



THE EVIDENCE
IN FAVOUR
of a
'GRUBB'

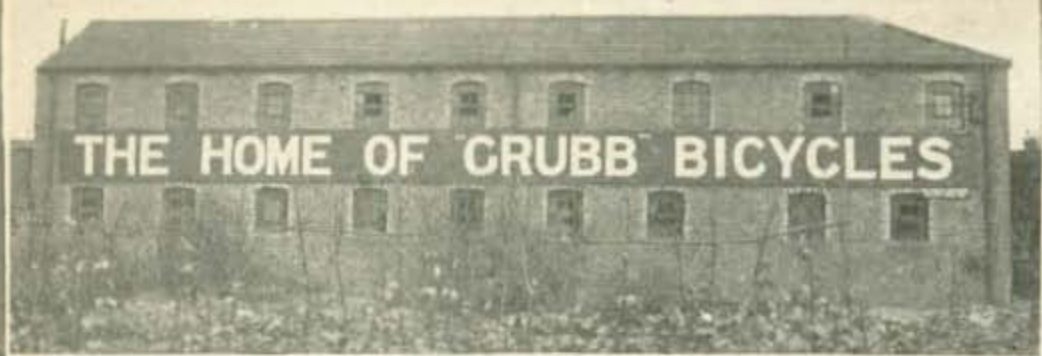


APPRECIATION

There's rather a lot of it, and you may not read it all. In any case it can only throw a sidelight upon the reputation enjoyed by Grubb Bicycles and Tandems

'The appearance of the machine is splendid' (Salisbury). 'It is a pleasure, I may say to be able to write to 'F.H.G.' and get exactly what one wants by return' (Burntisland). 'The specification has been carried out in a most satisfactory manner and I have already convinced my friend that the 'Grubb' is the 'better bike'' (Stockport). 'I consider the machine is wonderful value for the price. It is infinitely faster and more comfortable than any of my previous mounts' (Southampton). 'It runs beautifully and is full of life' (Manchester). 'I can now understand why 'Wayfarer' described the Grubb machine as 'excellent' in reply to a querist' (Flixton). 'I am perfectly satisfied in every way' (Stratford). 'My machine is running splendidly and is admired by all my friends, indeed two have placed orders for a like one' (Stockport). 'It is certainly the best little bike I have ever set eyes upon' (West Bridgeford). 'I am very well satisfied with your methods as well as the bicycle' (Chesterfield). 'The Quick-Release is one which is worthy of being called 'quick'' (Swindon). 'The more I ride it the better I like it' (Seven Kings). 'I have ridden the bike I had from you last May 4,000 miles and never had to re-adjust it. It is as good as ever it was' (Kettering). 'It is quite the smartest and lightest bike I have ever owned' (Huddersfield). 'She is very steady and silky running and very fast' (Bristol). 'Thank you for your excellent service and consideration' (Haslemere). 'I have much pleasure in informing you that the little sports Model you built for my wife, has given complete satisfaction. The machine has given no trouble whatever' (Winchester). 'It has done nearly 4,000 miles to date, in about four months' running, and E.S. and myself are delighted with its easy running' (Pendleton). 'The bicycle I got from you some time back has given the greatest satisfaction' (Bournemouth). 'May I again thank you for your very able advice and prompt attention' (Tadworth). 'It is magnificent in its running' (West Byfleet). 'Your prompt attention is unequalled by any other firm I have dealt with' (Stamford). 'She is a perfect little gem. Both my wife and myself are more than pleased with the machines you have built for us' (Winchester). 'I congratulate you on the organisation and efficiency of your staff' (Plumstead). 'The premier point is its rigidity. A bicycle worth having. I have given it a good testing' (Langley). 'Having completed just over 200 miles I should like to tell you how pleased I am with it, and to say it comes right up to my expectations' (Bristol). 'It's easier on a Grubb' (Hebden Bridge). 'I am very pleased with the splendid workmanship and the very easy running' (Sheffield). 'The specification has been carried out correctly in every detail' (Heaton Moor). 'It is easily the best machine I have ridden' (Tottenham). 'The balance seems perfect; the finish, too, is superb' (Great Missenden). 'I could not wish for anything better it is a perfect treasure' (Canterbury). 'You will be pleased to know that the road-racing tandem you built for me in February has given complete satisfaction' (Hove). 'It's a bike worth having and it is easier on a 'Grubb'' (Grantham). 'The cycle leaves nothing to be desired' (Hull). 'My clubmates and friends are surprised at the excellence of the work and the extremely reasonable price' (Leicester). 'I am very grateful for your prompt attention which is quite a change from the procrastination of most of the large cycle firms' (Derby).

These people wrote to us just as you might do. The letters from which these are extracts, were neither asked for nor suggested, and we should be pleased to show you the originals



ONE WING OF THE GRUBB WORKS

A CATALOGUE OF GRUBB BICYCLES AND TANDEM 1927-1928

F. H. GRUBB, M.J.I.E.

Gould Road, Twickenham Green, Middx.

Business Hours 8 to 6. Saturdays 8 till 1. Phone Popesgrove 1496

London Depot:

ROBSART STREET, BRIXTON S.W.9.

