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National Cycle Archive



successfully

E. CLARK'S

* NEW CENTURY *

CHUMPIOGUE

-: OF :-



REGISTERED

※CYCLES※

-: WITH :-

ILLUSTRATIONS & PARTICULARS

-: WHERE :-

LEADER CYCLES

Are Made and Sold.

BRISTOL

& W. GOULDING, PRINTERS AND PUBLISHERS,

100

MINTRODUCTION. &

N presenting my REVISED CATALOGUE, I take this opportunity of thanking my numerous patrons for past favours. I trust, not only the Machines, but my integrity and method of business, will retain old customers and bring me a considerable number of new ones.

DISCOUNTS. One of the most fictitious guides to the purchase of a Cycle is the ridiculous system of discounts I list my Cycles at Nett Cash, and find that it saves both time and customers' money.

GUARANTEE. All Cycles are fully guaranteed, and should a "Leader" Cycle give trouble, I shall always act up, in every respect, to the conditions of the guarantee. If a defective part should be found, it must be sent to the Works, accompanied by an intimation from the sender that he desires to have it repaired free of cost, stating date of purchase of Machine. I do not guarantee the specialities of other firms, such as

TYRES, SADDLES, BELLS, LAMPS, &c.,

FREE WHEELS & BACK PEDALLING BRAKES,

supplied with my Machines, or otherwise; but I endeavour to
secure the best quality of these articles, and the makers are, in
nearly every case, willing to replace any defective parts.

TYRES AND FITTINGS. I will do my best to recommend to customers only goods that I have proved to be of good value.

Trusting to receive your kind patronage,

I am, yours obediently,

E. CLARK.

Particulars

OF

'The LEADER' CYCLES.

- THE DESIGNS have the most careful consideration, and are fully up-to-date in every minute optail.
- WEIGHT has been reduced as far as possible, after careful consideration and actual practical tests by experts.
- MATERIALS. Nothing but the best obtainable are used in the construction of "THE LEADER" CYCLES.
- WORKMANSHIP. "The Leader" Cycles are made throughout by skilled mechanics, under direct supervision, and no work leaves the workshops unless perfect in every particular.



THE PRICES in this List are strictly Cash; but, to meet intending customers, I am prepared to accept GRADUAL PAYMENTS:—but they must obtain a trustworthy Guarantor.

Terms can be obtained at either of the Depôts.



ALL REPAIRS are executed without any undue delay, and as all Enamelling and Plating are done on the premises, no excuse can be given in that respect; and my charges are always fair.

DEPOTS in BRISTOL for Leader Gycles,

ALSO

REPAIRS, HIRING, &c.



223 Cheltenham Road (North Bristol).

DEPOTS in BRISTOL for LEADER CYCLES,

Also REPAIRS, HIRING, &c.

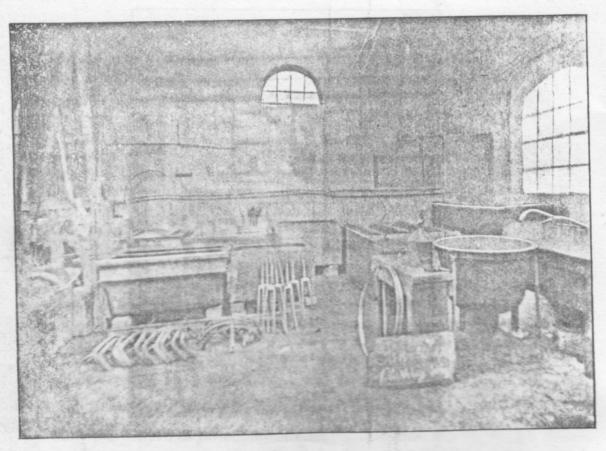


8 Bath Road, Totterdown (South Bristol).

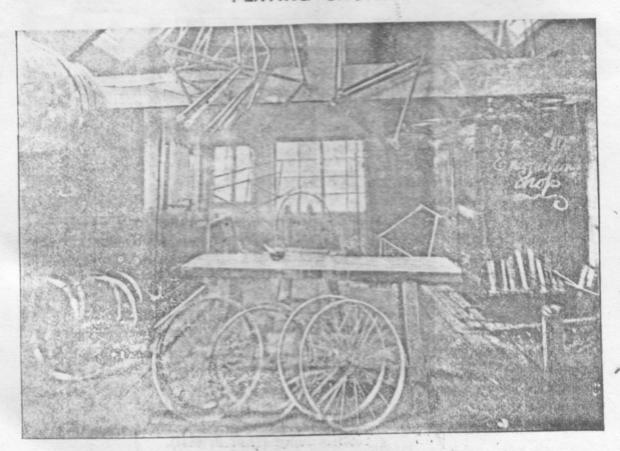


33 Stapleton Road (East Bristol).

THE PADDOCK, STAPLETON ROAD, Where LEADER CYCLES are MADE.

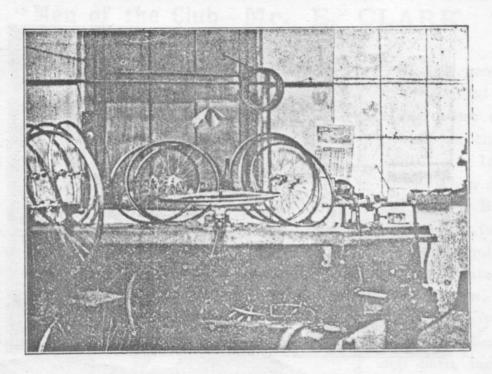


PLATING SHOP.

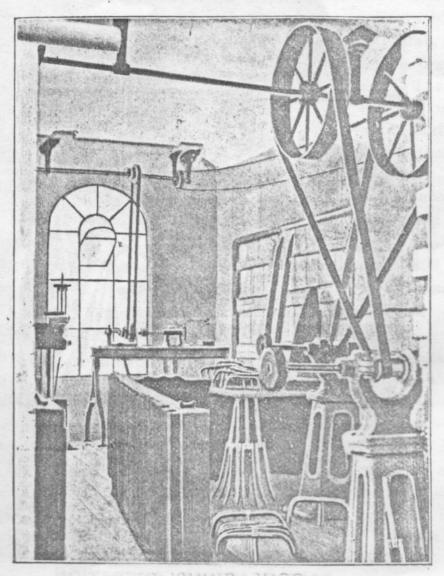


ENAMELLING SHOP.

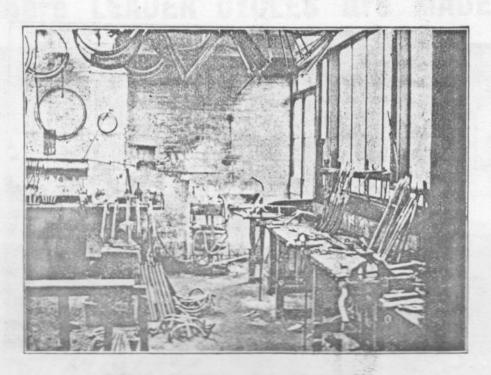
Views of Works: THE PADDOCK, STAPLETON ROAD, Where LEADER CYCLES are MADE.



WHEEL BUILDING SHOP.



Views of Works: THE PADDOCK, STAPLETON ROAD, Where LEADER CYCLES are MADE.



FRAME MAKING SHOP.



SAND-BLASTING OPERATION.

Reprinted from "The Bristol Bicycle and Tricycle Club Gazette," October 1st, 1900.

"Men of the Club-Mr. E. CLARK.



HIS gentleman started his cycling career on the G.O.O. in the year 1882. In 1885 he joined a now defunct club, the Bristol Jockey C.C., in which he held membership until the date of its dissolution, 1898, winning many of its racing trophies, road and path, including a 12 hours' record, ordinary bicycle, for that club, and also for the West of England. The distance was 136 miles, unbeaten to the present day on that type of machine. He was fairly successful on the racing track in

open competitions, his special forte being grass courses.

"Mr. Clark became a member of the B.B. & T.C. in 1898, and the same year scored in the Club '12 hours' with 168 miles, a feat he dis counted in 1899 with 171, and further so this present year with 180, both the latter being unpaced rides.

"He admits a regard for cycle touring, and favours the Sunday Roving Fixtures, sometimes appearing at these on his motor tricycle to the delight and wonderment of the natives of out-of-the-way places often visited by the members on these unofficial runs. He was elected a Sub-Captain this year, and is to the fore on all occasions when business permits, and is always ready to forward the interest of the Club in any way at his command. Needless to recount for 'Club runners' that he is generally liked, and that his ready services in the cause of punctured or otherwise distressed riders are greatly appreciated by those 'fortunate' unfortunates."

NOTES ON ** CYCLE BLIVING

By E. CLARK.

DEAR SIR OR MADAM,

I hope that my endeavours to put a few facts clearly before you respecting the purchase of your new machine will meet with your approval, as my intentions are to make your path as smooth as possible. In past years I have issued a price list of my cycles, but to my mind it is of no use, as the cycle buying public know what they want quite as well as the manufacturer of cycles, and in most cases their knowledge of Component Parts, Tyres, &c. (thanks to our up-to-date Cycle Journals), is right up-to-date, as all new things are brought to the notice of everyone that takes any interest in the pastime of Cycling.

My endeavour will always be to advise only the articles that I know by experience to give good results, and throughout the season it is my good fortune to receive patronage from new converts to our glorious pastime, and my one aim is to give them my advice as to what kind of cycle will suit their requirements best, and I can with pleasure always meet them, knowing I have made their cycling pleasure as happy as possible.

A wise maker never sells a machine that he has any doubt about.

It is vital to your comfort and peace of mind that your cycle should be made to fit you and suit your purpose.

Always remember that your life is at stake, whether you ride a good machine, an old crock, or a shoddy made new one.

When you buy a locally built machine from a man that understands his business, and has the proper tools to use, and a reputation at stake, you have no fear, as he would be worse than a fool to deceive you.

Buying direct from the maker greatly facilitates any arrangements which you desire to make as to components, tyres, saddles, rims, chains, and other fitments, and you have the advantage of discussing with a practical man the advisability or otherwise of having embraced in the build of your cycle certain special points which have been from time to time brought to your notice, and for which you have a liking. Should any repairs be required, or you have a grievance, you have only to apply to the builder of your cycle, and have every opportunity of preventing delays and disputes through the medium of third parties of the description which occur when the machine has to be forwarded to the big factory for the purpose.

Only a few years ago the locally built machine was a novelty, a rarity, which you only came across in isolated cases. To-day 90 out of every 100 cycles are locally made machines, and in Bristol "The Leader" takes first place. And why do the public demand a locally built machine? (Why) the man who is selling Agency machines can with ease shift from one firm to another, and so rid himself of the onus which naturally results in the event of dissatisfaction. The local maker sells you yesterday, to-day, and for all time one machine-his ownand built into that machine is his reputation-but above all get to know if your local maker has not bought his machine from some outside source with his own transfer fixed on (a very common practice, I am sorry to say, at the present time). I take this opportunity of asserting that all the cycles turned out by me are made at my own works—The Paddock, STAPLETON ROAD, BRISTOL. As regards prices of cycles, one maker might quote, say, £8 17s. 6d. for gent's cycle, made with B.S.A. fittings throughout, with any tyres—but the fittings and tyres are not all you require, you will want a chain, saddle, gear-case, mud-guards, brakes (either rim or tyre), free-wheel, handle grips, spokes and nipples, and the machine has to be made, which requires steel tube, forks, stays, rims, &c., and you will see if you go into the thing fairly no man can quote a price for a thing that has so many different kinds, as my past experience teaches me that very few cycles are alike in every particular. Any maker can quote a price for a stock pattern machine, but my advice is get a specification of all your requirements, then give me the opportunity of quoting you my price for same. At the end of this catalogue I have printed two specification forms, one filled in with particulars of a gent's cycle, with my prices for same; kindly use the other for your own specification, and return it to me, and I will quote my lowest price for same. In this catalogue I have also issued four complete specification machines, with prices. These are my foundation to work upon to arrive at the cost of any specification. Also in these pages I have quoted the prices of a few leading makers' specialities, priced at the lowest rates. I have illustrated some of the leading styles of cycles, made from their components, including:-

B S.A. Fittings.
Eadie Fittings.
Lloyds Fittings.
Cycle Components Fittings.
Chater Lea Fittings.
New Cooper Fittings.

