

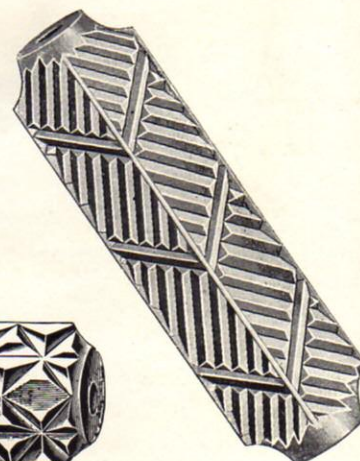
P.130



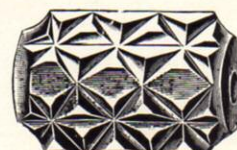
P.143.



P.160.



P.161.

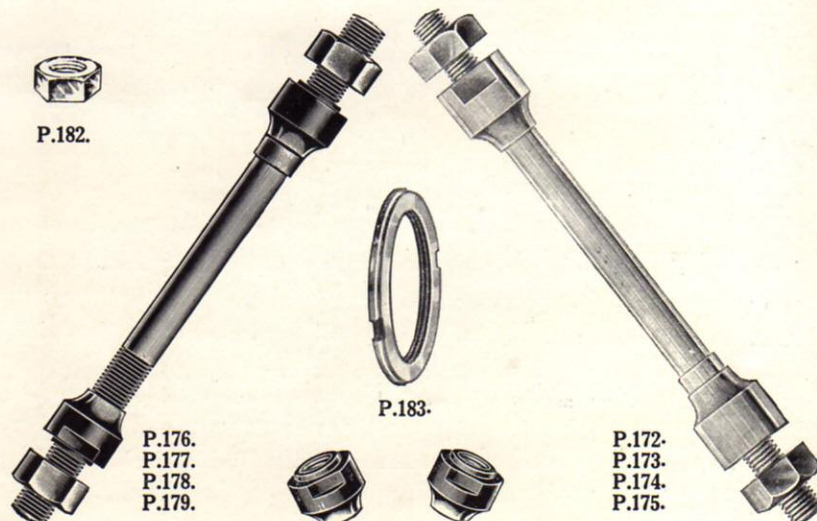


P.168.

- Nos.
P.99. Spindle, with Cone, Nut and Washer, for "Celtonia" and "Philco" Pedals in $4\frac{1}{2}$ ", $4\frac{1}{4}$ ", 4", $3\frac{1}{2}$ " and 3" sizes.
P.101. Pedal Cones.
P.102. Pedal Cone Lock Nut.
P.103. Pedal Washer.
P.106. Spindle, with Cone, Nut and Washer, for Pedals Nos. 63 and 72.
P.107. Spindle, with Cone, Nut and Washer, for "Anglo" Pedals in $4\frac{1}{2}$ ", $4\frac{1}{4}$ ", 4" and $3\frac{1}{2}$ " sizes.
P.120. Milled Dust Cap.
P.124. Hexagon Dust Cap.
P.130. Rubber Bar.
P.140. Spindle, with Cone, Nut and Washer, for "Grande Vitesse" No. 49 Pedal.
P.143. Pedal Stole.
P.152. White Triple Stud Rubber, in $4\frac{1}{4}$ ", 4" and $3\frac{1}{2}$ " sizes.
P.160. Diamond Pattern Rubber, in $4\frac{1}{2}$ ", $4\frac{1}{4}$ ", 4" and $3\frac{1}{2}$ " sizes.
P.161. Diamond Pattern Divided Rubber.
P.168. Agrippa Pattern Rubber, in 4" and $3\frac{1}{2}$ " sizes.
P.172. Front Hub Spindle, $\frac{5}{16}$ " diam., with Cones and Nuts, for "Grande Vitesse" No. 34 Hub.
P.173. Front Hub Spindle, $\frac{5}{16}$ " diam. with Cones and Nuts, for "Grande Vitesse" No. 35 Hub.
P.174. Front Hub Spindle only, $\frac{5}{16}$ " diam., for "Grande Vitesse" No. 34 Hub.
P.175. Front Hub Spindle only, $\frac{5}{16}$ " diam., for "Grande Vitesse" No. 35 Hub.
P.176. Front Hub Spindle, $\frac{3}{8}$ " diam., with Flatted Ends, complete with Cones and Nuts.
P.177. Rear Hub Spindle, $\frac{3}{8}$ " diam., with Cones and Nuts.
P.178. Front Hub Spindle only, $\frac{3}{8}$ " diam., with Flatted Ends.
P.179. Rear Hub Spindle only, $\frac{3}{8}$ " diam.
P.180. Front Hub Cones.
P.181. Rear Hub Cones.
P.182. Nuts (Hub Spindle).
P.183. Locking Ring, for Nos. 40, 43, 53 and 54 Hubs.