Opposite White Horse

Phone: Brixton 3284

Business Hours

8 to 8. Weds. 8 till 1



*"It's
Easier*

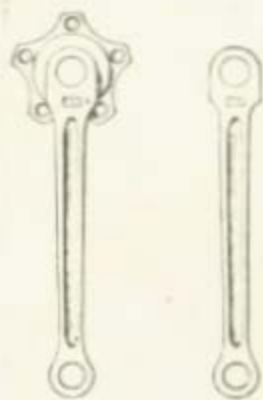
*on a
Grubb"*

ALL MODELS CARRIAGE FREE

INTRODUCTION

SEASON 1928 opens with a big advance towards cycle perfection from the Grubb Works. We are building Grubb de Luxe Models with many important improvements, such as special light steel hubs with key-holed spoke flanges, allowing easy replacement of spokes without removing cogs or free-wheels; grease-gun lubrication to bottom bracket, head, hub and pedal bearings (Pat. applied for), a

system which keeps these bearings permanently lubricated and immediately cleaned by a fresh charge of grease (see page 17).



F. H. Grubb
Special Fluted Cranks



'Key-holed' Spoke-flange

Light steel cranks of special section are used, and all steel work is Coslettized before enamelling. All nickel-plating is on copper. Many of the individual features of Grubb Bicycles and Tandems are carried forward, such as brazed-on mudguard eyes, pump pegs, chain hooks, fork lamp brackets when required, and brazed-on brake work on light-roadster models.

Any machine may be bought on the Hire-Purchase System

Seven Important Considerations

1. Weight

Every experienced cyclist knows that the light bike is not always a fast one. The light bicycle campaign is not without its traps as many cyclists have found to their disappointment. With a 'Grubb' lightness is achieved by choosing suitable fittings of the highest quality and cutting down all *unnecessary* metal. The 'liveliness' for which the 'Grubb' is famous is partly explained by the care taken to ensure that lightness and rigidity are in correct proportion. Above all a 'Grubb' is *safe*, and will give thousands of miles of hard usage and retain its tune, for it is built dead true, not sprung into line after it is built. We shall always be pleased to let you know the approximate weight of a specification before you order.

2. Speed

It would be difficult to state how many bicycles are bought annually in the hope of securing this elusive quality. At some time or other nearly every maker has described his machine as the 'fastest.'

For that reason we simply say the 'Grubb' is fast, and many successes on road and track, on Cycle, Tandem and Tricycle prove this statement. But—we do not subsidize riders. Every success is genuine, for no 'Grubb' machine is given away. You do not contribute towards the upkeep of the 'Free List.'

3. Materials

Every 'Grubb' bicycle or Tandem is built throughout of 'A' quality tubes butted where necessary. The components used are the best in their class, and all are carefully inspected. Our guarantee is genuine and we take every possible precaution.

4. Craftsmanship

Evidence of craftsmanship may be seen by the most casual of observers. You can turn a 'Grubb' 'inside out' and nowhere will you find scamped work or shoddy fitting. All machines are treated by the patent 'Coslett' process before being enamelled, ensuring a lasting and perfect finish. Our own pride in our work is only exceeded by that of the owners of the Bicycles we build, and they let us know about it in a very tangible way. Many cyclists have spent money with various small makers on B.S.A. fittings, Brook's Saddles and the best of everything only to find when too late that the frame that bears them is far from satisfactory. In a letter we have, one of our customer-friends says: 'There are two men famous for a square deal—Theodore Roosevelt and F. H. Grubb.'

5. Selling Method

To carry the 'square deal' one further we are entitled to say that you pay for a *good* bicycle and you get it. A 'Grubb' sells on sheer merit. For every machine sold as a result of advertising four more at least are sold by personal recommendation.

6. Price

A 'Grubb' is worth every penny of its price. You need not take our word for it. Go to the man who rides one and ask him. Remember there are many machines replete with quality fittings—Constrictor Tyres. Brook's Saddles, etc.—sold at a cut price. The price has to be cut somewhere, and it is cut on the frame. Surely a false economy! With a 'Grubb' you pay for first-class materials and first-class workmanship. You cannot buy a better bike. Our customers will tell you so. The cheapest is not always the best but the best is always the cheapest in the end—and a 'Grubb' is not sold at a fancy price, but a fair price.

7. Deferred Payment Terms

For the convenience of our customers we have arranged deferred terms at a very moderate rate of interest. This system is financed entirely by a subsidiary company under the personal control of F. H. Grubb. The advantages of this direct method of dealing are obvious, and far and above those offered by the usual method of dealing with outside financing concerns. You receive the personal attention and interest of F. H. Grubb from the initial discussion of your order until the completion of your last payment. Write for full details.

ALL MODELS CARRIAGE FREE



Would never part with it

"I am delighted with the Grubb, I have had it over twelve months it is the object of admiration wherever I go . . . it has carried me without trouble of any kind in North Wales, the Lake District, Derbyshire, the Wye Valley, the Cotswolds, Somerset and other counties, and, although I have had many tempting offers, I would never think of parting with it. It's easier on a Grubb."
Warrington.

Strict conformity

"Very pleased with the finish, and at your conforming strictly to my specification. Some other makers in London are not so particular . . ."
Glasgow.

Runs like silk

"The machine has more than proved its worth. It runs like silk and is wonderful on the hills. Best wishes for the House of Grubb."
Wallasey.

After four years


"Am writing in appreciation of the way you dealt with my friend. He is as keen as ever through riding one of your cycles . . . The Cycle I bought from you four years ago is running beautifully, and I intend to buy another shortly."
Willington Quay.

Recommendation

"Highly pleased with cycle . . . shall have pleasure in recommending you to all my friends. Wishing you every success."
Mansfield.

America appreciates

"Best machine that ever came into New York."
New York.



A Page for the Novice

ALMOST every clubman and experienced cyclist can look back upon the years that have passed and regret that his experience has been so dearly paid for. Ask any clubman how many machines he has bought before he has found the machine to suit him, and he is almost sure to say three or four.

