

## Small Advertisements

(See also page 276)

### HOW TO BE TALLER

TALL, GRACEFUL. She or he gets attention, respect, and admiration. You can be 2, 3, or more inches taller. Surprise your friends. Send only 1½d. stamp. M. M. Edison, 51, Church Street, South Shore, Blackpool.

### CONJURERS

and all interested in magic, must write for our catalogue of **REAL TRICKS.** Stamp for List. **MAGICAL MART,** 17, Alston Buildings, Spiceal St., Birmingham.

FREE IN 7 DAYS OF

## BLUSHING

You can be a Success in Business and Social Life.

You must have Self-Confidence, Nerve "Control," and never be at a loss for words; never "tongue-tied" or embarrassed. The **Healthy-Nerve Strong** are the Winners in the Battle of Life. **Nerve Weakness, Blushing, Self-Consciousness, Fear, Shyness** have kept many a good man and woman "down and out." If you are a victim of any form of **nerve or heart trouble, YOUR DAY** has arrived to get **FREE** of your handicap. You can be **cured permanently** in 7 days without harmful drugs or auto-suggestion drill. No nonsense. Immediate permanent benefit. **Gain Nerve Power, Self-Confidence and Personality** that will make others admire and respect you. Write at once for free particulars. Will be sent free privately, if you mention "Meccano Mag."—Address: **Mr. O. E. DEAN, 12, All Saints' Road, St. Annes-on-Sea.**

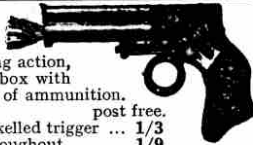
### AUTOMATIC PEA PISTOL

Loads 15 shots, repeating action, nicely finished, each in box with instructions and supply of ammunition.

- |  |            |
|--|------------|
| No.                                      | post free. |
| 1 Black model with nickelled trigger ... | 1/3        |
| 2 Brightly nickelled throughout ...      | 1/9        |
| 3 25-shot heavy black model ...          | 2/6        |

Foreign and Colonial postage 9d. extra.

**J. Bishop & Co., 12, Argyll Pl., Regent St., London, W.1.**



## Boys Love Conjuring

Card Tricks, 6d. each, six for 2/9, twelve 5/-, all different; Chinese Linking Rings, 1/6; Magic Ball Box, 1/-, 2/- and 2/6; Fortune Telling Cards, 1/2; Box of Coin Tricks, 5/-; Magnetized Penny, 8d.; Wonderful Wizards Pack, 3/-; Cigarette Vanishers, 1/3; Book "Second Sight," 7d. Full instructions with all tricks. Catalogues 2d.—**Midland Magic Co., 43, Stanley Road, Earlsdon, Coventry.**

## CYCLE DYNAMOS

Make the "Dixie" Cycle Lighting Dynamo from our full set of armature windings, plans and instructions, 2/6 post free. You need no lathe or castings to make this wonderful dynamo, and the results are guaranteed. Decco, Engineers, 6, Loampit Vale, Lewisham, S.E.

I CURED MYSELF AFTER 20 YEARS.

## STAMMERING

After Stammering terribly for 20 years and trying 'teachers,' schools, and advertised methods without relief, I at last discovered the real cure for Stuttering and Stammering (which is very simple), and cured myself. Now no stranger could tell that I had ever been a stammerer. YOU (or your child) can be quickly cured in the same way. Thorough and permanent cure. Guaranteed or no charge. Full particulars will be sent free privately if you mention "Meccano Magazine."—**Mr. FRANK A. HUGHES, 7, Southampton Row, London, W.C.1.**



### MAKE GRAMOS.

Our 32 page Catalogue tells you for 2d. how to do it and what accessories to choose. **Motors** in 25 sizes, from 10/- Tone-arms, 4/6; **Speakers**, 2/6; **Headphones**, 10/6 pair; **Cabinets** from 9/-; **Gramophones** from 30/-, Carr. paid. **The Regent Fittings Co., D.78 120, Old St., London, E.C.1.**

Established 20 years. Telephone: Clerkenwell 2923.