P.182.



P.176.
P.177.
P.178.
P.179.



P.183.



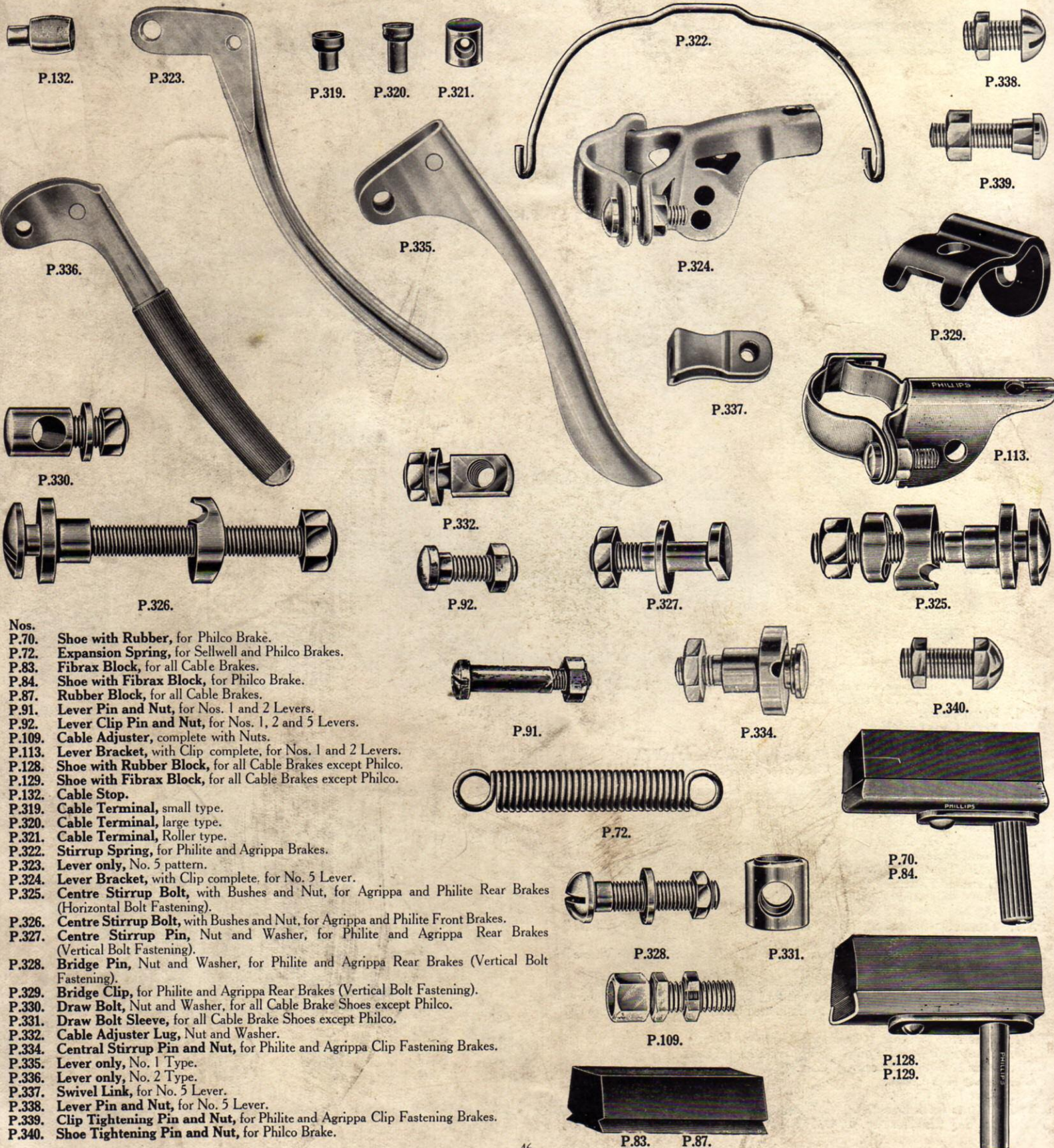
P.180. P.181.