F. H. Grubb will be happy to give the benefit of his experience to any novice for the asking. You need have no fear that you will be talked into buying this or buying that. Neither is Mr. Grubb's advice limited to his capabilities of execution. Business has been built upon the bedrock principles of service and satisfaction.

**Do not make yourself fit your bike
Let your bike fit you.**

No matter what your physical powers are, or the amount of riding you intend doing, we are capable of turning out a machine that will give you complete satisfaction for many years to come.

To every novice we would put this commonsense question: Is it better to buy a machine built for the million, or one built to suit you personally, correct in every detail to your requirements and fit for the purpose you intend using it for?

With F. H. Grubb the novice receives the same attention as a champion. We do not give bicycles away to champions, advertise their successes and build any old bike for the novice. All successes made possible by Grubb Bicycles are genuine, and there are more than a few of them.

Path Racing Model



SPECIFICATION

20½ in. Frame. 11½ in. Bracket height. Built with Grubb Special Fittings.

27 × 13 m/m. Bastide Rims, Constrictor No. 1 Tubulars.

Grubb Light Hubs.

1 in. Pitch Chain Wheel and Cog
Renold Block Chain.

Special light Steel Cranks, 6½ in., 6¾ in. or 7 in.

Brooks Sprinter Saddle.

13 in. Marsh Bars on Brazed-up Extension.

Constrictor Boa Racing Pedals

Enamelled in wide choice of colours.

No Tools, Tool Bag or Pump supplied with this machine.

Price £10 : 15 : 0

YOU cannot buy a faster machine. Built on practical lines, dead true, rigid and responsive. Will withstand the terrific acceleration of the crack sprinter. Yet its weight is under 20 lbs.

For additional equipment consult the F. H. Grubb Accessory List

Speed Model



SPECIFICATION

Frame, size to order.
 Brooks B17 Saddle.
 Coventry Elite Chain.
 Double Cogged Hub with two fixed cogs.
 Any Adjustable Handlebar.
 Coslettized and enamelled in black or colour.

Plated Crown and tips of front forks if desired.
 Rat-trap or Race Pedals.
 Bluemel's Sterling Pump.
 Grease Gun and Tools.
 Grubb Wing Nuts front and rear.

With F. H. Grubb Special Fittings

BUILT with the usual Grubb exactitude. Light steel hubs with key-holed spoke flanges, special light steel cranks of exclusive design, brazed on pump pegs, mudguard eyes and chain hook. Front forks are built with a new pattern crown and with reinforced fork blades, with special new Grubb fork ends, **Grease gun lubrication to all bearings as on Light Roadster model.**

Dunlop or Endrick Rims and Constrictor No. 3 tyres **£10:0:0**

Bastide Rims and No. 3 Constrictor Tubulars **£11:10:0**

With B.S.A. Fittings

Dunlop or Endrick Rims and Constrictor No. 3 tyres **£10:0:0**

Sprints and No. 3 Constrictor Tubulars **£11:10:0**

With Chater-Lea Fittings

Dunlop or Endrick Rims and Constrictor No. 3 tyres **£9:15:0**

Sprints and No. 3 Constrictor Tubulars **£11:5:0**

Special Grubb improvements and lubrication cannot be fitted to B.S.A. or Chater machines. D. Cogged Hub. **5/-** extra.

For additional equipment consult the F. H. Grubb Accessory List

Club Model



SPECIFICATION

Frame, size to order.
 Grubb Forward-opening Quick-Release.
 Wheels, 26" x 1 $\frac{1}{4}$ " or 1 $\frac{3}{8}$ " Dunlop or Endrick Rims, Black or Plated.
 Hubs, Brampton Superb Front, Wide flange, Single Cog, rear.
 Tyres, Python, Clipper, John Bull or Palmer Speed.
 Gear, to order.
 Cranks, 6 $\frac{1}{2}$ " or 7"
 Pedals, Brampton Race.
 Chain, Brampton.

Handlebars, Adjustable to order with rubber grips.
 Saddle, Brooks B17 or B18 Champion.
 Grubb Wing or Path Nuts, front and rear.
 Brazed-on Mudguard Eyes, Pump Pegs and Chain Hook.
 Bluemel's 'Sterling' Pump.
 Tool Bag and Tools.
 Finish, Coslettized and Enamelled in wide range of colours. Plated Crown and tips of Forks if desired