## BOYS!

The long evenings will soon be here again and you will want to do more experiments with Wireless.

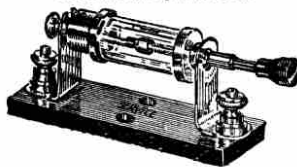
If you want good results buy all your parts from

**THE H.S. RADIO CO.,**  
36, Willes Road, LEAMINGTON.  
Money refunded on any article if unsatisfactory

## Use a SERVICE Detector

and get the maximum amount of satisfaction.

Crystal replaced in a few seconds,  
**NO SOLDER BEING REQUIRED.**  
Not affected by vibration.



Patented Micrometer Adjustment

(Prov. Pat. No. 15224/24).

Glass enclosed and dustproof. Spring for holding crystal in place. Highly polished nickel-plated or gold lacquered finish. Undoubtedly finest value obtainable.

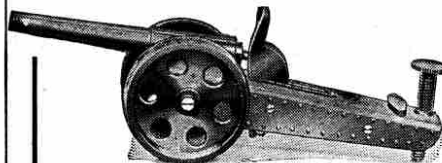
Obtainable at all Wireless Stores.

Price 2/6. For Panel Mounting 2/-.

**SERVICE RADIO CO. LTD.,**  
67, Church Street, Stoke Newington,  
LONDON, N.16.

## It Bangs! Flashes! and Shoots!

No Caps, Powder, or Special Ammunition  
Practise and Beat Father with this beautifully finished Cannon, built with Bronze, Steel and Brass



SOME HOWITZER! A BRITISH TOY!!

4/9 post free.

Money returned if you do not approve.

**HANWELL'S TOYS,**  
38, Alexandra Road,  
NORTHAMPTON.

How Wireless Valves are Made—(Cont. from page 257)

It is very necessary that a perfectly air-tight joint should be made, and the greatest care must also be taken to ensure that no stress is set up in the glass during the operation. So beautifully does the machine do its work, however, that notwithstanding these severe calls upon it, there are very few faulty stems to be rejected at the final inspection.

(To be continued)

Control Numbers—(cont. from page 263)

the year of issue. Thus, instead of having the control letter "C" (which was the one then in use), the figure "4" was added to indicate the year 1904, and the control thus became "C4." This was followed by "D4," "D5," and so on, the letter continuing to indicate the batch or order letter. Two controls with the same letter (as "D4" and "D5") mean that the "D" order was not completed in 1904 and that the remainder was printed in 1905, and so on.

Details of Controls

The numbering was re-commenced at "A" when the new printers took over in 1911, and again in the same year when the first Georgian stamps appeared. At the same time the system of control numbers was extended to all values up to one shilling, instead of being confined to the ½d. and 1d. values as previously.

During the present reign the stamp printing has been shared by the Board of Inland Revenue at Somerset House and



Fig. 3

by two firms, Messrs. Harrison & Sons and Messrs. Waterlow & Sons. The stamps printed at Somerset House have control numbers in thin type and have a full-stop between the letter and number (Fig. 1). The Harrison stamps have thick letters and figures 5 mm. high (Fig. 2), while the Waterlow stamps have letters and figures 3 mm. high (Fig. 3).

Advanced collectors include all these controls in their collections, often with three stamps attached to each control (as in Fig. 2). The stamp above the control itself is the essential stamp, of course, that on the left serving to show the position of the control on the bottom row, since it allows the corner margin to be retained. The stamp on the right is retained in order to make the whole more evenly balanced. This is the most expensive way of collecting controls—for it means that three stamps have to be paid for every time a new control is issued, which is about once a fortnight.

Some collectors collect controls without the stamp on the right, and some with only the one stamp above the control itself. Although this saves initial outlay the collection is by no means so valuable.