Chains vary in prices, but only very little, and in that particular any high grade chain can be specified, and the same price rules, but the few chains that I recommend are as follows:—

Renolds, B.S.A., Eadie, Cycle Components, Perry's, Brampton's.

With respect to tyres (see my prices for new tyres in this catalogue), at the present time they vary so much in price that my advice is, have the tyre that you think will suit your requirements, but have the best by all means if your pocket will allow, and the tyre you decide to have will be the one you will be charged for. My choice of tyres is in the order arranged, and I have had a rather big experience with tyres, as my hiring business is the largest in Bristol and district, and the tyres

Fittings.

hains.

are the parts that get the rough use. I always put any new tyre that I want to test on my hiring cycles, and I never advise my customers any tyres that will not give good results.

My advice with rims is to have the rim that the makers of the tyre recommends, such as—

Palmer Tyres on Palmer Hollow or Jointless Rim. Clincher Tyres on Clincher Hollow or Jointless Rim.

Dunlop-Bartlett on Westwood Rim. Clipper Reflex on Jointless Rim. Dunlop-Welch on Westwood Rim. Clipper on Jointless Rim.

With respect to saddles (and that is a sore point), the same thing rules, viz., price of same. My advice is to have a good make and you will not repent it. Saddles are like boots and shoes, the old ones as a rule fit best. The following makers' saddles I have found give good results—Brooks, Middlemoors, Lamplough, Bleumels, Coventry Gear Case Co., Hunt, Brampton.

Gear cases are like other things—good, bad, and indifferent; but my advice is, don't have one if you can do without, as they are all right for some purposes but not for others. The cases I have found to give good results are—

Dover Transparent or Black. Revod Chain Guard. Bransom, No. 116, Patent Calf. Presto Metal. Carter's Detachable Metal.

Cases.

Two Speed Hub Gears. I am sure that it is a boon to any rider, except racing men. I have used one myself, and it has stood the trial very well; also I have fitted a large number, and in no case up to the present have I known one fail to give advantage and comfort to the rider, but I find that the majority are at first under the impression that with the two speed hub they can do with a gear much higher than they are in the habit of using, but it is quite a mistake, as it robs the two speed hub of its charm. I find that your highest gear should be only a few inches higher than the one you are used to, then you can ride up hills with pleasure that you used to walk or struggle up.

In conclusion, I beg to thank all those who have supported me in the past, and hope to receive a continuance of their favours, assuring both them and any new customers that my best endeavours will always be used, as before, to give satisfaction in every respect.

Yours truly,

E. CLARK.

LADY'S LEADER CYCLE.



LEADER No. 1—Lady's Cycle.

THIS Cycle is built entirely of the celebrated B.S.A. Fittings. This Machine is sent out complete with Pump, Bag, Oil Can, Repair Outfit, Pump Clips, and set of Spanners.

SPECIFICATION.

FRAME—Any height to order; best butted weldless Tube, Forks, and Stays.

WHEELS—Equal 26 or 28-in., or any size to order: best double-butted plated Spokes ("Anchor" Brand).

CHAIN.—B.S.A., or Renolds' or Garrard's ½-in. pitch Roller.

BRAKEWORK. — Rubber Plunger, made perfect in every detail.

CRANKS. -6, 61, or 7 inch.

GEAR CASE.—Bransom best Calf.

MUD GUARDS.-Steel.

SADDLE.—Brooks' L302.

GEAR.—60, or to order.

HANDLE BAR.—Raised, or new pattern Flat.

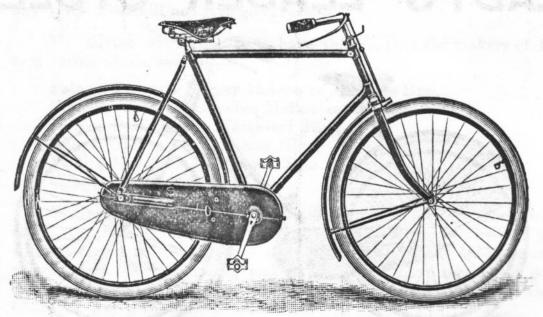
GRIPS.—Cooper's Felt.

FINISH.—Enamelled Black, guaranteed 3 coats, with usual parts plated.

Prices-Nett Cash.		£	8.	d.
Fitted with Dunlop or Palmer Tyres on Jointless or Westwood	Rims	11	11	0
Enamelled any Art Colour, as durable as Black	extra	0	-	0
Gold Lining or Colour Lining	,,	0	3	6
Lining in Gold Leaf	,,	0	7	0
B.S.A. Free Wheel and Back Pedalling Brake	"	1	15	0
B.S.A. Free Wheel and Bowden Rim Brake, with Lever	,,	1	6	0
Plated Rims Fully Guaranteed for 2 years.	,,	0	4	0
runy Guaranteed for 2 years.				

This Cycle is Built with B.S.A. Fittings. Ask for B.S.A. Hand Book.

GENT'S LEADER CYCLE.



LEADER No. 1-Full Roadster.

THIS Cycle is built entirely of the celebrated B.S.A. Fittings. The Machine is sent out complete with Pump, Bag, Oil Can, Set of Spanners, Repair Outfit, and Pump Clips.

SPECIFICATION.

FRAME.—Any height to order; best butted weldless Tube, Forks, and Stays.

WHEELS.—Equal 28 or 30-in., or any size to order; best double-butted plated spokes ("Anchor" Brand).

CHAIN.—B.S.A. or Renolds' ½-in. pitch Roller.

BRAKEWORK. — Rubber Plunger, made perfect in every detail.

CRANKS.-61, 7, 71, or 8-in.

GEAR CASE.—Bransom best Calf.

MUD GUARDS.—Steel or Celluloid, fixed, or Bleumel's Celluloid Detachable.

SADDLE.-Brooks' B 28 or 10.

GEAR .- To order.

HANDLE BAR.—Raised, Flat, Rover or Rudge-Whitworth pattern.

GRIPS.—Cooper's Felt or best Cork.

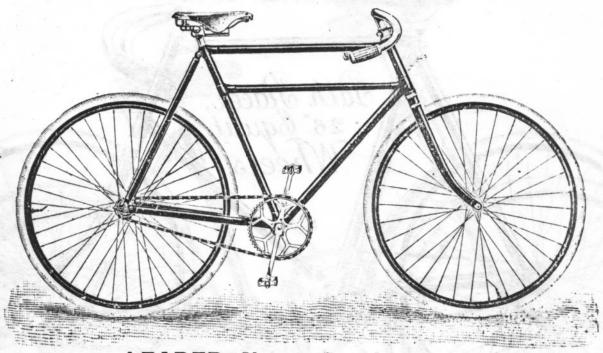
FINISH. — Enamelled Black, guaranteed 3 coats; usual parts highly plated.

Prices-Nett Cash.	£	s.	d.
Fitted with Dunlop or Palmer Tyres on Jointless or Westwood Rims.	. 11	11	0
Enamelled any Art Colour, as durable as Black extra	a 0	5	0
Gold Lining or Colour Lining ,,	0	3	6
Lining in Gold Leaf ,,	0	7	0
B.S.A. Free Wheel and Back Pedalling Brake ,,	1	15	0
B.S.A. Free Wheel and Bowden Back Rim Brake, with Lever ,,	1	6	0
Plated Rims ,,	0	4	0

Fully Guaranteed for 2 years.

yele is built with B.S.A. Fittings. Ask for B.S.A. Hand Book.

GENT'S LEADER CYCLE.



LEADER No. 1-Road Racer.

THIS Cycle is built entirely of the Celebrated B.S.A. Fittings. This machine is sent out complete with Pump, Bag, Oil Can, Set of Spanners, Repair Outfit, and Pump Clips.

. SPECIFICATION. .

FRAME.—Any height to order; best butted weldless steel Tube, Forks, and Stays: also made without the extra Top Tube.

WHEELS.—Equal 28 or 30-in., or any size to order; best doublebutted plated Spokes ("Anchor" Brand).

CHAIN.—B.S.A. or Renolds' ½ in. pitch Roller.

CRANKS. $-6\frac{1}{2}$, $7\frac{1}{2}$, or 8-in.

SADDLE.-Brooks' B 10 or 11.

HANDLE BAR.—Racing, or Rover, Rudge-Whitworth or new pattern Flat.

GEAR.-To order.

GRIPS.-Cooper's Felt or best Cork.

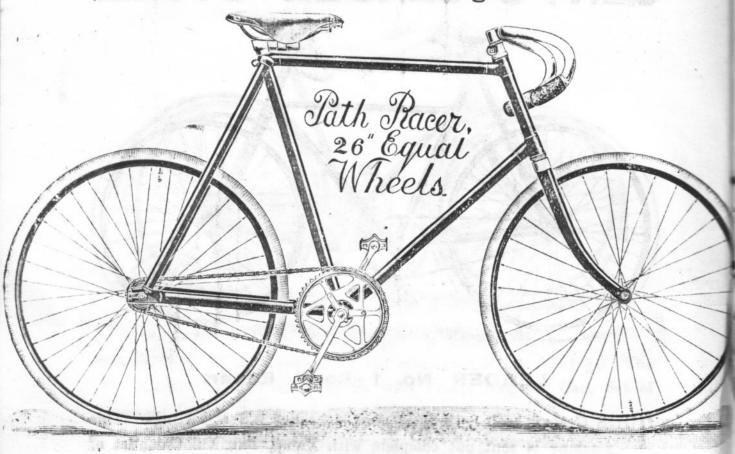
FINISH.—Enamelled Black, guaranteed 3 coats; usual parts highly plated.

Price-Net	t Cash.		0.00	£	s.	d.
Fitted with Dunlop or Palmer Tyres on W	estwood or Jo	ointless	Hollow			
Rims				10	10	0
Enamelled any Art Colour, as durable as B	lack	S 9	extra	0	5	0
Gold or Colour Lining			,,	0	3	6
Lining in Gold Leaf	PP.1. \$ 11		,,	0	7	0
B.S.A. Free Wheel and Back Pedalling Br	rake		,,	1	15	0
B.S.A. Free Wheel and Bowden Back Rim	Brake, with	Lever	,,	1	6	0
Plated Rim	TA9PAT		,,	0	4	0
D. H. G.						

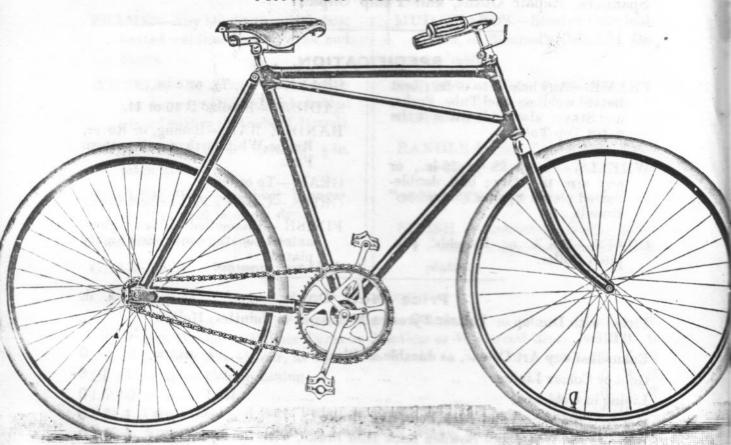
Fully Guaranteed for 2 Years.