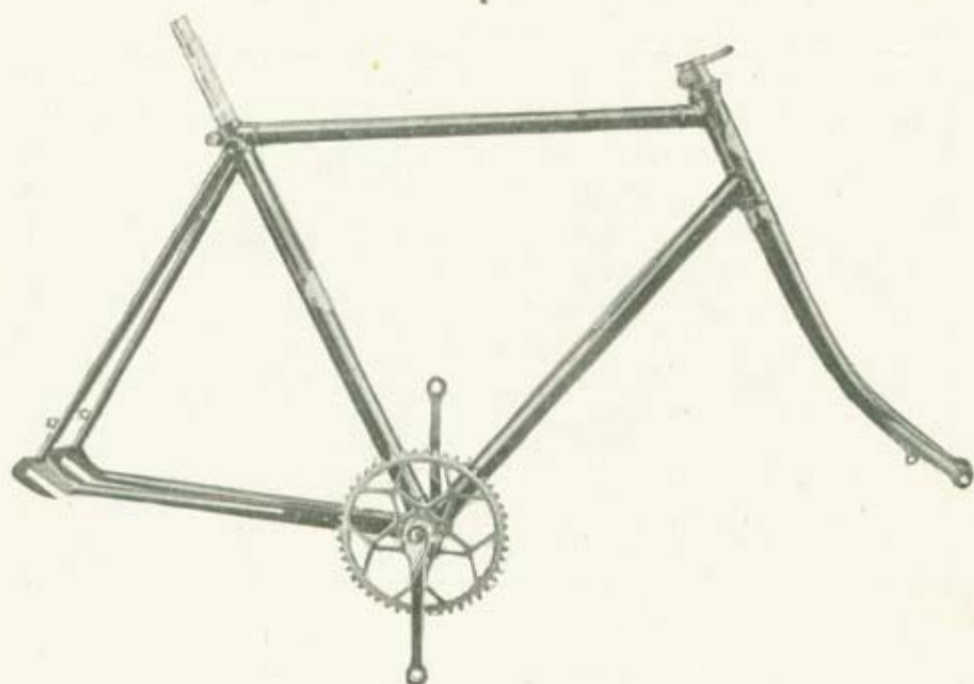
Price £7 : 15 : 0

All Black Finish 5/- extra.

BUILT of A Quality Tubing as the Best Models, with the same individual attention and finish, this machine is positively the best bicycle you can buy at this price.

For additional equipment consult the F. H. Grubb Accessory List

Frame and Forks



B.S.A. or Chater-
Lea Fittings

£4 : 17 : 6

Brampton
Fittings

£3 : 17 : 6

When ordering Frames give Frame Sizes viz., centre of bracket axle to top of seat lug; Wheel Sizes: 26in., 27in. or 28in. by diameter, 1in. or 1¼in., etc.; Crank Length; size of Chain Wheel required; width of front and rear hubs over outside of both cones.

FOR ACCESSORIES, TYRES, RACING, TOURING AND TRAINING OUTFITS

THE F. H. Grubb Accessory Service is recognised by all Clubmen as the source of supply that never lets them down. When you need a racing tyre in a hurry, or something equally as urgent, you can rely upon F. H. Grubb to get it to you in time. A copy of our illustrated 76 page Catalogue listing many thousands of components and accessories will be sent with pleasure.

EVERYTHING POST FREE BY RETURN
SATISFACTION OR MONEY BACK

Racing Tricycle



SPECIFICATION

Frame, size to order.
 Bracket Height, $9\frac{1}{2}$ " or to order.
 Wheelbase, $38\frac{1}{2}$ " or to order.
 Standard Abingdon Axle (No. 3, $30\frac{1}{2}$ " overall).
 Wheels, 26" or 27" Constrictor Flat or Round Wood Rims, No. 3 Constrictor Tubulars.
 Handlebars, Adjustable to order

Chain, Coventry Elite.
 Saddle, Brooks B17 or B18 Champion.
 Pedals, Race.
 Finish, Frame and Forks Coslettized and Enamelled black or in wide choice of colours.
 Blumel's 'Sterling' Pump.
 Tool-bag and Tools.

Weight, 27 lbs.

Built of Grubb Fittings with all improvements

£21:0:0

Chater-Lea Fittings

£20:15:0

B.S.A. Fittings

£21:0:0

Brampton Fittings with Python Tubulars

£18:10:0

THERE are 'lines' about this Tricycle that appeal to the expert. Grubb 'Trikes' have quite a reputation among the connoisseurs.

For additional equipment consult the F. H. Grubb Accessory List

Light Roadster



SPECIFICATION

Frame, size to order, with special low bracket.

Tyres, Constrictor No. 3, Palmer or Dunlop Roadster.

Saddle, Brooks B18 or B18 Champion.

Handlebars, flat or upturned, with brazed-on brake-work.

Mudguards, Bluemel's 'No-weight' with Front Extension.

Bluemel's 'Sterling' Pump.

Tools, Tool Wallet and Grease Gun.

Finish, all-black unless otherwise ordered.

Price £10 : 10 : 0

BUILT of specially selected components. Light steel hubs with key-shaped spoke holes for replacement of spokes without removing free-wheel ; grease gun lubrication to bottom bracket, head, hubs and pedal bearings (patent applied for), a system which keeps the bearings permanently lubricated and immediately cleaned by a fresh injection of grease. The brake work (roller levers) is of the best and all clips and lugs are brazed on. Special mudguard eyes and pump pegs are also brazed on. Light steel cranks of special design are used.

All steelwork is rustproofed by the Coslett process and enamelled four coats of best black.

For additional equipment consult the F. H. Grubb Accessory List

Lady's Sports Model



SPECIFICATION

Frame, size to order, with or without Grubb Quick Release. Wheels, 26 x 1 $\frac{1}{4}$ or 1 $\frac{3}{8}$, Black or Plated, Narrow-Section Steels, Butted Spokes.

Tyres, Constrictor No. 3, Dunlop, Palmer Roadster, or any Speed Tyres.

Gear, to order.

Cranks, 6 $\frac{1}{2}$ " or 7".

Pedals, Rat-trap or Rubber.

Chain, Coventry Elite.

Saddle, Brooks B18.

Brampton Fittings £8 : 15 : 0

Chater-Lea Fittings £11 : 5 : 0

Brampton Machines include Dunlop or Palmer Roadster Tyres or any Speed Tyre and Brampton Chain.

Handlebars, to choice, with Rubber Handlegrips.

Mudguards, Bluemel's 'No-weight,' with Front Extension.

Brakes, 'A' Quality Bowden Callipers, Front and Rear (or Sturmey-Coaster Hub and Short Lever Front Brake).

Toolbag.

Tools.

