The MECCANO CHAMPIONSHIP COMPETITION

21 Cups & 460 Medals: total value £250

DURING the past two or three years our annual Model-building Contest has assumed such proportions and has attracted such world-wide interest that we are now able to run it in a form we have long had in mind, and which we think will be greatly appreciated by Meccano model-builders all over the world. For the purpose of this Competition we have divided the various countries into the following groups :—(1) Great Britain. (2) Australasia, South Africa, Canada, India, and all Countries within the British Empire. (3) *America. (4) *France, Belgium and Switzerland. (5) *Scandinavia and Holland. (6) *Italy. (7) *Spain and Portugal.

In each of these groups, three Championship Cups will be awarded for the best models submitted, and the winner of each Cup will hold the title of "Meccano Champion" for his particular group and section for twelve months from the date of the awards. The Cups, which have been specially designed for us, are of superb quality, very handsome in appearance, standing over 8-in. in height. Each Cup will be engraved with the name of the winner, and will form a valuable reminder of his prowess and skill. A suitable plinth will be provided with each Cup.

In addition to these special awards, there will be Silver and Bronze Medals in each section and Certificates of Merit to a limited number of other entrants. The total value of the prizes to be awarded will amount to £250.

Complete List of Awards

SECTION A.—For competitors under 10 years of age on 15th April next. Championship Cup and the title of Meccano Champion for his group and section for the year commencing 1st July next. 20 Silver Medals. 50 Bronze Medals.

SECTION B.—For competitors over 10 years of age and under 14 years of age on 15th April next. Championship Cup and the title of Meccano Champion for his group and section for the year commencing 1st July next. 30 solid Silver Medals. 100 Bronze Medals.

SECTION C.—For competitors over 14 years of age on 15th April next. Championship Cup and the title of Meccano Champion for his group and section for the year commencing 1st July next. 60 solid Silver Medals. 200 Bronze Medals.

In all there will be 110 Silver and 350 Bronze Medals awarded to the competitors in order of merit, and a number of special Certificates of Merit in each section.

(*Including Colonies).

In making the awards the judges will pay special attention to the following points :—

ORIGINALITY.—Special points will be given to those models showing initiative and originality and which are not simply variations of those illustrated in the Manual of Instructions.

CORRECT CONSTRUCTION.—Models which in their details are constructed on correct mechanical and engineering principles will receive higher marks than those which are built incorrectly or carelessly. No special knowledge is necessary to build models correctly other than that which may be easily acquired from the Meccano Book of Instructions.

GENERAL INTEREST.—Preference will be given to those models which are likely to prove most interesting to Meccano users throughout the world. We shall publish the best models in all civilized countries.

Meccano Gold Medallist

The competitor who, in the opinion of the Judges, submits the best model in the entire Competition, will be awarded a specially-designed solid Gold Medal, and will be the "Meccano Gold Medallist" for a year. His name and the year in which he gained the title will be engraved on the medal, which will remain his own property.

Send for your Entry Form to-day. Post Free from Meccano Ltd., Binns Road, Liverpool.

These Will Interest You

The Meccano Writing Pad is specially made for Meccano boys. It consists of fifty sheets of tinted bank paper, with cover and blotting. Each sheet bears a reproduction of the block shown on the cover. Price 1/- from any Meccano Dealer, or 1/3 direct from this office.

Bind your "*M.M.*"

This spring-back binder for *Meccano Magazines* has a strong stiff back, covered with imitation leather, tastefully tooled. It takes a large number of copies and keeps them neat and clean. In black, lettered gold. Price 3/- each (post free).

Meccano Ltd., Binns Road, Liverpool

BOYS! Get the most out of life—buy an AUTO-SCOOTER

THE popularity of the AUTO-SCOOTER amongst boys and girls is becoming greater than ever. Think of the exhilarating joy of gliding along on a fine spring day with the wind cutting your face and your whole being thrilling with keen excitement! Isn't it a happy thought? Our AUTO-SCOOTERS are built on scientific lines and will give long and excellent service, even with the roughest handling.

Be sure you ask for an AUTO-SCOOTER for your next present!

THE AUTO-SCOOTER IS THE SPORTY TOY FOR THE SPORTY BOY.

Prices to suit all pockets. Send for list of 6 different models.