This Cycle is built with B.S.A. Fittings. Ask for B.S.A. Hand Book.

Illustrations of LEADER CYCLE made with W. A. LLOYD'S Fittings.

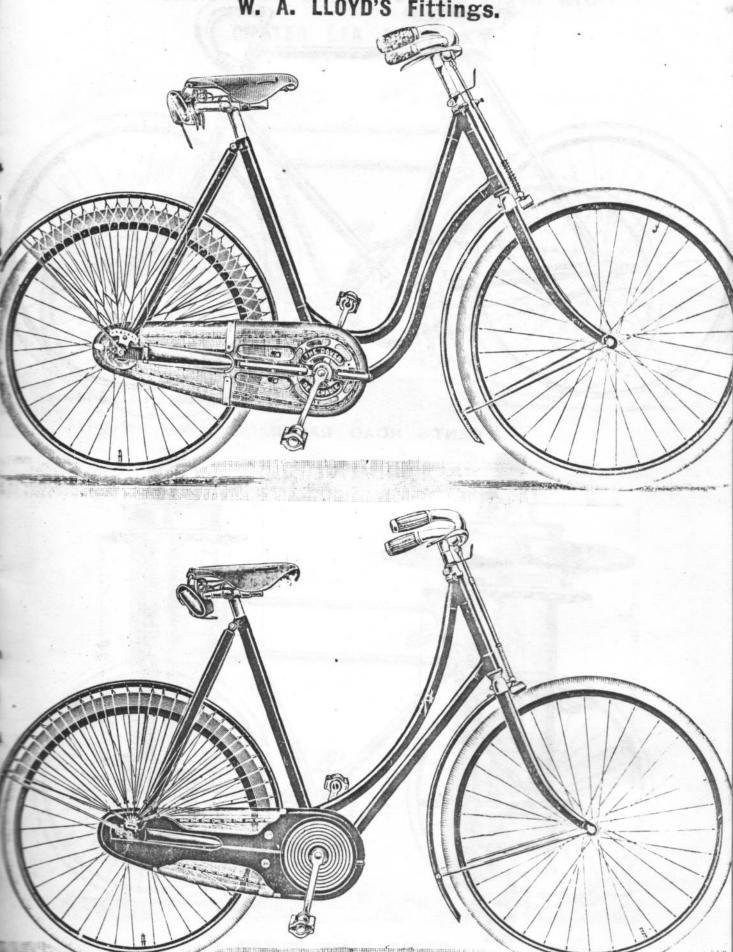


PATH OR ROAD RACER.



Ask for W. A. LLOYD'S Hand Book.

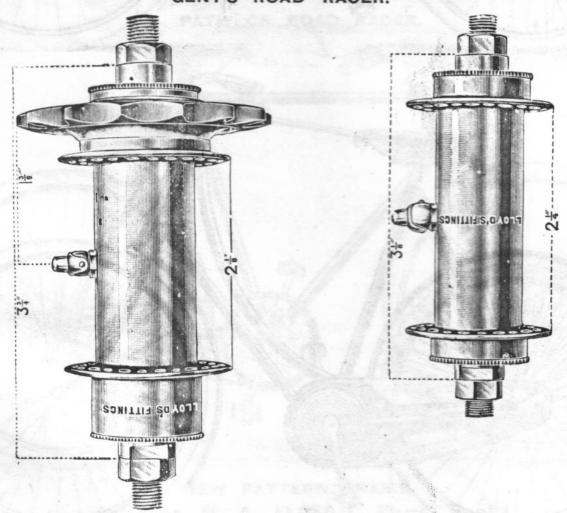
Illustrations of LEADER CYCLES made with W. A. LLOYD'S Fittings.



Illustrations of LEADER CYCLES made from W. A. LLOYD'S Fittings.

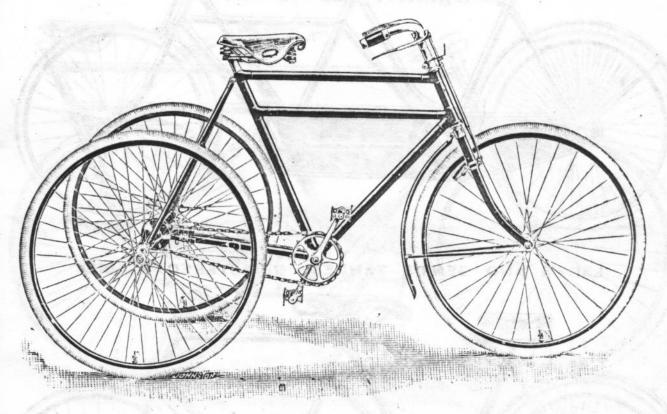


GENT'S ROAD RACER.

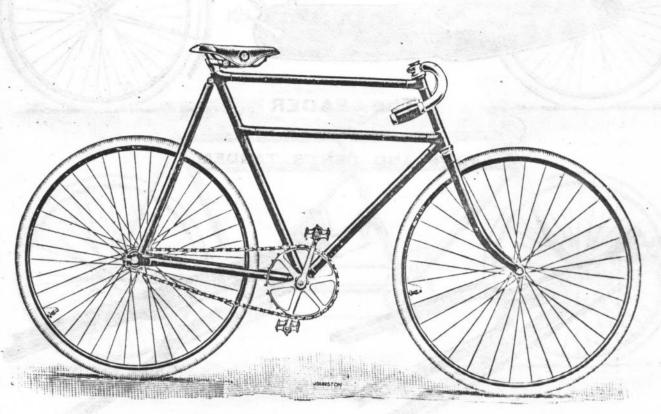


W. A. LLOYD'S Famous Hubs. Ask for W. A. LLOYD'S Hand Book.

Illustrations of LEADER CYCLES made with CHATER LEA Fittings.



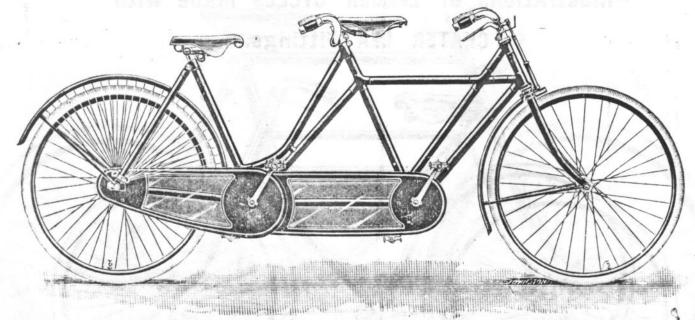
GENT'S TRICYCLE.



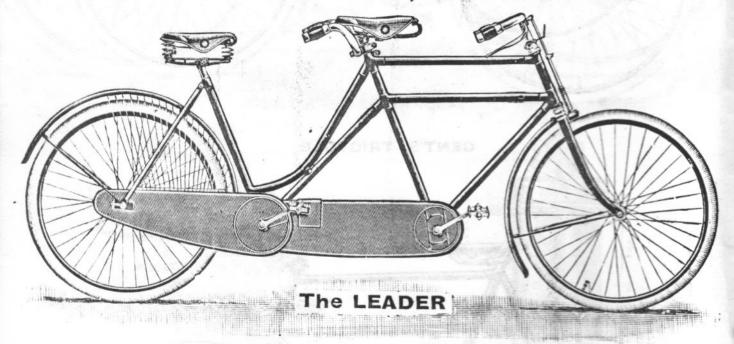
GENT'S ROAD RACER.

CHATTER LEA BAOK STAYS.

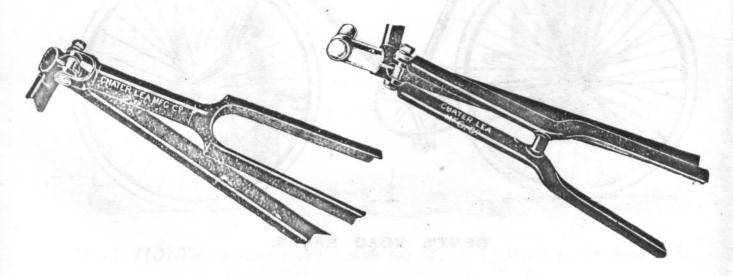
Illustrations of LEADER CYCLES CHATER LEA Fittings.



LADY'S AND GENT'S TANDEM, REGISTERED FRAME.

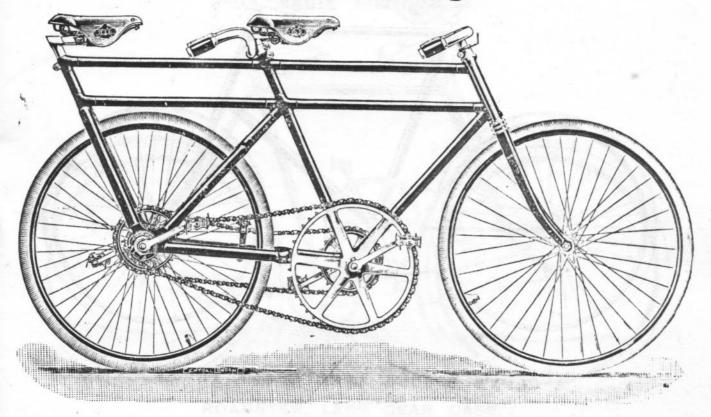


LADY'S AND GENT'S TANDEM.

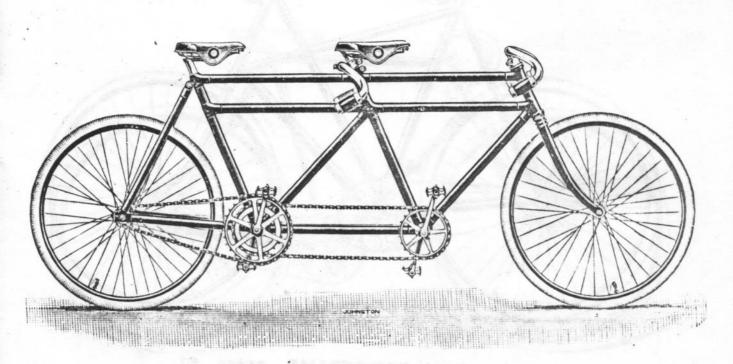


CHATER LEA BACK STAYS.

Illustrations of LEADER CYCLES made with CHATER LEA Fittings.

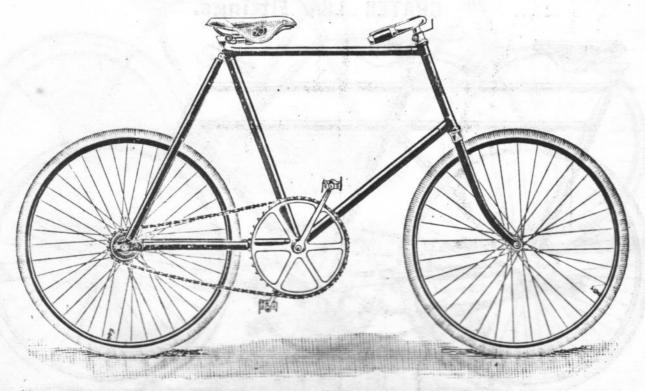


SPECIAL RACING OR PACING TANDEM.