Pump, Bluemel's 'Sterling.' Finish, Enamelled any colour.

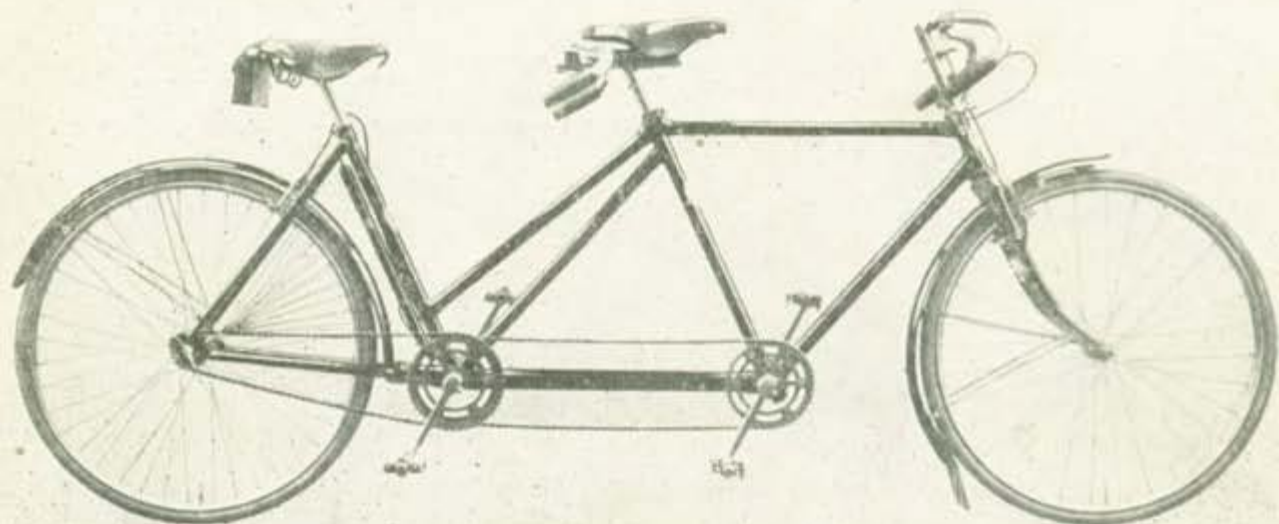
Grubb Fittings, with all improvements £11 : 10 : 0

B.S.A. Fittings £11 : 10 : 0

BUILT with the same precision and care as the F. H. Grubb Racing Bicycles, there is no lightweight as good as this model of which we are very proud. Of low build throughout there is no need for nervousness, both feet being readily accessible to *terra-firma* without leaving the saddle. Control is easy and our own special design gives the maximum of strength and rigidity with the minimum of weight. Considered from every angle this model leaves little to be desired.

For additional equipment consult the F. H. Grubb Accessory List

Special Tandem



SPECIFICATION

Frame, size to order, with or without Grubb quick release.

Wheels, 26in. x 1 1/2in. Narrow-Section Plated Steels, Tandem Spokes.

Tyres, Constrictor Ivorycord, Dunlop or Palmer Roadsters.

Pedals, B.S.A. or Chater-Lea, Rat-trap or Rubber.

Chains, Coventry Elite.

Saddles, Brooks B18 or B10.

Handlebars, to order, both with Adjustable Clip, Rubber Handlebar Grips.

Mudguards, Bluemel's 'No-weight' with front extension, fitted free from spindles.

Brakes, 'A' Quality Bowden Short-Lever Pull-up Front with Slotted Guides facilitating wheel removal. 'A' quality Bowden Rear Calliper, or Flat or Uprturned Handlebars with Roller Brakes.

Half Dress Cord if required.

Chater-Lea
Fittings only

Price £17 : 17 : 0

STRONGER, lighter and neater than the old loop-frame design, with perfect steering and specially low brackets. You may have every confidence in traffic, while on the open road speed and ease are yours at will. Compact and rigid, accurate and well-finished, this machine must compel your close consideration.

For additional equipment consult the F. H. Grubb Accessory List

Cross-Frame Tandem



SPECIFICATION

Frame, size to order, with or without Grubb Quick Release.
Wheels, 26" x 1 $\frac{3}{8}$ ", Narrow-Section, Black or Plated Steels, Tandem Spokes.

Tyres, Constrictor Ivorycord, Dunlop, Palmer Roadster, or John Bull T.P.R.

Pedals, B.S.A. or Chater-Lea, Rat-trap or Rubber.

Chains, Coventry Elite.

Saddles, Brooks B18 or B18 Champion.

H'bars, to order, both in Adjustable Clip, Rubber H'grips.

Chater-Lea Fittings **£18 : 5 : 0**

Dresscord, $\frac{1}{4}$ only necessary.

Brakes, 'A' Quality Bowden Rear & Rod-operating Front with Slotted Guides facilitating wheel removal.

Flat or upright Hd'l'bars with roller lever brakes can be fitted to this model.

Mudguards, Bluemel's 'No weight' with Ft. Extension.

Pump, Tool-bag and Tools.

Finish, Coslettised, and Enamelled Black or in wide range of colours. Plated Crown & tips of Ft. Forks if desired.