A Meccano Boy at Wembley—

(Continued from page 253)

get cool, for after standing near the bread and biscuit-making exhibits for so long I felt very hot. Then I passed on to where beautiful fabrics were shown in all manner of delicate shades. Here I thought how my mother and sister would revel in this part of the Exhibition, but I have no use for these things! So I passed on to the British Dye section, with dozens of delicately-tinted materials, all dyed with British dyes. Glass cases and bottles displayed hundreds of beautiful shades of dyes, and I could not help wondering why people imagine they must send abroad for really satisfactory dyes.

(To be continued)

**Readers' Sales and Wants**

If you have anything to sell or wish to buy anything, take advantage of the service offered by a small advertisement in these columns. (Advertisements of Meccano goods cannot be inserted).  
The rates are one penny per word, with a minimum of 1/- (cash with order).  
Your advertisement must be received before the 10th of the month for insertion in the following month's issue.

Two-valve Wireless Set, 50/-. Marconi royalty extra, range 400 miles.—Phillips, 64, Ewart Street, Brighton.

N.D.C. Breech-loading Gun, elevating crank and side screw wheel. Realistic shells. Price 5/-, post paid.—Hall, Inverlune, Lancaster.

Thornton Pickard 1/4-Plate Folding Camera, variable shutter, slide, dark room lamp, 30/-.—Elliott, 69, Station Street, Mansfield Woodhouse, Notts.

One Fairy Cycle for Sale. Almost new. £2 10s.—Thomas, Cedars, Dawlish, Devon.

Wanted to get in touch with people interested in the import of Maltese Lace and Cloth.—Box No. 101, Meccano Magazine, Liverpool.

For Sale. 85 "Model Engineers," 1920 to 1922.—16, Llanarth Square, Pontymisterer, Mon.

Little Nipper Camera. New, five plates, three plate-holders, 5/-.—Box 98, Meccano Magazine.

Fretwork Designs (Hobbies) for sale, 3d. each. State wants.—Boney, Boscawen, Cornwall.

Youth's New De-Luxe B.S.A. 3-speed Cycle. Purchased July, ridden once, £5/10/-, cost 10 guineas. Dr. James, 74a, Lansdowne Road, Holland Park, London, W.11.

Model Railway, 25/- or offers. Cost 60/-.—Box 103, Meccano Magazine.

No. 2 Brownie Film Developing Tank and instructions, nearly new, 12/6 or nearest.—Stevens, High Street, Oakham, Rutland.

Two L.N.W.R. brake third class, One L.N.W.R. first class corridor coaches (Bassett-Lowke), 1 1/2" gauge, 13" long, new condition, 29/- the three. Cost 45/-.—Tuller, Wandsworth Road Station Cottage, London.

**Small Advertisements**

(See also page 275)

**CATAPULTS.**—Powerful, accurate, and reliable weapon, complete with 50 rounds ammunition, 1s. 9d., posted; silent Walking Stick Catapults, Air Guns, elastic, etc.—Young's, M., Net Makers, Misterton, Som.

**WIRELESS.**—Send P.C. ask our price for any article in wireless.—Heron Bros., 6, Muirpark Street, Partick, Glasgow.

**ADVICE, HANDBOOK & CONSULTATION FREE.** King, Registered Patent Agent, 146a, Queen Victoria Street, London, E.C.4. 37 years' references.

**CINEMA FILMS.**

**SALE—HIRE—EXCHANGE,** also Machines, Re-winders and Accessories. Good Sample Film, 1/- Post Paid. **LISTS FREE.**

Filmeries, 57, Lancaster Rd., Leytonstone, LONDON, E.11

**FILMS CHEAP.** Cinemas from 6/-. Free List.—Pictureland, (M) 208a, Abbey House, Victoria Street, London.

**CINEMA FILMS**—100 ft., 1/-; 1000 ft., 6/- delivered. Pictures for Slides—200, 9d.; 400, 1/-.—Wireless Sets, all types, cheap. Repairs. Advice for stamp.—Phillips, 64, Ewart Street, Brighton.