GENT'S TANDEM.

Illustrations of LEADER CYCLES made with CHATER LEA Fittings.

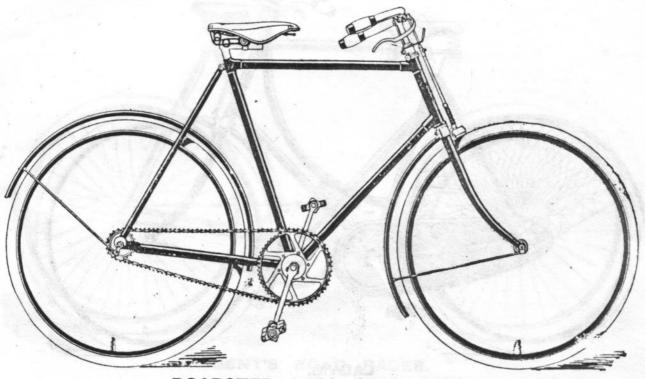


GENT'S SPECIAL LONG CRANK FRAME.



RALEIGH REG. FRAME, extra £1.

Illustrations of LEADER CYCLES made with EADIE Fittings.



ROADSTER, LESS GEAR CASE.

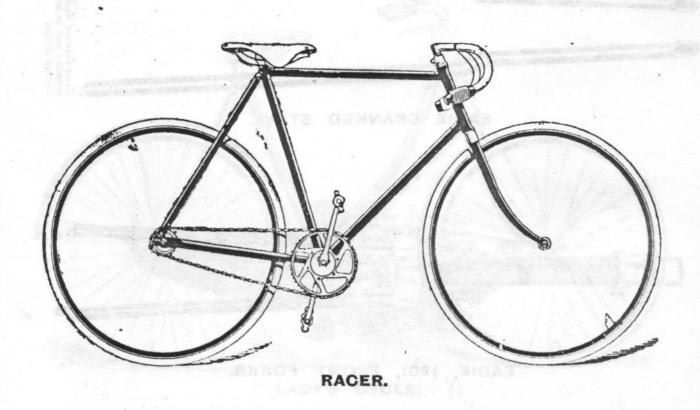
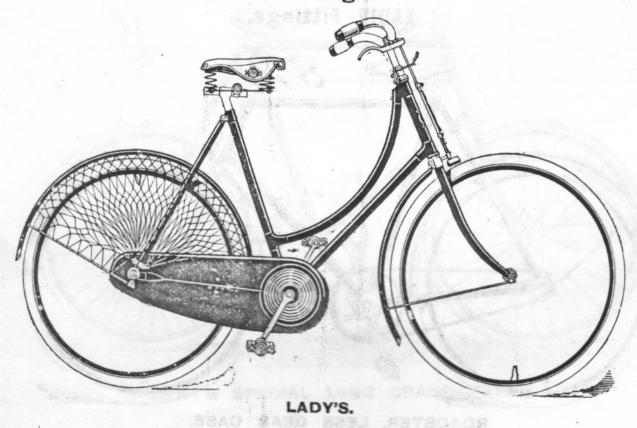
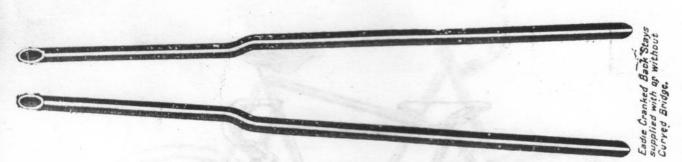
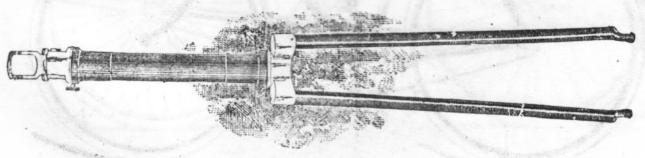


Illustration of LEADER CYCLE made with EADIE Fittings.





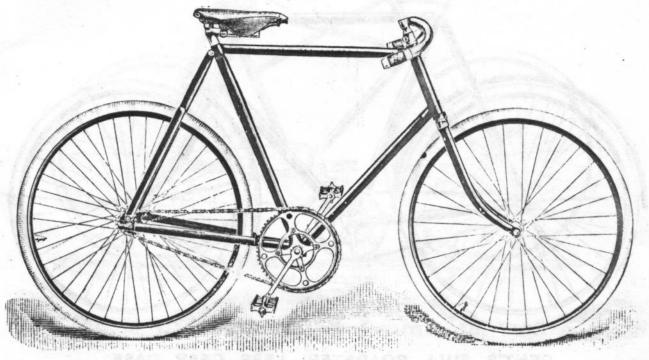
EADIE CRANKED STAYS.



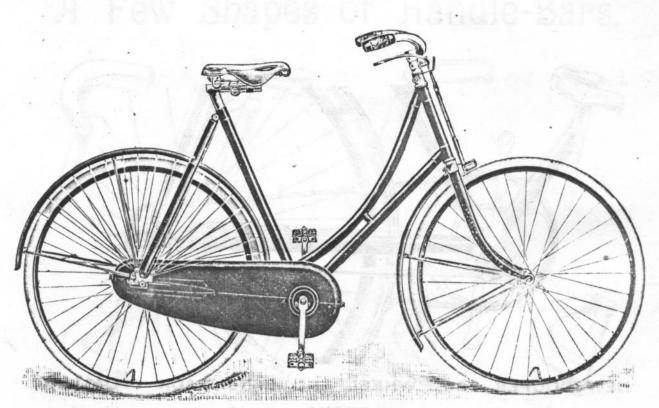
EADIE, 1901, FRONT FORKS.

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Illustrations of LEADER CYCLES made with New COOPER Fittings.

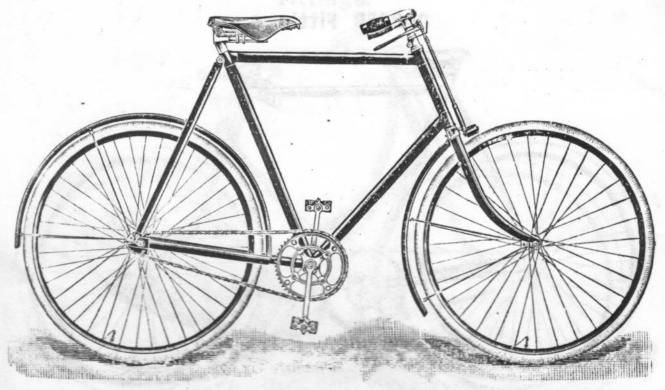


GENT'S ROAD RACER.

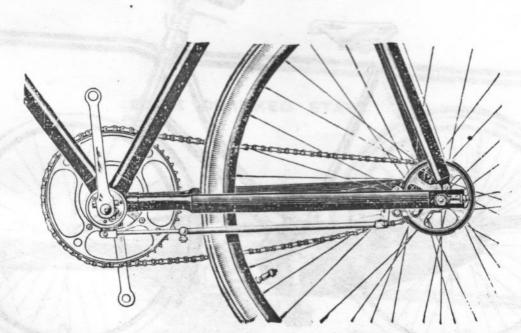


LADY'S CYCLE.

Illustrations of LEADER CYCLES made with New COOPER Fittings.

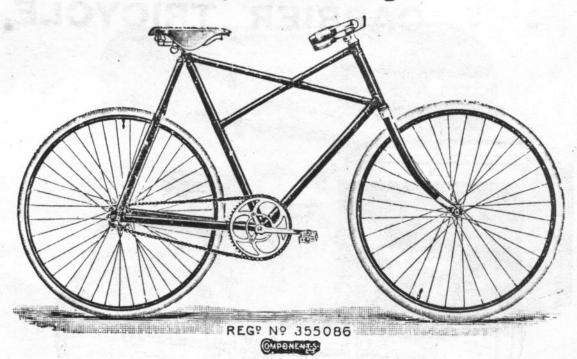


GENT'S FULL ROADSTER, LESS GEAR CASE.



NEW COOPER FREE WHEEL AND BAND BACK PEDALLING BRAKE.

Illustration of LEADER X FRAME made with Cycle Components Fittings.



Cycle Components, X Frame, 15/- extra.



A Few Shapes of Handle-Bars.



No. 1.



No. 2.



No. 3.



No. 4.



No. 5.



No. 6.

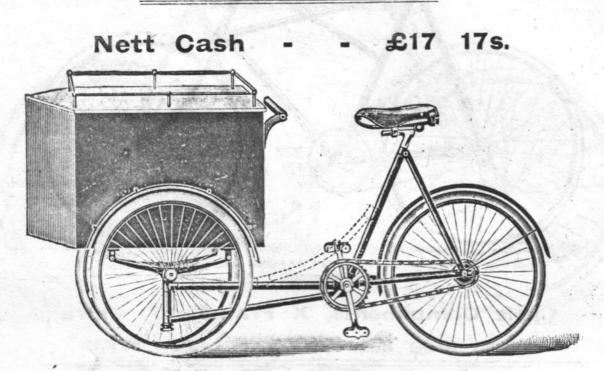


No. 7.



No 8

LEADER TRADESMAN'S -- CARRIER TRICYCLE,



Fitted with Palmer Tandem Tyres on Solid Rims.

FEW words need be said with regard to the utility and advantages of our Carrier Tricycle, as their universal adoption for all classes of business where a continual despatch of parcels is necessary, is the best testimony of their merit. They will be found to act, not only as an exceedingly economical and expeditious means of delivery, but at the same time as an excellent means of advertising.

We bestow the same care on the finish and accuracy of work on these Machines as on our Cycles.

- Every Machine Guaranteed.

We give the same Guarantee with this Machine as with our Cycles.

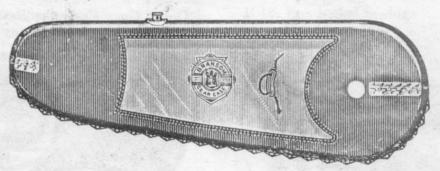
GEAR CASES.



Fitted, 12s. Od.



Fitted, 12s. 0d.



Fitted, 12s. Od.

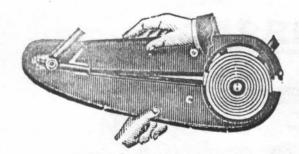


Fitted, 12s. Od., also in Patent Material, 6s. 6d.

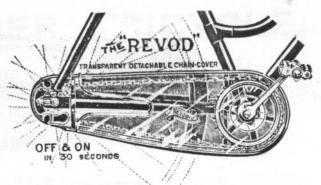


Fitted, 18s. 0d.

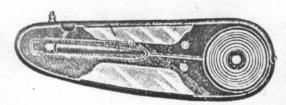
CEAR CASES, CYCLE or MOTOR HORNS.



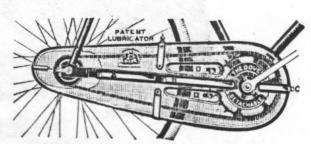
Silent Gear Case, Fitted to any Cycle, 13s. 6d.



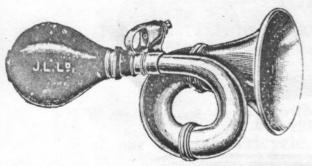
Chain Guard, fitted to any Cycle, 10s. 0d. Transparent or Black.



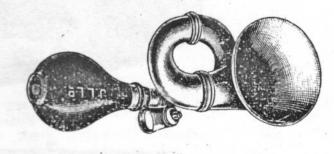
Silent Metal, Fitted, 16s. 6d.