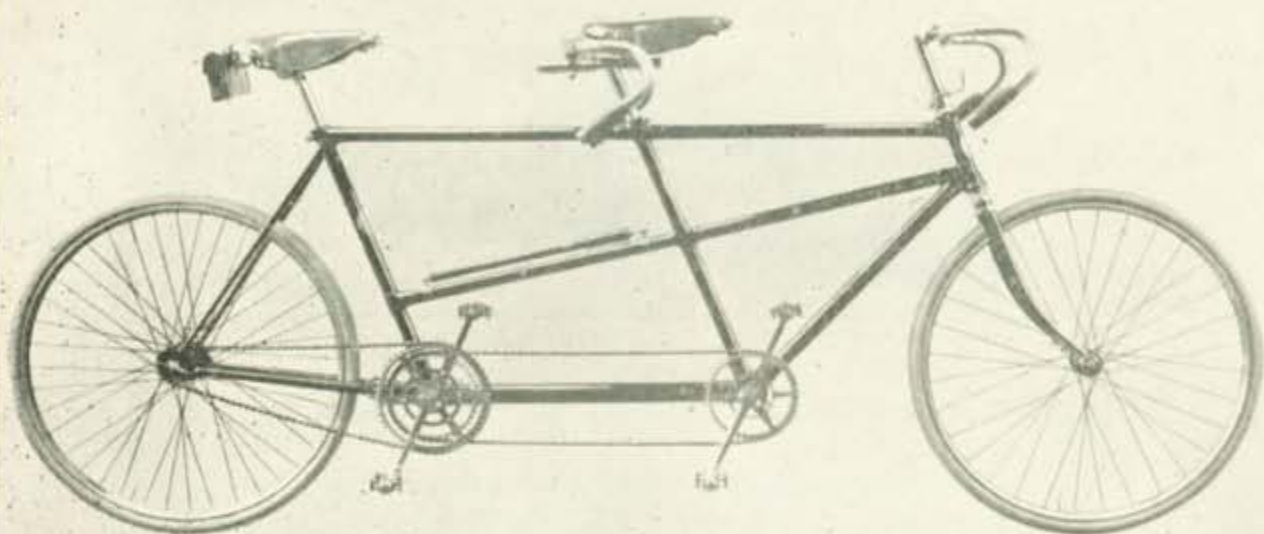
Brampton Fittings **£16 : 5 : 0**

Brampton Model Fitted with Mansfield Saddles & Brampton Pedals.
All Black Finish **10/-** extra.

THIS Model is suitable for tall and heavy riders, and we have many machines on the road bearing riders with a combined weight of 24 stone and over. It is naturally very rigid and is therefore fast on hills. Its steering is well balanced and the machine is extremely comfortable. A mount that will never let you down.

For additional equipment consult the F. H. Grubb Accessory List

Race Tandem



SPECIFICATION

Frame, size to order, with or without Grubb Quick Release

Wheels, 26" x 1 $\frac{1}{4}$ " or 1 $\frac{3}{8}$ " Narrow-Section, Black or Plated Steels, Tandem Spokes.

Tyres, Constrictor Ivorycord, Dunlop, Palmer Roadster or John Bull T.P.R.

Pedals, B.S.A. or Chater-Lea.
Chains, Coventry Elite.

Saddles, Brooks, B17 or B18
Champion.

Handlebars, to order, both with Adjustable Clip, Rubber Handgrips.

Chater-Lea Fittings **£15 : 15 : 0**

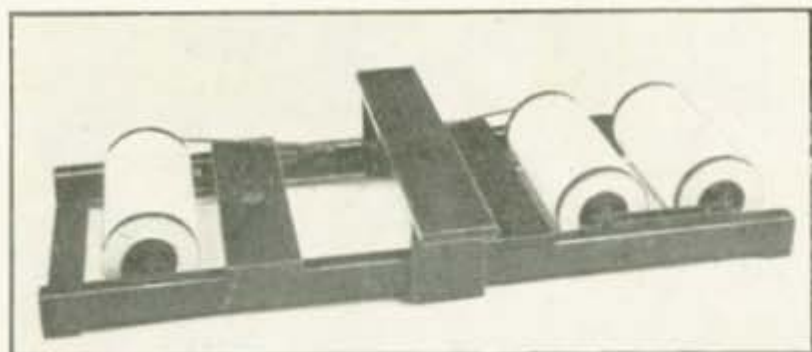
Brampton Fittings **£13 : 15 : 0**

Brampton Model fitted with Mansfield Saddles & Brampton Race Pedals.

BUILT for the men to whom every ounce of energy is precious. Praised and ridden by experts, champions and record-breakers in every corner of Great Britain. The Brampton Model was introduced early last season at a price which caused quite a mild sensation among our many friends familiar with Grubb craftsmanship and finish. Still further reduced owing to continued increasing output, this model forms the finest value-for-money proposition available to-day. Compare the specification!

For additional equipment consult the F. H. Grubb Accessory List

New Home Trainer



ONE of our Latest improvements which has proved a great success. Orders are being executed in strict rotation and letters of appreciation follow delivery. The man who trains on a "Grubb" Home Trainer is assured of increased speed next season. It is a definite step towards success, and there's a whole lot of healthy exercise to be got from this machine.

To try one is to buy one, and you can have a demonstration at Brixton or Twickenham at any time during business hours. Let 'a spin a day' be your slogan.

Sent anywhere in Great
Britain for

£4 : 15 : 0

CARRIAGE PAID

*Write for a copy of New
Illustrated Folder*

DEFERRED TERMS

(financed by my own Company):
£1 with order, balance in six
monthly payments of 13/6

(See inside back cover)



A REVOLUTION IN CYCLE LUBRICATION!