P.172.
P.173.
P.174.
P.175.

PHILLIPS

CYCLE FITMENTS

CABLE BRAKE PARTS.



- Nos.
- P.70. Shoe with Rubber, for Philco Brake.
 - P.72. Expansion Spring, for Sellwell and Philco Brakes.
 - P.83. Fibrax Block, for all Cable Brakes.
 - P.84. Shoe with Fibrax Block, for Philco Brake.
 - P.87. Rubber Block, for all Cable Brakes.
 - P.91. Lever Pin and Nut, for Nos. 1 and 2 Levers.
 - P.92. Lever Clip Pin and Nut, for Nos. 1, 2 and 5 Levers.
 - P.109. Cable Adjuster, complete with Nuts.
 - P.113. Lever Bracket, with Clip complete, for Nos. 1 and 2 Levers.
 - P.128. Shoe with Rubber Block, for all Cable Brakes except Philco.
 - P.129. Shoe with Fibrax Block, for all Cable Brakes except Philco.
 - P.132. Cable Stop.
 - P.319. Cable Terminal, small type.
 - P.320. Cable Terminal, large type.
 - P.321. Cable Terminal, Roller type.
 - P.322. Stirrup Spring, for Philite and Agrippa Brakes.
 - P.323. Lever only, No. 5 pattern.
 - P.324. Lever Bracket, with Clip complete, for No. 5 Lever.
 - P.325. Centre Stirrup Bolt, with Bushes and Nut, for Agrippa and Philite Rear Brakes (Horizontal Bolt Fastening).
 - P.326. Centre Stirrup Bolt, with Bushes and Nut, for Agrippa and Philite Front Brakes.
 - P.327. Centre Stirrup Pin, Nut and Washer, for Philite and Agrippa Rear Brakes (Vertical Bolt Fastening).
 - P.328. Bridge Pin, Nut and Washer, for Philite and Agrippa Rear Brakes (Vertical Bolt Fastening).
 - P.329. Bridge Clip, for Philite and Agrippa Rear Brakes (Vertical Bolt Fastening).
 - P.330. Draw Bolt, Nut and Washer, for all Cable Brake Shoes except Philco.
 - P.331. Draw Bolt Sleeve, for all Cable Brake Shoes except Philco.
 - P.332. Cable Adjuster Lug, Nut and Washer.
 - P.334. Central Stirrup Pin and Nut, for Philite and Agrippa Clip Fastening Brakes.
 - P.335. Lever only, No. 1 Type.
 - P.336. Lever only, No. 2 Type.
 - P.337. Swivel Link, for No. 5 Lever.
 - P.338. Lever Pin and Nut, for No. 5 Lever.
 - P.339. Clip Tightening Pin and Nut, for Philite and Agrippa Clip Fastening Brakes.
 - P.340. Shoe Tightening Pin and Nut, for Philco Brake.