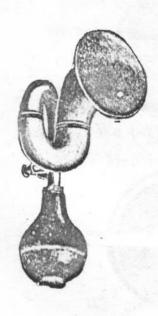


Dover Gear Case, the Best Case on the Market, fitted to any Cycle, £1 7s. 6d.



PRICES FROM 2/- TO 17/6

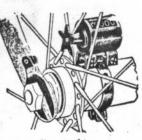






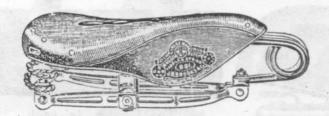


New
Departure,
2s. 6d.
Veeder,
3s. 3d.
Fitted,
6d. extra.

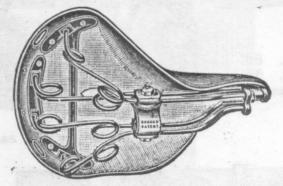


Security
Cyclometer,
3s. 3d.
Fitted, 6d. extra.

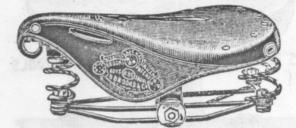
SADDLES.



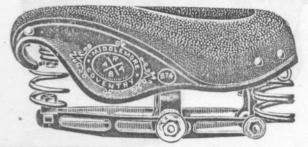
B91 Gentis Enamelled Springs 12s 6d ,, Nickel ... 16s 6d



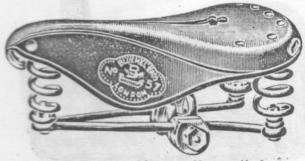
B9 Enamelled Springs ... 11s Od Plated ,, ... 12s 9d B9/2 Enamelled Springs ... 12s 9d Plated ,, ... 14s 6d



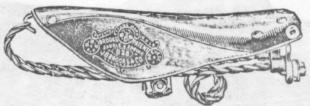
Lady's B 85 Enamelled 11s 9d Plated 14s 6d



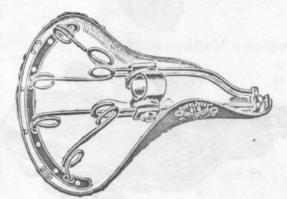
Middlemoor's Padded Top, No. 874 11s 6d



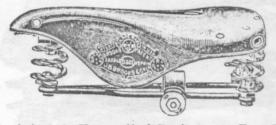
Bleumel's Lady's, No. 57, Enamelled Spring ... 78 6d ... 9s 0d



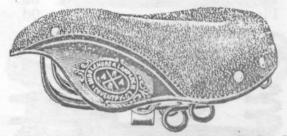
B 28 Gent's Enamelled Springs 10s 0d ,, Nickel Springs ... 12s 9d B 28/3, larger size, Enam. Springs 11s 9d ,, Nickel Springs 14s 3d



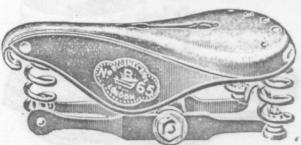
B 10, Enamelled Springs ... 10s Od ,, Plated ,, ... 11s 9d B 10/2, Enamelled ,, ... 11s Od ,, Plated ,, ... 12s 9d



Lady's 302, Enamelled Springs... 7s 6d ,, Nickel ,, ... 10s 0d



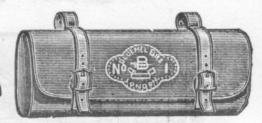
Middlemoor's Padded Top, No. 874 B 9s 6d



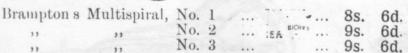
Blenmel's Lady's, No. 65, Enamelled Spring... ... 9s 6d ,, Plated Spring ... 11s 6d

SADDLES AND BAGS.





The Leader, 1s. each.

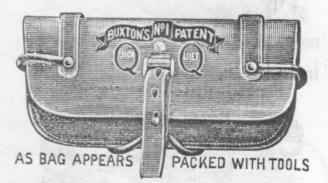




The Leader, 1s. 6d. each.



Bleumel's Gent's.
Enamelled Spring ... 7s. 0d.
Plated ... 8s. 6d.





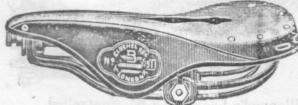
Bleumel's Gent's.
Enamelled Spring ... 9s. 0d.
Plated Spring ... 11s. 0d.



No. 1 or 2 price 2s. 9d. each.



Bleumel's Lady's, No. 62.
Enamelled Spring... ... 9s. 0d.
Plated Spring 11s. 0d.



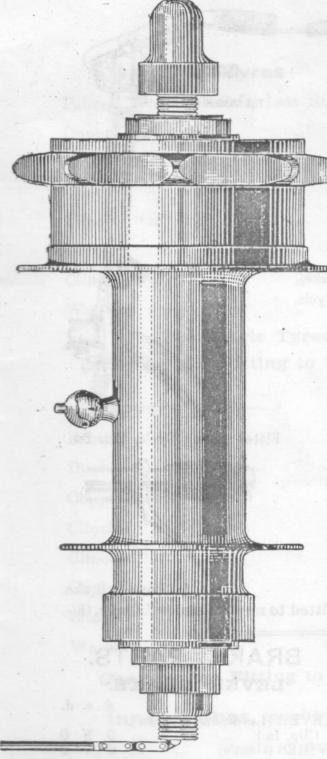
Bleumel's B 51.

Enamelled Springs ... 6s 0d
Plated Springs ... 7s 0d



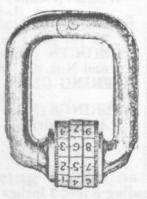
" The Silent, 1s.

2 SPEED HUB, VALVES, OUTFIT, &c.



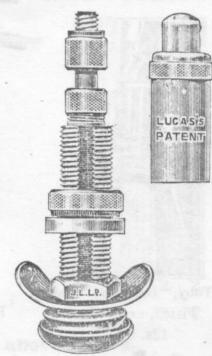
Price ... 2s.

Aluminium Figure
Lock.

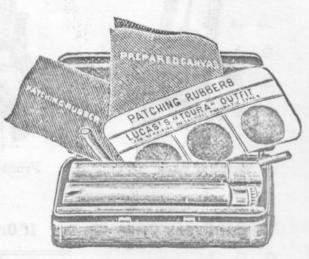


Cycle if ordered, fitted to new Machine, 38. Fitted to any make of Cycle, £3 Gear, and Free Wheel, at will. Extra Fitted to any "Leader 2 Speed

Hub,



Lucas, 1901, Valve, Price 1s.



Lucas "Toura" Outfit, 6d.
Palmer "Special" Outfit, 6d.



8d. Bottle.

BRAKES.



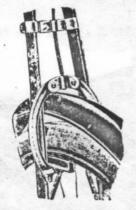
"Toby," Best of all Brakes, Fitted, except Lever, 12s. 6d.



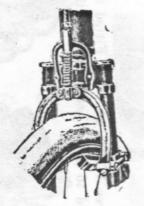
"Bronko" Brake, Fitted to any Cycle, 12s. 6d.



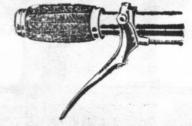
Fitted to any Cycle, 12s. 6d.



Bowden Back Rim.



Front Rim.



Lever for Bowden Brake.

Fitted to any Cycle, 17s. 6d. If Ordered, fitted to new "Leader" Cycle, 15/-.

PRICES OF BOWDEN BRAKE PARTS. TWIST HANDLE. LEVER BRAKE.

PAIR HANDLES	(with	£	s.	d.
Half Sleeve)		 0	10	6
HALF SLEEVE		 0	4	0
WIRES		 0	7	0
HORSESHOE		 0	5	0
BRIDGES	1.18	 0	1	9
SPRING CLIPS		 0	0	9
SPRINGS		 0	.0	6
PADS		 0	1	0

LEVER BRAKE.

I BURD (I			£	s.	d.
LEVER (Lever, 3s. Clip, 1s.) WIRES (Gent's)	's. 10s.)		0	5	0
HORSESHOE (She 2s. per pair; 1s. BRIDGES (Clips,	oe, 3s. each)	Lugs	0	5	0
and Nut. 6d. Sl SPRING CLIPS (eeve, 3 Pair)	3d.)	0	10	9
SPRINGS (Pair) PADS (Pair)			0	0	6
			£1	1	0

Plain Single Handle, 2s. Wires exceeding 5 feet 3 inches in length charged 2s. per foot. Frame Clips, 2d.

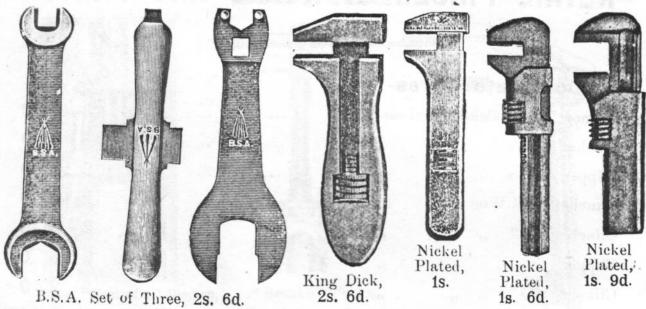
£1 10

RETAIL PRICES OF TYRES AND PARTS.

		•		1,3,					
Complete Tyres	_		· ' 17			£	8.	d.	
Palmer Tyres, Per Pair, Le		ms		•••		3	0	0	
Dunlop " "	,, ~				•••	3	0	Ö	
Clipper Reflex "	,,		•••	•••	•••	2	15	0	
Clincher "A" Won "	,,		•••	[•••	2	12	0	
Clincher "B" ", "	"		•••	•••		2	6	0	
Clipper "	,,		•••	`	•••	2	5	0	
Clincher "C" ,, ,,	,,	*			•••	2	2	0	
Warwick "	,,		•••	•••		2	7	6	
For Single 7	Cyres	Hal	f the al	bove Pri	ces.				
Charges for Fitting to Cycle-Single one, 1/-; Pair, 1/6.									
Covers only—						£	s.	d.	
D.1						1	4	0	
D 1	•			•••		1	4	0	
Clipper Reflex, each				• • •		1	2	6	
OF 1 44 A 7 War						1	1	6	
						0	18	0	
Clincher "B" ,, ,,						0	19	0	
Clipper ,,		•••	18.02075			0	17	0	
Clincher "C" " "		•••	•••			1	0	0	
Warwick ,,		 G10	 Ginal	 a ona 1/-	. · Þa			33 = 7.	
Charges for Fittin	gto	Cycle	-Singi	e one, 1/-	-, I a	,11.,	1/0.		
Inner Tubes, cor	nplete	with '	Valves—						
	s.	d.	Reet or	ality Tub	e wit	hou		d.	
Dunlop, 1901	. 6	9		ilve				0	
Palmer, ,,	. 6	9	Do. wit	h own Val	ve fitt	ed	. 5	0	
Clincher "A"	. 6	0	" con	nplete, wit	h Val	ve	. 6	0	
Clipper Reflex	. 6	0	,, Lu	cas Valve,	1901,	eacl	n 1	0	
Clincher "B"	. 6	0	" Du	inlop, 1901	, each		. 1	0	

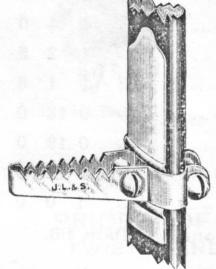
Fitting Tubes same Prices as Covers.

SPANNERS, OIL CANS, FOOTRESTS, & CYCLE STANDS.