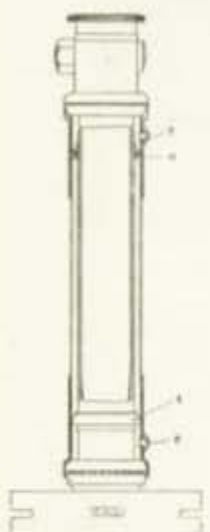
HOW TO DOUBLE THE LIFE OF YOUR CYCLE

The Grubb System of Grease-Gun Lubrication (Patent applied for)

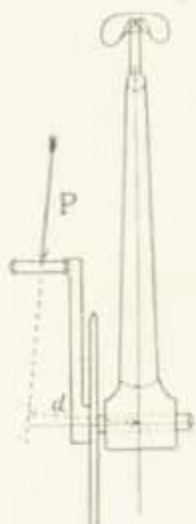
THE life of any bearing, whether it be plain metal, ball or roller, depends entirely upon adjustment, lubrication and cleanliness.

The enemy of the cycle is mud, for it runs down the frame tubes and cranks, gets into the bearings and soon plays havoc with the internals generally. You carry on racing or touring for months until, perhaps, it occurs to you to take the chain off and spin the cranks. Further inspection reveals broken balls, pits in the cups and cones and the necessity of replacements. Do not grumble at the makers—bearings are not designed to run in mud!

The Grubb System of Lubrication is quicker, cheaper and more dependable. It will save your bearings and retain easy running year in and year out. The illustrations show the method of lubricating head and bracket bearings.



Section of Head Bearings showing Grease-gun Lubrication.



Section of Bottom Bracket showing Grease-gun Lubrication.

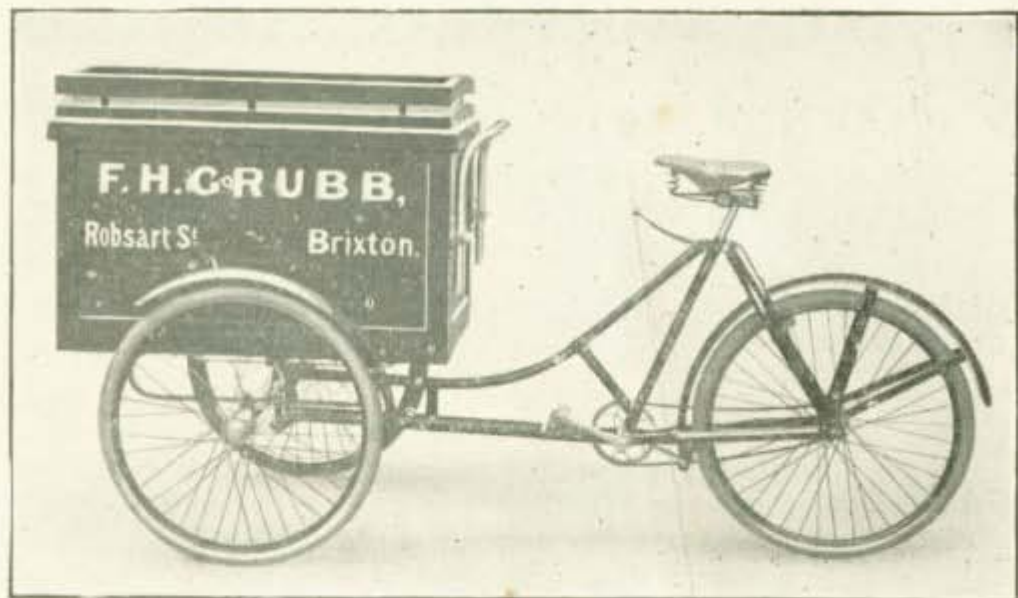
The pedals and hubs need no alteration except the addition of a special nipple for attaching the grease gun. Grease is pumped in under pressure and fills the whole of the ball-races with a special thin non-hardening grease. Rotation of the bearings forms a path for the balls, a bulwark of grease being thrown up preventing the ingress of dust, rain or mud.

A fresh injection of grease, will, because of the pressure behind the ball-races, throw out a ring of grease and eject any dirt which collects in the spindle and bracket-axle clearances.

This system means long life, obviates the periodical overhaul, retains the sweet running of a new machine, and is, above all, the easiest way of lubricating a bicycle.

NO OTHER SYSTEM CAN COMPARE WITH IT

Carrier Tricycle



SPECIFICATION

21" Frame built of large-section tubes of heavy gauge.
 Tyres, 26 x 1 $\frac{3}{4}$ Palmer or Dunlop Carrier (Sorbo or Cushion Tyres to order).

Back-peddalling Brake in rear wheel and Rear Rim Brake, as illustrated, or brakes on side wheels operated from handlebar.

Saddle, Dunlop Waterproof.
 Mudguards, well-fixed rear and side.

Prices on Request

BUILT for hard service. The exceptionally strong chassis of improved design is Coslettized before being enamelled, and will retain its smart appearance after years of hard work.

BOXES can be opened, hinged top lid, or fitted with end door. Can be made to suit special requirements.



OPEN BOX TYPE

Carrier Cycle



SPECIFICATION

21½" Frame.

26×1½" W.O. Dunlop Rims and
Dunlop or Palmer Carrier
Tyres.

Cranks, 7"

Gear, 52 or to order.

Wide Steel Guards, well
fixed.

Brakes, Brazed-on Lugs on
Handlebar of special strength
for Carrier work.

Saddle, Dunlop Waterproof.

Flat Basket and name plate included.

Price £8 : 15 : 0

Writing on name plate extra.

BUILT very low, giving greater safety on slippery tram lines. Sturdy and made for hard service and continual use under all conditions.