**OLD ENGLISH AND ROMAN COINS,** Silver and Bronze; English Copper Tokens; S. African Medals; cheap lists.—Appleton, 53, Albany Road, Coventry.

**ANYTHING TO SELL?**

**This Space** is set to 1/4 inch s.c. and costs 5/- per month. This sum is the 64th of £16, the price of a whole page advertisement. 55,000 copies of the Dec. number were issued and distributed all over the world. You therefore reach this exclusive public at the rate of one penny a thousand.

**CUT THIS OUT.**

"Meccano" Pen Coupon. Value 3d. Send 5 of these coupons with only 2/9 direct to the Fleet Pen Co., Fleet Street, E.C.4.

You will receive by return a splendid British 14-ct. Gold Nibbed Fleet Fountain Pen value 10/6 (Fine, Medium, or Broad Nib). If only 1 coupon is sent the price is 3/9. 3d. less for each extra coupon up to 4 (Pocket Clip 4d.). Satisfaction guaranteed. Your own name gilt letters, either pen 1/- extra.

Lever Self-Filling Model with Safety Cap, 2/- extra.

**23 PRIZES!**

for a few words on a postcard. Every boy or girl has an equal chance. A few minutes' thought, or a report on something that has come under your personal observation, and you may win the first prize. We want you to tell us of:

**A new use for Plasticine**

or

**How Plasticine helped me out of a difficulty**

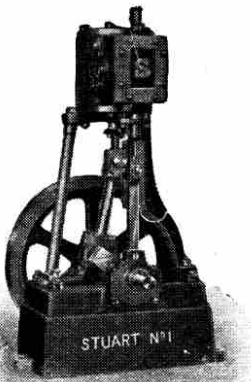
or

**When I found Plasticine most useful**

Confine your answer to about 50 words on a postcard. One use or idea only on each card. You may send as many as you like. First prize 10/-, two of 5/- each, and 20 of 2/6 each.

Get a packet of Plasticine right away and just think things out. We know of hundreds of uses for Plasticine, and there must be as many more that you know of but we don't. But we want to know and offer you cash for them. If you cannot get Plasticine from any shop in your town send for one of our Rainbow Boxes of 6 colours, post free 1/-, and get busy. Closing date 30th September.

**HARBUTT'S PLASTICINE LTD.**  
99, Bathampton, BATH



**A Wonderful Show of Working Models that you can build yourself. From 5/- upwards.**

At **WEMBLEY, Palace of Engineering, Ave. 1. Bay 26.**

If you cannot possibly come, send a stamp for our List No. 12M.

**Stuart Turner Ltd.**  
**HENLEY-ON-THAMES**

**STAMMERING**

Genuine Thorough Cure in 40 Days. Guaranteed. Write for full particulars FREE. M. M. Burton, 5, Rossendale Road, St. Annes-on-Sea.

**MAKE YOUR OWN METAL TOYS**

Our Casting Moulds produce thousands of quick-selling toys such as Lead Soldiers, Cowboys, Indians, Trees, Animals, Birds, Ships, Sailors, Railway Station Staff, etc., without previous experience. Complete Mould 2/6. Illustrated Catalogue, stamp.

**A. RODWANS, 102, Long Street, BIRMINGHAM.**

Mention "Meccano Magazine."



Registered at G.P.O., London, for transmission by Canadian Magazine Post.

**EDITORIAL AND ADVERTISING OFFICES:—**

**BINNS ROAD, LIVERPOOL.**

Telegrams: "Meccano, Liverpool."

**Publication Date.** The "M.M." is published on the 1st of each month and may be ordered from any Meccano dealer, or from any bookstall or newsagent, price 2d. per copy. It will be mailed direct from this office, 1/6 for six issues and 3/- for twelve issues (post free).

**Advertisements**

**Readers' Sales and Wants.** Private advertisements (i.e., not trade) are charged 1d. per word, minimum 1/-. Cash with order. Editorial and Advertising matters should not be dealt with in the same letter.