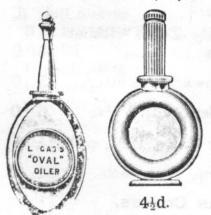




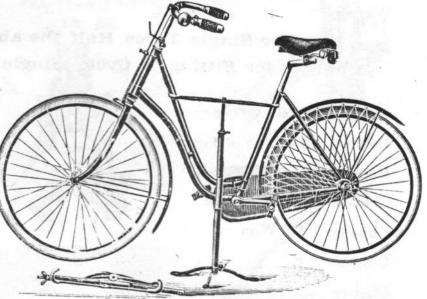
Lucas Girder, Plated, 2s. 6d. ,, Blue, 2s. 3d.



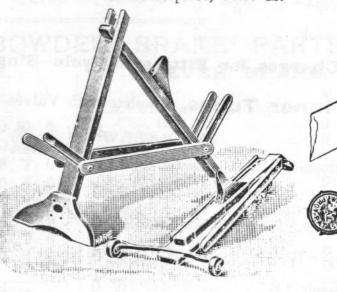
Lucas, with Shield, 1/6 pair.

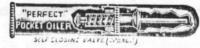


6d. each.



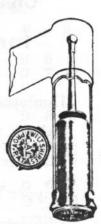
The Masterpiece, Price 4s.





The Gem, Price 2/6.

8d. each.



1s. cach.

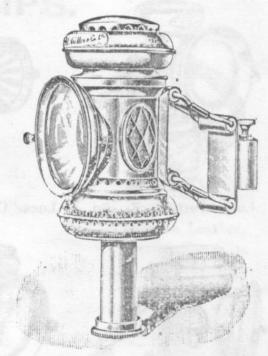
. LAMPS.



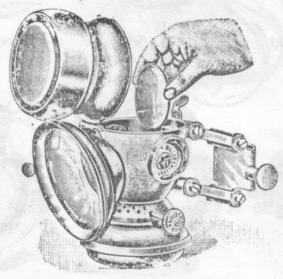
Closed.

Miller's Candle Lamp.

6s. 6d.



Open. Miller's Candle Lamp 6s. 6d.



Miller's Exelite, 6s 9d.



Apse Candle Lamp. Model 2 7s. Od. Model 3 10s. Od.

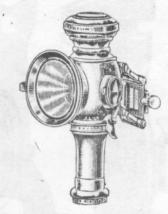


Enamelled and Plate I Lamps, from 1s. 6d.

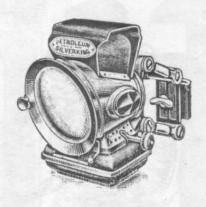
LAMPS, OILS, & WICKS.



Lucas' Petrolet, 7s. 6d.



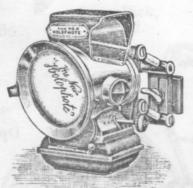
Lucas' Candle Lamp, 9s. 6d.



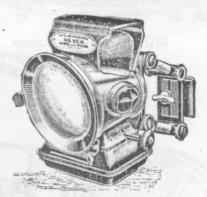
11s. 6d.



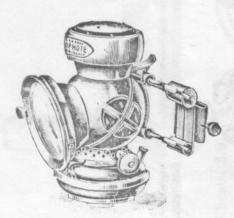
Club or Captain, 6s. Od.



12s. 6d.



Silver King, 10s. 6d.



Microphote, 7s. 6d.



3s. 9d.



2s. 6d.

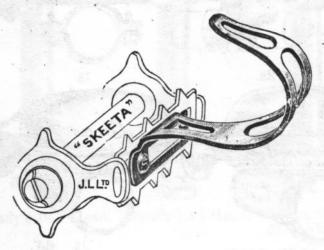


½ in., § in., 3-in. wide, 3d. Box.
1 inch wide, 4d. Box.



6d. size, 4½d. 1/- size, 9d.

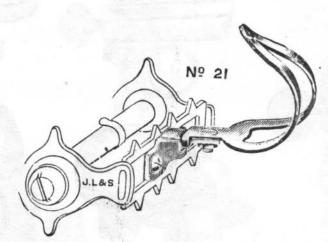
TOE CLIPS.



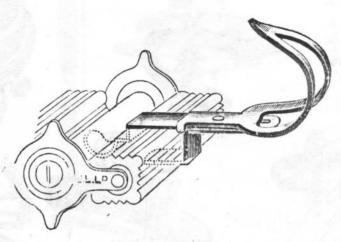
Lucas, No. 23, 1s. Pair.



Bronko Leather, Covered Toe Clip, 2s. 6d.

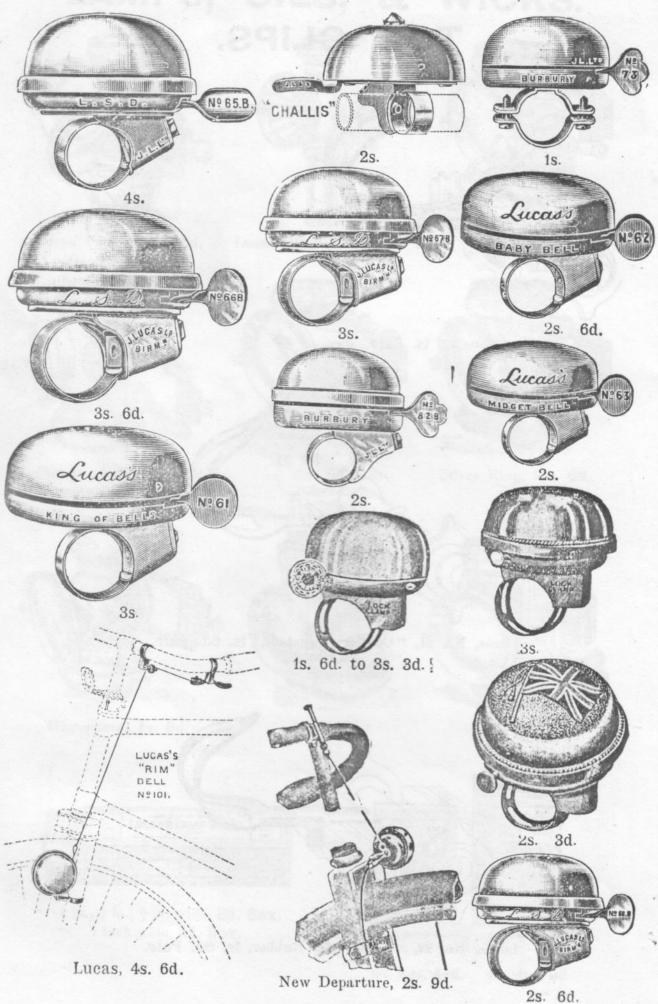


Lucas, No. 21, "Courier Adjustate," 1s. 6d. Fair.

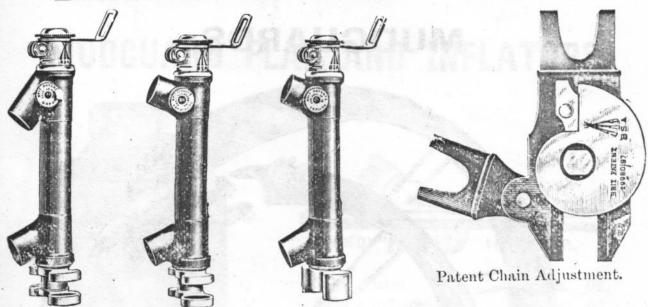


Lucas, No. 28, "Toura," for Rubber, 1s. 6d. Pair.

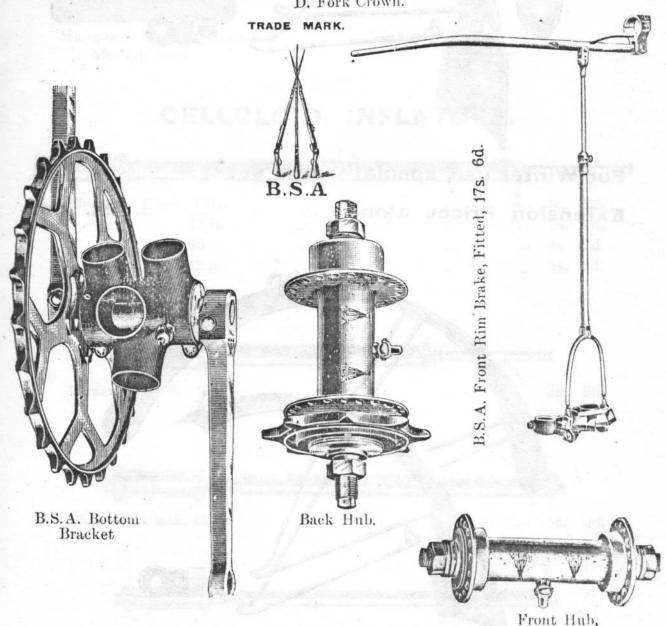
BELLS.



BRAKES & B.S.A. PARTS.



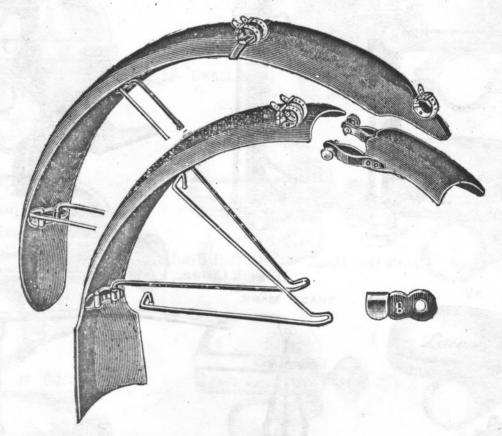
Lady's Ball Head. Gent's Ball Head. Gent's Ball Head, D. Fork Crown.



Ask for B.S.A. Hand Book.

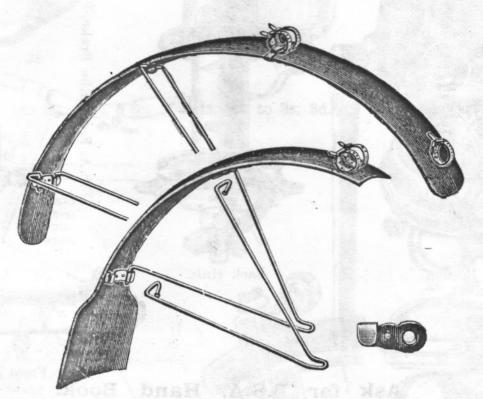
BRAKES

MUDGUARDS.



For Winter use, special width, set ... 9s. 6d.

Extension Prices alone ... 2s. 0d.



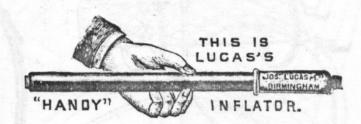
Bleumel's, 4/6 pair.

Fitted, 5/- pair.

MUDGUARD FLAP AND INFLATORS.



Mudguard Flap, 9d. each. Also 6d. each.



Metal Plated 2s. 0d. Palmer Inflator 1s. 9d.

CELLULOID INFLATORS.

Bleumel's Black, 15 in.	 		 3s.	3d
,, · 12 in.	 		 2s.	9d
" Green, 15 in.	 	•••	 4s.	Od
, 12 in.	 		 3s.	6d



Bleumel's Black, 12 in. 2s. 9d.

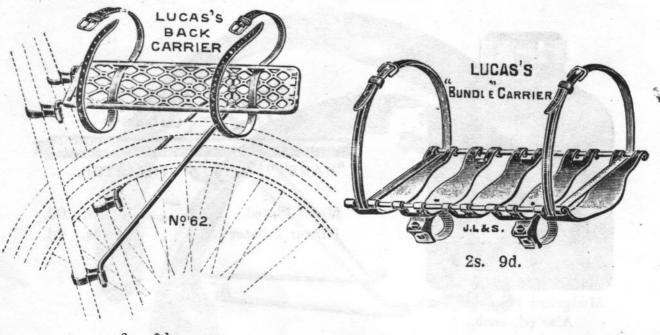


Bleumel's Black, 15 in. 3s. 0d.