This is the FIRST PRIZE in our SPLENDID ESSAY COMPETITION

Model-de-Luxe Scooter

Splendid Essay Competition

for boys under 14

WHAT YOU HAVE TO DO.

Write an Essay of not more than 500 words on "Why I should like an AUTO-SCOOTER for my next present." Then send it to the Editor of the *"Meccano Magazine."* Closing date for entries from the United Kingdom 31st March, Overseas 30th April next. The Editor of the *"M.M."* has kindly consented to act as judge, and for the two best essays we will give the following—

First Prize: Our Model-de-Luxe Scooter, as illustrated.
Second Prize: Our Popular Model with Solid Tyres.

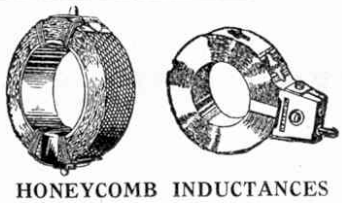
The New Auto-Scooter Company,

CHESTERGATE, STOCKPORT.

STOCKED BY ALL LEADING TOYSHOPS.

FOR DEPENDABILITY OF OPERATION USE

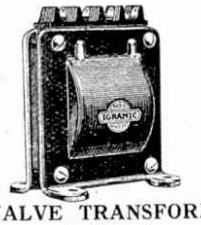
"IGRANIC" RADIO DEVICES



HONEYCOMB INDUCTANCES

(De Forest Patent No. 141344).

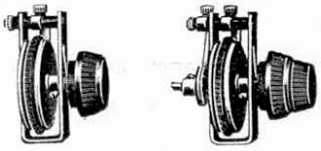
These world-famous coils are renowned for their high efficiency, low self-capacity, small absorption factor and minimum high frequency resistance. No dead-end losses. Each turn surrounded by air pocket. Made in two types, gimbal and plug mounted. Wave lengths approximately 100 to 25,000 metres. The only coils that uphold their claim for negligible losses. Prices vary with sizes.



INTERVALVE TRANSFORMERS

(Patent No. 205013).

Designed for the distortionless reproduction of speech and music. The steel shroud effectively shields from external interference. Recent improvements in design render it the finest amplifying transformer obtainable. Prices: Shrouded, 21/-. Open, 20/-.

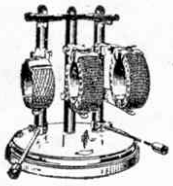


FILAMENT RHEOSTATS

(Patent No. 195903).

A splendid instrument for filament control under all conditions. Novel method of construction ensures smooth and silent operation. Designed for individual valve control. Adjustable contact finger permits of resistance values from zero to four ohms by fine variation. Supplied in two types, plain and vernier. Prices: Plain, 4/6. Vernier, 7/-.

GIMBOLDER TUNING STAND (Patent Applied for)



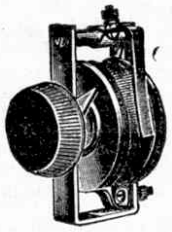
This coil holder has been designed and produced for accommodating gimbal mounted honeycomb coils, which enables extremely fine settings to be obtained. In addition to the angular relation of these coils being varied, they can also be rotated about their own axis, thus giving extremely fine and critical adjustment when used on selective and regenerative circuits.

Other manufactures include:—
VARIOMETERS. VARIOCOUPLERS
COIL HOLDERS.
TELEPHONE TRANSFORMERS.
VERNIER FRICTION PENCILS,
etc., etc.

Write for Lists Z.150.

BATTERY POTENTIOMETER

An Igranic Potentiometer is a necessity where one or more stages of high frequency amplification is used. Stabilises grid and eliminates noises and self-oscillation. Resistance 300 ohms. Current consumption negligible. Nickelled finish, complete with fixing screws, knob and pointer. Price 7/-.



Glasgow. *Manchester.* *Bradford.*

149, Queen Victoria St., LONDON.

RADIO IGRANIC ELECTRIC Co. Ltd. WINDING

Works: Elstow Road, BEDFORD.