**Small Advertisements.** 1/- per line (average seven words to the line), or 10/- per inch (average 12 lines to the inch). Cash with order.

**Display.** Quotations for space bookings, and latest circulation figures, will be sent on request.

**Press Day, etc.** Copy must be received not later than 10th of each month for publication in following issue. Half-tone blocks up to 100 screen.

**Remittances.** Postal Orders and Cheques must be made payable to Meccano Ltd.

**Obtaining the "M.M." Overseas**

Readers Overseas and in foreign countries may order the Meccano Magazine from regular Meccano dealers, or direct from this office. The "M.M." is sold Overseas at 2d. per copy, or mailed (post free) direct from Liverpool, 1/6 for six issues, or 3/- for twelve issues.

**IMPORTANT.**

Overseas readers are reminded that the prices shown throughout the "M.M." are those relating to the home market. Current Overseas Price Lists of Meccano Products will be mailed free on request to any of the undermentioned agencies. Prices of other goods advertised may be obtained direct from the firms concerned.

- CANADA: Meccano Ltd., 45, Colborne Street, Toronto.
- AUSTRALIA: Messrs. E. G. Page & Co., 379, Kent Street, Sydney.
- NEW ZEALAND: Messrs. Browning Ifwersen Ltd., P.O. Box 129, Auckland.
- SOUTH AFRICA: Mr. A. E. Harris, P.O. Box 1199, Johannesburg.

**STEEL SCREWS**



**FOR MODEL MAKING.**

Perfectly Accurate-fitting Threads.

**NUTS and HEXAGON-HEAD BOLTS of Correct Model Engineer Standard:**

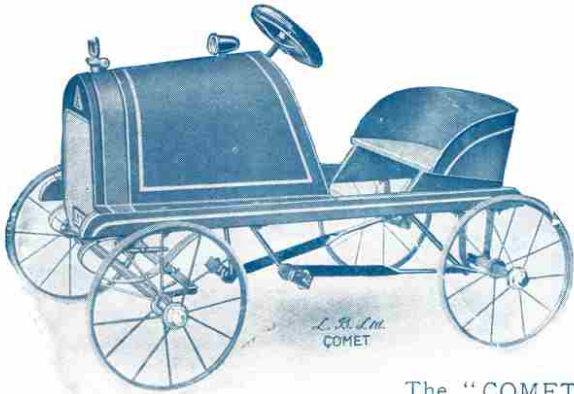
	Per Doz.						
	1/16"	3/32"	1/4"	5/32"	3/16"	7/32"	1/2"
Cheesehead Screws	3d.	4d.	5d.	...	...	...	...
× 1/4" long	4d.	5d.	6d.	7d.	7d.	8d.	...
× 1/2" long	...	...	...	...	...	...	10d.
Countersunk Head	4d.	5d.	...	7d.	7d.	8d.	...
× 1" long	...	...	...	...	...	...	10d.
Hexagon Head	5d.	7d.	9d.	1/-	1/2	1/4	1/4
× 1/2" long	...	...	...	...	...	...	...
× 1" long	4d.	5d.	6d.	6d.	9d.	11d.	1/-

Send 4d. for a Sample Screw and BOND'S ALL MODEL PRICE LIST.