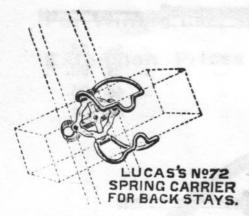


Bleumel's Black, 18 in. 3s. 6d.

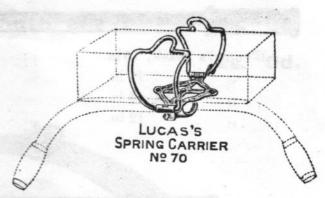
CARRIERS.



6s. 6d.



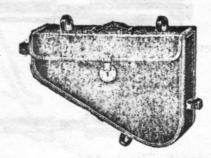
King's Own, 2s. 6d.



King's Own Carrier, 2s. 0d.

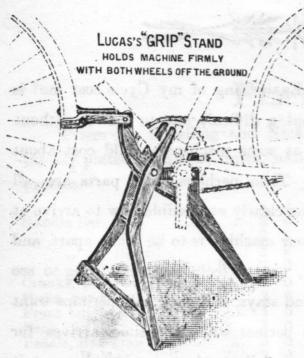


Janet Carrier, 2s. 3d. each.

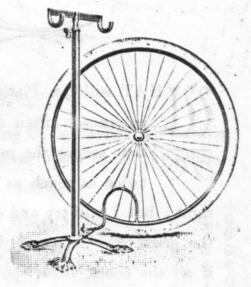


8s. each. As Illustrated, in Best Hide Waterproof Tweed, 10s.

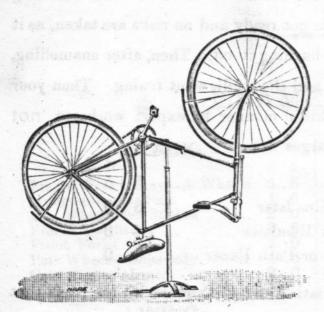
CYCLE STANDS.



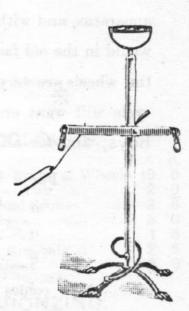
Lucas Grip, 2s. 6d.



Stand and Inflator, Price 9s. 0d.



Wood's Adjustable, Price 4s. 6d.



Without Pump, 5s. 6d. With Pump, 15s. 0d.

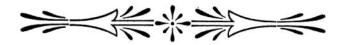
We Place Detail
Honestly
Before YOU.

ENAMELLING & PLATING.

We Place Detail

Honestly

Before YOU.



HAT will the Plating and Enamelling of my Cycle cost me? is a question often asked, but a difficult one to answer without first seeing the machine, as some machines would cost about twice as much as others. Then, perhaps, some parts are all right; but I will try and explain as clearly as possible how to arrive at the prime cost of same. First, your machine is to be taken apart, and if all the cones, balls, spokes, &c., are perfect, the next thing to see about will be the frame, forks, and stays, and they will perhaps want setting, as very few machines are perfect when the time arrives for their new lease of life, as no doubt a fall may have happened to put it a little out of track, but to a skilled mechanic it is a very simple matter providing the tubes in the frame are not kinked too bad; then all the old enamel has to be removed, and that takes a lot of time if done in the old fashion way-but at our works we have a sand blasting apparatus, and with it all work is got ready and no risks are taken, as it would in the old fashion way of burning it off. Then, after enamelling, the wheels are very rarely true, and they will want truing. Then your cycle will want erecting in a skilful manner by expert workmen, not boys, and for all this my charges are—

						8.	d.
For	\mathbf{a}	Lady's	Cycle	•••	•••	 5	6
,,		Gent's	Full R	oadster	•••	 5	0
,,		,,	Light	Roadster		 4	6
,,		,,	Road o	or Path R	lacer	 4	0

Now comes the cost of Plating and Enamelling all the parts that require to be done. If you want to find out for yourself kindly pick out from the following list, and there is your cost, and you only pay for work that has been done.

We Place Detail
Honestly
Before YOU.

ENAMELLING & PLATING.

We Place Detail
Honestly
Before YOU.



PLATING.

Prices for Polishing and Nickel Plating Cycle Parts. All work is thickly plated with best finish, and of a silver white colour, by special process.

			g.	d.
Handle Bar, Flat			2	6
Racin	g		2	9
Daigo			2	9
	Forward		3	0
	ror ward	Tue	0	
Cranks, per Pair			2	0
Hubs, per Pair			3	6
Front only			1	6
Back			2	0
Pedals, Rat Trap			2	0
,, Rubber			2	9
m 'Cl' U.:			0	0
Toe Clips, per Pair			0	9
Foot Rests ,,	***		0	9
Seat Pillar	D KUN		1	9
			-	0
Brake Lever			1.	
Brake Plunger wit	h Spoon		1	. 0
Extension Rod			0	6
Handle Bar Clip fo		Lever	0	6
Lamp Bracket, each			0	6
Tamp Bracket, each			-	-

Chain Wheel, all over	2	0
with Cranks fitted	2	9
Rims, per Pair	6	0
Fork Crown, each	1	6
Fork Ends	1	0
Fork Crown and Ends	2	0
Ball Head Clip	0	6
Bell Domes, each	0	4
Ends of Chain Stays on Frames,	-	^
Pair	3	0
Cups on Frames, each	1	0
Steps	0	3
Bowden Brake, complete	6	0
Cooper Brake, complete	7	6
Toby Brake, complete	5	0
Sundries, such as nuts, washers,	^	
&c., each	0	1

* ENAMELLING. *

BLACK.			40.
Frame, Forks, Stays, & Wheels Mudguards, per Pair Pair Wheels and Spokes Frame and Stays Front Forks Pair Wheels, Rims only Gear Cases, about	s. 6 1 2 3 1 1 2	d. 6 6 0 6 0	Frame, Mudgu Pair W Frame Pair F Pair W Gear C
LINING.			
Gent's Complete Set in Gold One colour	4.	6	Frame Mudge

Two colours

Pure Gold leaf ...

COLOURS.

	В.	d.
Frame, Forks, Stays, & Wheels	10	0
Mudguards, per Pair		0
Pair Wheels and Spokes	3	6
Frame and Stays	5	0
Pair Front Forks	. 1	6
Pair Wheels, Rim only	2	6
Gear Cases, about	3	0
w plaint adopt		

BRONZING.

Frame, Forks, Stays, & Wheels	15	Ö
Mudguards, per Pair		C
Pair Wheels, not spokes	4	6
Gear Cases, about	5	6

CYCLE REPAIRS.

Official Repairer to the C.T.C.



These prices are a few of the General Repairs that are of every-day occurrence, but all repairs are executed in a skilful manner by expert workmen under my personal supervision. Any repair that you require executed, but not priced in this list, will be charged at the lowest possible rate.

			s.	d.	
Fitting New Top Tube (Weldless Tube)			10		
Rottom	•••	•••		0)	Extra for
Seat Tube	•••	•••	10	0	Enamelling
	•••	• • •	10	0 \	Black Frame
Fitting Top and Bottom at once		•••	15	6	and Erecting,
Fitting all three at once	•••	•••	20	0	
New Curved Lady's Tube	***	• • •	12	6)	3s. 0d.
Fitting New Steering Tube in Forks			6	6)	
,, Fork Crown			7	6	
,, Fork Crown and Stem			13	ŏ	
Forles Woldloon Dain			6	6	
Forks, Brazed, Pair	•••	• • •		6	
Straightening Front Forks	•••	• • •	5		mi
	•••	• • •	2	0	These Prices
Fitting New Back Chain Stay, one only	•••	•••	7	6	include Enam-
Pair	•••	• • •	12	6 }	elling and
Fitting New Pair Back Stays (Swing Pat	tern)		6	6	Erecting, but
,, Single One			4	0	not Plating.
Fitting New Pair Back Stays if Fixed to	Frame		10	0	0.
,, One only			6	6	
" New Ball Head Tube			7	6	
" New Seat Pillar Lug, Lady's			7	ŏ	/*/
Cent's		•••			
New Rottom Breaket Com	• • • •	•••	10	6)	
	•••	• • •	2	6	
" Spindle	,		4	0	
,, New Cup and Cone Bracket Spind	le	• • •	6	6	
New Cotters, Plated and Fitting, Pair		• • •	1	3	
One	• • •	•••	0	9	
Straightening Cranks, from			0	6	
" fitted to Chain Whe	el	• • •	1	6 3 0	
New Plated Crank, and Fitting, Single			ŝ	ŏ	
Fitting New Rim (Solid)			7	6)	
Westwood		•••	9	ŏ	
Lointless	•••	•••			Mhasa Dalaan
Ditting Non- Proset Hall for	•••	•••	10	0	These Prices
	•••	•••	10	6	include
,, Back Hub, from	•••	• • •	14	6	Enamelling
,, Spoke, Single	•••	•••	0	6	and Erecting.
,, Spokes, Chain Wheel side, e					200 - 200 -
" Set of Spokes, Best Quality			6	6)	
,, Front Hub Spindle, complete	e with Nu	ts		- 536	
and Washers	•••		1	9	1)3
Hul Spindle complete with	Cones		â	ŏ	
Rock Hub Spindle complete	with Nut		U	U	
and Washers	WIGHT TAUL	, a	0	^	
and washers		• •	2	0	

CYCLE REPAIRS—Continued.

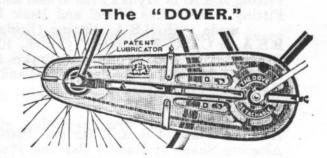
				_
				d.
Fitting New Back Hub Spindle, complete	with Nuts, Washers and	Cones	4	0
Nuts, Plated, each Steps, Plated, each	7		0	3
Steps, Plated, each			0	6
Truing Wheel, from			1	0
Taking down Pair Wheels and Rebuilding	g same		7	0
These prices represent Goods such as Hub	Cones, Nuts, &c., of B	.S.A.,		
Eadie, Perry, and Lloyd's Manufactur	res.			
Fitting B.S.A. or Hyde's Free Wheel and I	Bowden Brake to any Cy	ycle	28	6
Fitting B.S.A. Free Wheel and Back Ped				
made with B.S A. Fitting (Bridge			42	0
B.S.A. or C.C.C. Free Wheel Crutch, 10/6	. Fitted, 1/- extra.			
Other Makers' Free Wheels and Brakes fitt		cost.		
Taking apart any make Free Wheel and C		•••	1	6
New Seat Pillar, Plated			3	0
Chain, Bolt, and Nut			0	3
Chain—New Link fitted			Õ	6
Altering Shape of Seat Pillar and Plating			2	6
Altering Shape of Handle Bar and Platin			3	9
Fitting New Lap to Handle Bar, and Pla			3	9
Fitting New Set of Brake Work and Pla			0 2 3 3 7 5 6	ŏ
			5	6
New Handle Bar, Plated, Flat Raised			6	3
		•••	6	3
,, Racing		•••	1	ő
Glasi', If Forward Lug	g, extra	•••	1	Ö
Cleaning and Oiling Cycle		•••		Ö
Cleaning, Oiling, and Adjusting Cycle		•••	2	
Overhauling, Cleaning, Taking Apart, and	Erecting, about	•••	4	0
Straightening Pedal	•••	•••	0	9
Brazing in Pedal Pin	•••	***	1	0
,, and Plating Crank		•••	2	0
New Set of Pedal Rubbers, Fitted		•••	1	9
Plain Puncture	•••	•••	0 2 2	6
Fitting New Valve	•••	•••	2	0
Fitting New Valve and Putting Tube in	Wheel	•••		6
Reseating Valve			1	0
Valve Rubbers, 1d. each, 3 for 2d.				
Rerubbering Outer Cover (good quality)			12	6
Relining Outer Cover		•••	9	6
Recementing on Cushion Tyre		•••	1	0

MAIL CARTS AND BASSINETTE.