Cardiff. *Newcastle.* *Birmingham*

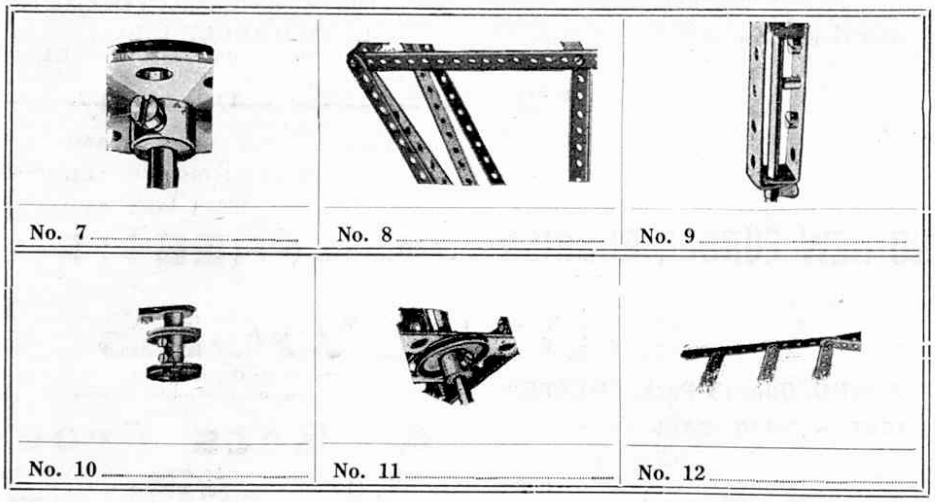
Competition Corner

Competitions are now a strong and popular feature of the "M.M." Some splendid new ones are being prepared and will be announced in our future issues. On page 47, particulars are given of the £250 Championship Contest for the best models, which every reader of the "M.M." should enter.

For Lynx-Eyed Readers

A New Series of Puzzle Pictures

SECOND SET



WHAT YOU HAVE TO DO

Illustrated above is the second set of Puzzle Pictures in this new and fascinating competition. Each picture represents part of some model in the current 0–3 Meccano Manual of Instructions. What you have to do is to find out from which model the Puzzle Picture has been taken.

If you know your Manual well, you should have no difficulty in identifying the pictures. When you have done so write their numbers beneath the Puzzle Pictures, and keep your list with the first set that appeared in the January "*M.M.*" The third and final set will appear next month and you will be told how and when to send in your solutions.

FIRST PRIZE—Hornby No. 2 Passenger Set. SECOND PRIZE—Zulu Goods Set. THIRD PRIZE—Electric Motor. CONSOLATION PRIZES—12 Meccano Writing Pads, and 12 Complete Manuals.

If no competitor succeeds in numbering all the models, the prize will be given to the reader who sends in the best attempt. The other prizes will be awarded in order of merit. In the event of a tie, the competitor's age and neatness of writing will be taken into consideration.

Order your March "*M.M.*" now so that you will not miss the final instalment of Puzzle Pictures.

Competition Closing Dates

1924	25 Feb.	Puzzles (see p. 55).
	29 ,,	Drawing.
	,,	Sixth Photographic.
	31 Mar.	Puzzle Pictures.
	,,	Stamp Essay.
	15 April	£250 Championship.

Overseas Closing Dates

1924	29 Feb.	Fifth Photographic.
	31 Mar.	Essay.
	30 April	Drawing.
	30 May	£250 Championship.
	30 June	Puzzle Pictures.
	31 Aug.	Stamp Essay.

Sixth Photographic Competition for Guild Members

Prizes will be awarded for the best indoor photographs of a Guild member or members, building a Meccano model. There will be two classes (A) for members of 14 years of age and under, and (B) for members over 14 years of age. Closing date 29th February next. Prizes in each section, Meccano goods to the value of 10/6, to be chosen by the winners from the Meccano catalogue.

For Artist Readers

This drawing competition has been arranged in response to numerous requests received from Meccano boys, the subject to be: "*The Editor of the 'M.M.' as I imagine him to be.*" In this competition the drawings may be of any size and the subject may be treated in any manner desired, i.e., it may be either in black and white, pencil, crayon or wash.

There are no restrictions, except that the drawing must, of course, be the unaided work of the competitor. The competition will be divided into two sections :—

(A) Boys under 12 years of age.

(B) Boys of 12 years of age and over.