Any model may be bought on Hire-Purchase Terms

ALL MODELS CARRIAGE FREE

For additional equipment consult the F. H. Grubb Accessory List



F. H. GRUBB, M.J.I.E.

A World-famous cyclist and record breaker. Holder of the Brighton-and-back record for fourteen years, past holder of competition record for twelve hours on the road, out-and-home 100 miles record, etc. etc. Three times road champion of Ireland and winner of many classic British races and time trials.

Personal Supervision

*As understood by
F. H. GRUBB, M.J.I.E.*

FOR a full working day, F. H. Grubb is in the works superintending every department of construction. No detail is allowed to pass unchecked. Every operation, from cutting the tubes to affixing the transfer, is carried out on the premises, under his direct personal supervision.

Few men are better qualified to build bicycles than F. H. Grubb. His many years experience as a famous racing man and record breaker, and also as a qualified engineer, place him in a unique position to advise and execute.

Mr. Grubb may always be consulted by appointment and you will be

assured of a ready and sympathetic interest. Correct position combined with a suitable mount is the entire secret of successful cycling. Why not write or call and let Mr. Grubb help you to secure both?

SELLING MEANS SERVICE to F. H. GRUBB

If you buy a bicycle, or even the smallest of accessories, we want you to feel that we have a personal interest in your order. Increased trade has been built upon the genuine service and honest value for money extended to all customers.

When we can state quite honestly that more than 75% of our trade is owing entirely to personal recommendation you will realise that these are no idle words.



PRIDE OF OWNERSHIP

This transfer, appearing on the head and seat tubes of every Grubb Bicycle and Tandem, is held as the hall mark of excellence by every one who knows the difference between a real good bicycle and an indifferent one. Every Grubb rider is proud of it and prouder still of the machine that bears it. If you are thinking of getting a 'Grubb'

ask the man who rides one

'F. H. G.' has a personal interest in your instructions

The F. H. Grubb Guarantee

I Guarantee that

..... No.....
is built in my own works, and I hereby warrant, subject to the conditions mentioned below, that all precautions which are usual and reasonable have been taken by me to secure excellence of materials and workmanship.

Should any defect appear in the machine bearing the above number, within TWO YEARS from the date of purchase, which has not been caused by ordinary wear and tear, misuse, accident or neglect, I undertake to make good such defect free of charge.

But I cannot accept any responsibility for any consequential damage or expense, and the goods concerned are accepted by the purchaser on this understanding.

Any defective part must be sent to me carriage paid with a detailed complaint giving full particulars of the machine number and date of purchase as shown. Failing compliance with these conditions no claim will be entertained by me, and any goods sent will remain here at owner's risk.

THIS GUARANTEE DOES NOT APPLY where the above machine has been let out on hire, sold to a second party, or where alterations or repairs have been made by other firms.

Tyres, other than racing tyres, are guaranteed by their respective makers to whom all complaints should be made, stating my name and date of purchase, with full particulars of complaint.

Saddles, adjustable handlebar stems, handlebar bends, speed gears, rims and specialities of other manufacture are not covered by this Guarantee.

I reserve the right to alter from time to time any detail that I may consider to be an improvement on my Cycles and Tandems.

Robsart Street,

Brixton, S. W. 9.....192 (Signed).....

TERMS AND CONDITIONS

Our terms are **£2** deposit with Cycle Orders; **£3** deposit on Tandem Orders, and **£1** deposit on Frame Orders, instalments being due each month and payable to our address above. Interest on the balance is charged at the rate of 10% for 12 monthly payments, and a rebate of half this interest will be given if the transaction is completed by six monthly payments, the first instalment being due one month after receipt of machine.

If the Hirer makes a default in any Monthly payments for more than 20 days, the Company may, at their option, retake possession of the machine without notice and without prejudice to their right to sue for all instalments due but unpaid.

Until the whole of the purchase money is paid the goods shall remain the property of the said **Grubb Finance Company Limited, Gould Road, Twickenham.**

Home Trainers **£1** deposit, balance in six monthly payments of **13s. 6d.**

A USEFUL GEAR TABLE

Number of Teeth on Chainwheel	No. of Teeth on Hub Cog	Diameter of Wheel		
		26in.	27in.	28in.
42	13	84.0	87.4	90.5
	14	78.0	81.0	84.0
	15	72.8	75.7	78.4
	16	68.2	70.8	73.5
	17	64.3	66.7	69.2
	18	60.6	63.0	65.3
	19	57.5	59.6	60.9
	20	54.6	56.7	58.8
44	13	88.0	91.3	94.8
	14	81.7	84.8	88.0
	15	76.2	78.5	82.1
	16	71.5	74.2	77.0
	17	67.2	69.8	72.4
	18	63.5	66.0	68.4
	19	60.2	62.5	64.8
	20	57.2	59.4	61.6
46	13	92.0	95.5	99.0
	14	85.4	88.7	92.0
	15	79.7	82.1	85.8
	16	74.7	77.6	80.5
	17	70.3	73.0	75.7
	18	66.4	69.0	71.5
	19	63.0	65.4	67.8
	20	59.8	62.0	64.4
48	13	96.0	99.7	103.4
	14	89.1	92.5	96.0
	15	83.2	86.4	89.6
	16	78.0	81.0	84.0
	17	73.4	76.2	79.0
	18	69.3	72.0	74.6
	19	65.7	68.2	70.7
	20	62.4	64.8	67.2
52	13	104.0	108.0	112.0
	14	96.5	100.2	104.0
	15	90.1	93.6	97.0
	16	84.5	87.7	91.0
	17	78.5	82.3	85.6
	18	75.1	78.0	80.8
	19	71.2	74.0	76.6
	20	67.6	70.2	72.8