Bond's o' Euston Road, Ltd., 254, Euston Rd., N.W.1

# RECORD BREAKING!

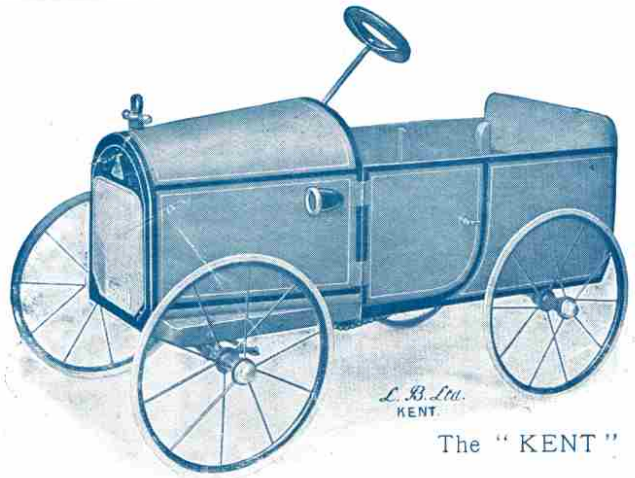
Photographs of some of our Record-breaking Low Price Models at the British Empire Exhibition



The "COMET"

A very natty Auto for the speed merchant. It has a double crank movement, 10" wired-on tyred wheels, lamp, etc. For ages 2-7

**27/-**

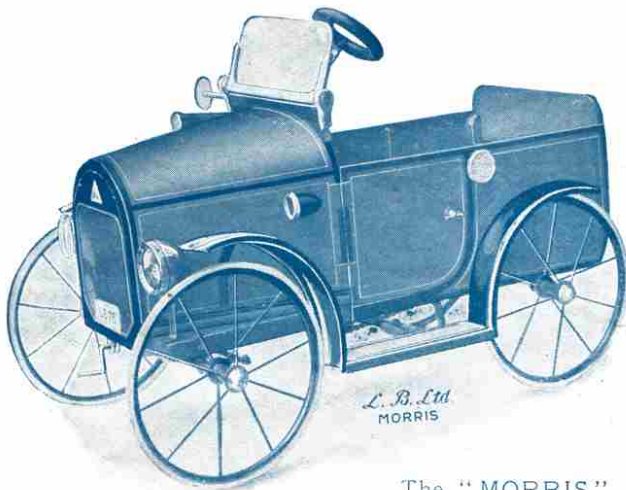


The "KENT"

This smart little Runabout is fitted with a door, 2 side lamps, 12" wired-on tyred wheels.

**49/6**

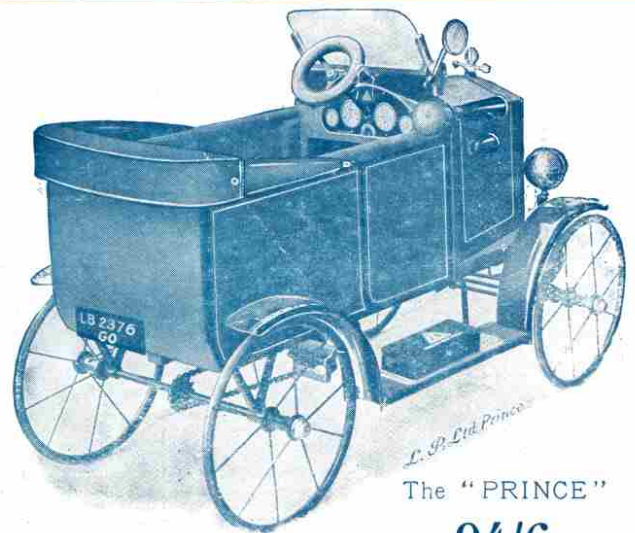
**ASK DADDY TO LET YOU HAVE A CAR OF YOUR OWN**  
OBTAINABLE AT ALL GOOD TOY SHOPS



The "MORRIS"

**78/9**

The "MORRIS" is fully equipped with mudguards and adjustable windscreen, 2 head and 2 side lamps, bulb horn and driving mirror, licence plate, etc., 12" wired-on tyred wheels. Children up to 8 years.



The "PRINCE"

**94/6**

This luxurious model with the Rolls-Royce type radiator has everything the heart can desire, including instrument board with clock, speedometer, oil indicator, voltmeter and switch, dummy hood and tool box, etc., 12" wired-on tyred wheels. Children up to 10 years.



Always insist on seeing the celebrated Red and Black Triangle Trade Mark on all Toys. It is a guarantee of Quality and Value and of British Manufacture.