A prize of a Hawk-Eye camera, manufactured by the Kodak Company, will be awarded in each section. The closing date is 29th February, 1924, in the United Kingdom, and for entries Overseas, 30th April, 1924. I hope to receive a large number of entries for this, our first drawing competition, which, if well supported, will be followed by other similar competitions. The winning drawings will be published in the April or May "*M.M.*"

New Competition for Stamp Collectors

Our last essay contest ("Why I collect Stamps") has proved beyond any doubt that there are many thousands of keen stamp collectors among readers of the "*M.M.*" The entries are now being judged and the results will be published in our next issue.

Meanwhile it has been decided to hold another essay competition, this time the subject is "My Favourite Stamps and why I like them." Some special set, or stamps of a certain colony or even stamps of a country should be chosen and described, and the reasons for your choice given. The essay must not exceed 500 words and is to be written neatly on one side of the paper only. Envelopes containing the entries should be marked "Stamp Contest" in the top left hand corner and sent to the Editor of the "*M.M.*," Binns Road, Liverpool.

The first prize will be stamps to the value of 10/6, to be chosen by the winner himself from any firm advertising in the pages of the "*M.M.*" Make your choice when you send in your essay, and give full particulars of the stamps required, so that the prize may be sent direct to you in the event of your success. Closing date March 31st (Overseas Readers: August 31st, 1924).

FOR OVERSEAS READERS

Results of Recent Competitions

Three Competitions for our Overseas readers closed last month, the Holiday Essay, Photo Essay and Tom Sawyer Competition. The many entries received have now been classified and judged, and we have pleasure in announcing the results.

In the Holiday Essay Competition the winner of Section A is Master James A. Blaikie, of Brisbane, Australia, who submitted a very well written and interesting account of "*An Australian Boy's Holidays.*" In Section B, Master C. Carroll, of Krugersdorp, South Africa, wins the prize for his description of the working of a modern Gold Mine. Hawk Eye Cameras, made by the Kodak Company, have been sent to these two boys, who will now be able to compete in future photographic contests.

The winner of the First Prize in the Photo Essay Competition is Master V. Halpé, of Maradana, Colombo, Ceylon, whose essay contained some very fine views of the island. Meccano goods to the value of £1/1/- have been sent to this successful competitor. The Second Prize of Meccano parts value 10/6 was won by Master R. G. Moses, of Calcutta, who sent in a very clever account of a visit to Tatanagar, a rising town in the province.

Judging by the number of entries, the Tom Sawyer Comments Competition was the most popular of the three competitions. The First Prize of Meccano Goods value £1/1/-, to be chosen from our current catalogue, was won by Master Ralph G. Moses, of Lansdown Road, Calcutta, to whom Tom Sawyer's ingenuity and wit in turning work into pleasure was the most striking point in the story. The Second Prize was won by Master N. Cole, of Observatory, Capetown, South Africa, and a prize of Meccano parts value half-a-guinea has been forwarded to him. We congratulate all our prize-winners on their successes and hope to see their names again in the lists of winners of competitions.

Stamps for Sale

(For Advertisement Rates see page 56).

100 Diff. Stamps Free, incl. Colonials, S. American, China, etc. (No Neurope) to applicants for appros. See my famous ½d. stamps. Fleming, Queen's Park, Chester.

25 Pictorial Stamps Free ! Venezuela, Crete, Tasmania, Martinique, 7 Ukraine, etc. Ask for appro. sheets, encl. postage. Felix Sykes, New Barnet.

STAMP COLLECTORS ! Be sure you get "*The Philatelic Magazine*," the fortnightly stamp newspaper, 3d. from any newsagent, or 4d. post free from Publisher, 63, Windsor House, Westminster, S.W.1.

FREE ! Set 10 German 1 to 500 MILLIONS mint to purchasers of 1/- off approvals. Hooper, 90, Harcourt Avenue, Manor Park, E.

SIXTY DIFFERENT STAMPS FREE to applicants for approvals. All ½d. each. Send Postage. Cox, 135, Cambridge Road, Seven Kings.

CRETE PACKET, 7½d. Contains 25 splendid stamps, including 5 Crete 1906. Money returned if not satisfied. Stamplies & Co., 45, Kitchener Rd., Ipswich.