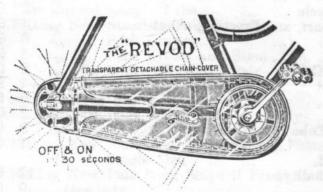
									8. (l.
	Fi	tting New	Tyres.	6—12 in.			•••		1	0
•		"	-,,	12—18 in.			•••		1	6
		,,	,,	18-23 in.		•••			1	9
		,,	,,	23-25 in.			***	•••	2	0
			,,	25 in. and over				•••	2	3
		Fitting onl	y, 6d.	New Bolt and	Nut to	Axle, 3d.	Mail Cart	Spoke,	6d.	

CONCERNING GEAR CASES

A FTER considerable experience we have very much pleasure in recommending the "Dover" Detachable Gear Case as being instantly Detachable,



handsome in appearance, and fulfilling all the purposes of a thoroughly practical and perfect chain protector.



WHERE a complete case is not desired, we suggest the use of a "Revod" Chain Cover, which suits Free Wheels, &c., and can be readily detached

and replaced. Both cases and covers can be supplied suitable for our machines in either Transparent, Black, or Tortoiseshell material.

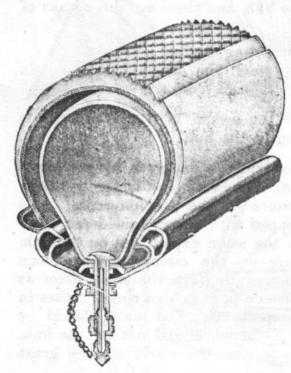
We shall be pleased to furnish any further information.

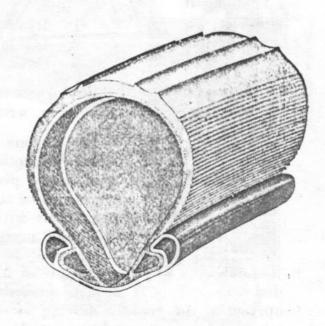
FITTED TO

"LEADER" CYCLES.

The REFLEX GLIPPER

-: AND THE :-





CLIPPER TYRES

Of 1901 ARE GUARANTEED

TO BE MANUFACTURED ONLY OF THE

Finest Para Rubber

All Roadster Covers are Guaranteed to have \$\frac{1}{8}\$ in. thick of Rubber on the tread, and to contain Tubes of 20 B.W.G. thick (3/64 in.) of

Pure Floating Rubber.

Important Points about the Brake and where to apply it.

SOME like to apply the brake to the hub, and there are three ways of doing it.



1. By compressing the hub endways.

2. Inside a small rim attached to the hub.

3. Outside of such rim.

But whatever the means of application it is altogether wrong at the hub.

Let anyone convince themselves by setting a wheel in motion, then with the finger or otherwise apply pressure to the circumference. The wheel can be stopped with a very considerable less force than with the same experiment on the hub. A brake pressure on the circumference of one pound will be found to have the same effect as a pressure of fourteen pounds on a ring 2 inches in

diameter. This is a fact of vital importance. The brake should be applied to the rapidly moving parts of the wheel and not on the hub, where it can certainly have no good effect on the wheel when a great deal of force is applied there.

Of the two kinds of brakes used on the circumference, the rim is the best place in that it does not damage the tyre; it does not throw the mud and dust back over the rider, and a deflated tyre does not render it inoperative.

The rim brake being the most suitable has given rise to many different patterns, but the "Toby" brake comes out on the top of all the others; the lateral movement and equal grip of the blocks enables it to work on any rim and any condition of rim without the least chance of throwing the wheel out of truth or fouling the spokes or valve.

Examine closely for yourself the principle of brakes, and many forms of them, and you will soon find the many advantages of the "Toby" above all others.

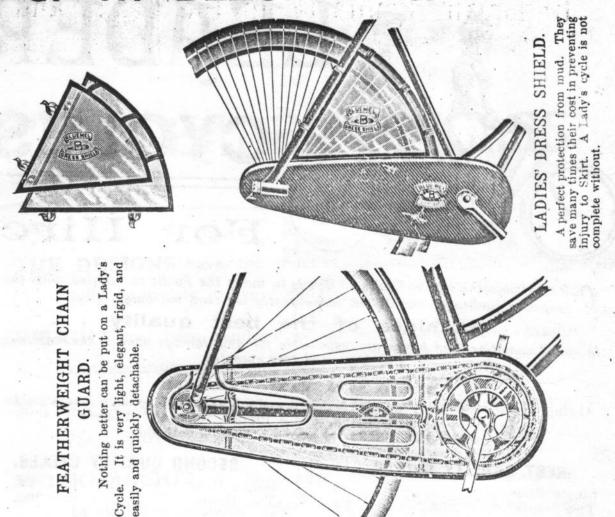
PRICE:

Front Pattern (Brake only), 12/6, which we strongly recommend wherever applicable on account of its greater simplicity and efficiency.

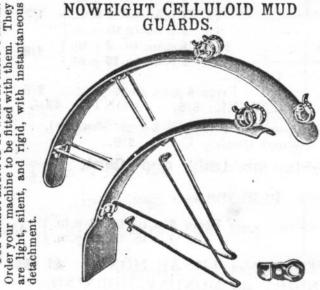
Rear Brake, including lever, and all complete, 25/--

TORBAY MACHINIST Co.,
Paignton & Torquay.

BLEUMEL BROS.

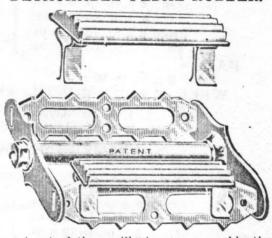


NOWEIGHT CELLULOID MUD GUARDS.



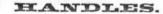
You cannot afford to be without these Guards.

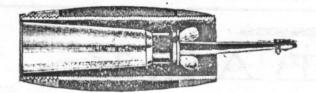
DETACHABLE PEDAL RUBBER.



A set of these will give you a combination al. For those who ride in Walking or Tennis pedal. For those who rid Shoes they are invaluable.

COMBINATION







One contains an Oiler and the other a Repair Outfit, two necessary articles which you cannot leave at home Ask your Agent to fix these to your Cycle.

Write for Catalogue to CROWN WORKS, GLOBE RD., LONDON, E.



OUR chief object in letting Cycles on Hire is to make the Public acquainted with the superior quality of our Cycles, consequently we send out only

Machines of the best quality

in sound condition, and hirers are responsible for any damage done to the machines, fair wear and tear excepted.

TERMS OF HIRE.

Owing to the dishonesty of some people it is my FIXED RULE to have a reasonable Deposit from STRANGERS, also a Proper Name and Address FROM ALL HIRERS, to save mistakes on both sides.

BEST QUALITY CYCLES.	SECOND QUALITY CYCLES.
Single Hour 9d. Two Hours 1/3. PERIODS:—	Single Hour 6d. Two Hours 10d. PERIODS:—
From 8 a.m. to 1 p.m. Or 1 p.m. to 6 p.m. Or 5 p.m. to 10 p.m.	From 8 a.m. to 1 p.m. Or 1 p.m. to 6 p.m. Or 5 p.m. to 10 p.m.
From 8 a.m. to 3 p.m. Or 2 p.m. to 10 p.m. } 2/	From 8 a.m. to 3 p.m. Or 2 p.m. to 10 p.m. } 1/6.
DAY:— From 8 a.m. to 10 p.m 3/6. WEEK: 7/6. MONTH: £1.	DAY:— From 8 a.m. to 10 p.m 2/6. WEEK: 5/6. MONTH: 18/
SATURDAY to MONDAY (from 1	o p.m. Saturday till 8 a.m. Monday), Second Quality Cycles, 2/6.

TANDEMS-For Two Cents, or Lady and Cent.

Two Hours 2/PERIODS:—

From 8 a.m. to 1 p.m.
Or 1 p.m. to 6 p.m.
Or 5 p.m. to 10 p.m.

| Or 2 p.m. to 10 p.m. | 4/-

DAY from 8 a.m. to 10 p.m., 6/6; WEEK: 15/-; LUNAR MONTH: £1 158.

TANDEMS from SATURDAY NIGHT till MONDAY MORNING,

Best Tandem, 6/6; Second Quality, 5/-.

FOR GENTS' TRIPLET FOR HIRE APPLY FOR TERMS.

Note the ADDRESSES

E. CLARK,

43 STAPLETON ROAD,
BATH ROAD, TOTTERDOWN,
223 CHELTENHAM ROAD,

Please address all Letters to 43 STAPLETON ROAD.

E. CLARK,

The "LEADER" Cycle Works, THE PADDOCK, STAPLETON ROAD.

Bristol,

190

141

BRANCHES.

43 STAPLETON ROAD. 8 BATH ROAD, TOTTERDOWN. 223 CHELTENHAM ROAD.

SPECIFICATION OF LEADER CENT'S CYCLE, NO.

Components—B.S.H., 7-inch Cranks.

Pedals-Rubber.

Frame-24-inch.

Tyres-Palmer, 28 by 1½-inch.

Rims-Jointless.

Spokes-Plated.

Handlebar-Raised.

Grips—Felt.

Brake Work—Bowden & Plunger.

Seat Pillar-L

Saddle—Brooks, B. 10.

Gear-741, 48 by 18, Free Wheel, B.S.A.

Gear Case-Dover Transparent.

Chain-Renolds' 1-inch Pitch Roller.

Dress Guards-

Mud Guards-Bleumel's Det.

	& Enam						11	11	0
Extra	-Bowde	en Bra	ake an	d F.	W		1	6	0
,,,	Dover	Gear	Case		+		Ŷ.	16	0
"	•••			•••					
						TOTAL	£13	13	Ó

Name

Please address all Letters to 43 STAPLETON ROAD.

E. CLARK,

The "LEADER" Cycle Works,

- Bristot,

190

BRANCHES.

43 STAPLETON ROAD. 8 BATH ROAD, TOTTERDOWN. 223 CHELTENHAM ROAD.

SPECIFICATION OF LEADER

CYCLE, NO.

Components	Components - R & R. F. F. Colonial Confidence
	Asside Standard Comment
Frame	
Tyres	don'eld vot. 31 manist mark
Rims	Rings - doingless.
Spokes	1098 RM - 1992 178
Handlebar	Haedeland Raised.
Grips	, Ald Committee
	regrow, or subwed - body shall
Seat Pillar	See Pillair L
Saddle.	Saddlo-Repairs B. 10.
Gear	. Octo-744 48 by 18 Pree Whee
Gear Case	Cont Cost-Tover Francour
	Cosine Rengels - non Picci Bolls
Dress Guards	- day sand
Mud Guards	
	£ s. d.
Plated and Enamelled With Pump, Bag, Spanner, Oiler, Outfit and Clips, Free.	
Extra	W.B. by G. OHER R. C.
o , at 4	Dover leas Using
,,	
0 81 819	Total, £
Name	
Address	annalist Lat
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