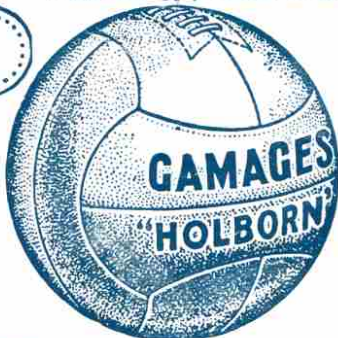
Wholesale only from

**LINES BROS. LTD., 9, Fore St., London, E.C.**

# Footballers! Get your Kit at GAMAGES



**IF YOU WANT TO WIN**  
Wear a pair of Gamages Football Boots—the finest ever produced.  
**THE UNIVERSAL FOOTBALL BOOTS**  
(As illustrated.) Uppers of fine quality Brown Russet Leather and toes of Solid Blocked Butt Leather. A Boot with a MOVE in it—very comfortable and hard-wearing. Prices per pair.  
Men's Sizes, **10/9** Sizes **9/9** Boys' Sizes, **9/3**  
6-11 2-5 11-1



## The 'HOLBORN' FOOTBALL

Here is one of Gamages most popular makes—made in Rugby or Association shape. Stout cowhide 12-panel cases. A strong serviceable ball complete with red rubber bladder.  
No. G. 39/6, No. G. 49/11, No. G. 5, Post 6d.  
Match size. ... **11/6**  
This year we are offering our famous match-size School Ball at 8/11.

## THE BEST BALL FOR RUGBY

is Gamages "Defiance"—a good hardwearing Ball that will withstand the roughest use whilst keeping its shape. Fitted with best red rubber bladder. Full Match Size.  
**13/6**  
Price ... Post 6d.  
Rugby Match Ball, **10/6**  
Gamages have everything for the "Rugger" enthusiast—Jerseys, Shorts, Stockings, Boots, Scrum Caps—everything. They're all in our Sports Catalogue. Write for your copy NOW.



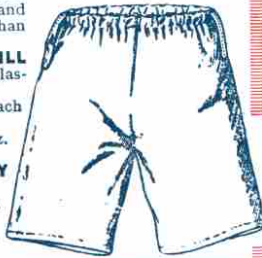
## YOUR CLUB JERSEY!

From their huge and varied stock of Football Jerseys and Shirts, Gamages can supply nearly every Club Colour. A list of Prices is given, and any Special Colours can be made to order in three to five weeks.  
Vertical Striped Jerseys from 3/—, Halves from 3/3, Aston Villa 3/—, Manchester United from 3/3.



## FOOTBALL SHORTS

Get a pair—more comfortable and better looking than others.  
**WHITE TWILL SHORTS** with Elastic Waist.  
Boys' Sizes, each **2/3 to 3/6**  
Boys' Sizes, doz. **25/— to 40/—**  
**DITTO IN NAVY TWILL**  
Boys' Sizes, each **2/3 to 3/—**  
Boys' Sizes, doz. **25/8 to 33/—**

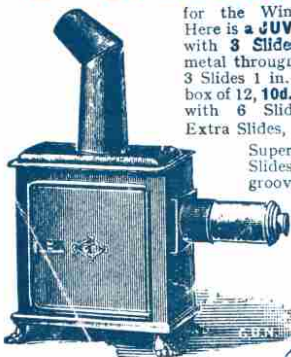


## FOOTBALL STOCKINGS

Always a large selection of Football Hose!  
Stockings for Footer with ribbed legs and various coloured stripe tops.  
Price per pair ... **1/9**  
Post 4d.  
Per doz. pairs, **18/6**  
Post free  
Superior Qualities, per pair, **2/9, 3/6, 3/9** and **4/9**.  
**RUGBY HOSE** with 2" equal hoop stripes. Green and White, Black and Red, Black and Amber. **5/6**  
Per pair ...  
Per doz. pairs, **63/—**