3 Mint U.S.A. Gratis appro. applicants. Postage 2d. Neave, 25, Portnall Rd., Paddington, W.9. No callers.

Stamps on Approval.—Half to one-third. Gibbons, good copies, state wants; collections and loose lots purchased.—Barlow, 18, Wish Road, Hove, Sussex.

1,000 Well Assorted Stamps, 100 Different Stamps and 1,000 Stamp Mounts, 2/-.—North Bros., Stamp Dealers, Abingdon.

FREE ! 25 Portuguese Colonials to those sending postage, and asking to see Approval Sheets.—C. Florick, 179, Asylum Road, London, S.E.15.

110 Superior Stamps from Tchad, Victoria, Madagascar, Togo, Sudan, Martinique, Senegal, Gabon, Dahomey, etc., 6d. Kraus & Co., 137, Cheapside, London

SET 12 CANADA FREE to appro. applicants. Try my ½d. Booklets. S. Huckle, 53, Birkenhead Avenue, Kingston-on-Thames.

THE HARDING MEMORIAL STAMP is likely to become scarce. One is given FREE to each purchaser of **Irish** BIJOU COLLECTION (24 stamps all different, values to 1/-), including Rialtas, Saorstat, Sword of Light, Arms, etc. 1/6 post free (abroad postage extra). **MARTIN** (N.R.P.), **68, Whetley Hill, Bradford.**

"MECCANO" STAMP COLLECTORS ! Write for our 1924 Price List, and "Select" Approval Sheets. **The Western Imperial Stamp Co.,** 46, Drynham Road. Trowbridge, Wilts.

FREE. Harding Memorial Stamp and Pictorial Set, with approvals, from 6 a penny. Send postage. Powell, 73, Bond Road, Surbiton, Surrey.

APPROVALS, ½ catalogue. Gift catalogued 2/- to applicants.—B. Harland, 9, Chatsworth Rd., Croydon.

NYASSA GIRAFFES FREE with approvals, ½d. and 1d. each. Bodman, 6, Alderman Road, Ipswich.

FREE ! Jamaica (surcharged Jud), 1/- and 2/- to applicants for approvals enclosing postage. **FREE ! 7 BOLIVIA** to purchasers of any of the following sets. Postage extra. 30 Danzig, 8d.; 20 Bavaria, 4d.; 50 Belgian, 10d.; 100 Germany, 9d.; 20 Salvador, 1/3; 20 Ecuador, 1/3; 50 Borneo, 10/6; 1000 All Different, 6/6; 100 French Colonials, 2/6; 5 Thessaly, 1/2.

C. LEWIS, 26, Lichfield Road, CRICKLEWOOD.

50 French Colonies	9d.	50 Roumania	1/-
100 United States	1/-	40 Argentine	1/-
150 Germany ..	1/-	300 Postage	1/-
150 Austria ..	1/-	500 Revenue	5/-
150 Hungary ..	1/-	50 Cards and Envs. ..	1/-

Fine selection of Postage or Revenue ready.
I. Russell, Chetwynd, Shanklin Drive, Westcliff-on-Sea.

FREE SET OF BAVARIA
Handsome embossed stamps (unused) to all applicants enclosing 3d. for copy of New 50 page Price List for 1924. Stamps, Albums and Accessories. Everything for the Stamp Collector at lowest prices.—**The Midland Stamp Co. Ltd., 78, Warwick Street, Leamington Spa.**

Why pay ½d. to 3d. for a stamp when I supply at **½d. each ? I offer 12,000 at ½d. each.** Ask the many readers of Meccano who are having regular weekly supplies. A postcard will bring a selection. Hale, 52, Kentish Town Road, London, N.W.

ST. HELENA (Ship), SOMALI (Elephant), Latvia (Lions), Austria (Triangular), Zanzibar, Saare (Coal-mine), Philippines Revolutionary, Ceylon, etc., 90 different in all, 3d. if approvals requested (9d. without). 250 unused, 8d.
O. Holloway, 28, Heyburn Road, Liverpool.