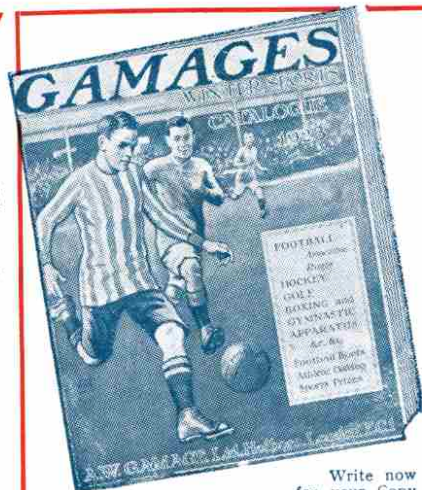
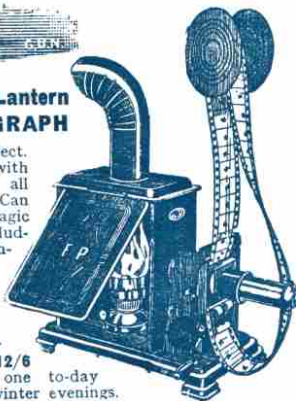
## A SPLENDID HOBBY



for the Winter is "Home Movies." Here is a **JUVENILE MAGIC LANTERN** with 3 Slides, Oil Lamp and Glass, metal throughout, complete in box with 3 Slides 1 in. wide **2/11**. Extra Slides, box of 12, **10d**. Superior quality, with 6 Slides, 1 1/2 in. wide **5/9**. Extra Slides, per box of 12, **9d**.  
Superior quality, with 12 Glass Slides, 1 1/2 in. wide (in separate grooved box), complete in handsome box ... **8/6**  
Extra Slides, per box of 12, **1/—**  
Postage 6d.

## Combined Magic Lantern and CINEMATOGRAPH

Gives good optical effect. Reliable mechanism with fly wheel suitable for all standard size films. Can also be used as a Magic Lantern. Height including chimney, 7 ins. Complete with oil lamp, film and 3 slides. Price **5/6**  
Post 9d.  
Larger Sizes, Superior quality. Prices **7/6, 12/6** and **21/—**. Send for one to-day and shorten the dull winter evenings.



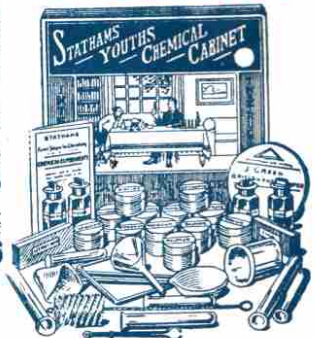
## FOOTBALL CATALOGUE

It is the Big Book of British Sport—a book that no boy should be without. And besides Football, there's Hockey, Boxing, Gymnastics—every Winter Sport played. We will send you a Copy  
**POST FREE ON REQUEST**

Write now for your Copy of Gamages New 1924-5 Fully Illustrated

## TAKE UP CHEMISTRY

You must have some hobbies for the wet evenings, so why not get a Chemistry Set at Gamages and start experimenting now?  
Prices from **3/3 to 99/6**. Neat Box of Chemicals with instructions, etc., complete for performing 50 experiments. **3/3**  
Post 6d. Price  
Price for performing a larger number of experiments, etc. **5/6**  
Post 6d. Price



## WIRELESS!

Another very good hobby for the Winter is Wireless. Here is your opportunity to buy a Wireless Set for **7/6**. You will never complain of the dull evenings with wireless installed in your house. Illustrated is the "Brownie" Crystal Set, with solid moulded ebonite cap and highest grade nickel fittings. Sold ready for use. British throughout, it will operate 4 pairs of phones. Price **7/6**  
'Phones and Aerial Outfit extra. Post 9d.

**A. W. GAMAGE LTD., HOLBORN, LONDON, E.C.1.**

Also at **BENEFINKS, CHEAPSIDE, LONDON, E.C.2.**