BRITISH EMPIRE STAMPS
AUSTRALIA, King George, Set of 5, USED ... 1d.
CANADA, 1888, Queen Victoria, 3c. vermillion, USED ... ... ½d.
FEDERATED MALAY STATES, Set of 7, USED 2d.
IRISH FREE STATE, new 6d. Sword Design, MINT 7d.
GOLD COAST, King George, 1½d. carmine, USED ½d.
NEW ZEALAND, Victory Issue, 1d. & 1½d. USED pair ... ... 1d.
POSTAGE EXTRA. ASK FOR PRICE LIST.
ALEC KRISTICH (N.R.P. 279), **82, Marchmont Street, Russell Square, LONDON, W.C.1.**

STAMPS OF ALL NATIONS. SELECTIONS ON APPROVAL FROM SIXTH CATALOGUE
18/6 Scarce pr. UKRAINE, cat. 7/6, Ceylon War, A. H. Monarchy, 10 BELGIUM 1902 mint, C. Slovakia, Schleswig, 5 rare VENEZUELA, Bolivar, cat. 1/6, and others, cat. 18/6, the lot only 6d. free, 25, Helvetian to applicants for approvals enclosing 1½d. **6d.**
HILLIER, Stamp Club, HORSMONDEN.

N NORRISCO BARGAINS B
200 diff. Austria, only 2/-. Post extra
A good collection of Austria, neatly mounted in booklet, by sets, with mint values to 10-kronen, and of very high catalogue value, for the ridiculous price of **2/-** plus postage ! **Money back always if dissatisfied.** 300 diff. AUSTRIA for 3/6; 400 for 10/-; 500 for 25/-; 600 for 42/-.

Other Long Set Bargains (all postage extra):

50 Bulgaria & Thrace	1/3	100 Poland & Vilna (cat. £1)	1/6
50 Fiume (cat. £3) ...	6/-	50 Portugal (cat. 6/-)	1/-
25 Greece (cat. 3/6)	6d.		
100 Turkish War and Post-war			...10/-

Full lists free. Approvals (any Country) against refs. or deposit.
NORRIS & CO. (Dept. M.M.), LEABROOKS, ALFRETON, Derbyshire, England.

NO NEW EUROPE RUBBISH
25 BRITISH COLONIALS FREE, including S. Nigeria, Jamaica, GOLD COAST, Newfoundland, Queensland, Travancore, B. Guiana. To all those asking for my approvals, including my famous ½d. sheets.
FLEMING, Queen's Park, CHESTER.

GREAT RUSSIAN BARGAIN PACKET
40 different Stamps of Russia, and States which were originally part of her Empire, FOR **1/-**. Packet No. O.10 contains 40 different, including **Russia,** Romanoff Currency, Imperf. 2nd Denekin issues, unused, Finland (various issues), 4 Esthonia, unused, Lettland, **Armenia** (Eagle type), Georgia, Poland, **Batoum** (British Occupation), UKRAINE, Tridents from Kieff, Odessa, Kharkov, and permanent type, etc., etc. This fine lot (which is usually sold at over 10/-) for only **1/-**, post free 1/1½ (abroad 1/6). 48 pp. List of Novelties, Sets, Packets, Albums, etc., Post Free.
BRIGHT & SON, 164, STRAND, LONDON, W.C.2.

MY PACKETS ARE REAL BARGAINS AND NO DUPLICATES IN THEM
Send 1d. stamp for longer list, and send for these special bargains. Postage 1½d. extra. 75 Bavaria, 9d.; 75 Belgium, 1/3; 200 Germany, 3/-; 40 Czecho-Slovakia, 9d.; 26 Denmark, 4d.; 38 Sweden, 8d.; 25 Greece, 4d.; 40 Italy, 6d.; 60 France, 6d.; 60 Roumania, 1/3; 77 Poland, 2/6; 20 Egypt, 5d.; 19 Trinidad, 1/-; 35 Hong Kong, 2/6; 50 India, 9d.; 15 Jamaica, 5d.; 6 Mauritius, 4d.; 41 Canada, 1/6; 50 Argentine, 1/-; 17 Brazil, 4d.; 25 Finland, 8d. 10% reduction to those mentioning *Meccano Magazine.*
ERNEST HARROD, 110, Pepys Rd., London, S.E.14.

30 British Colonials, 6d.; 50 1/-. 50 Used Foreign, 6d. 25 French Colonials, 6d.; 50 1/-. 50 Used Asiatic, 1/-. 100 Austria, 6d. 100 Hungary, 6d. 20 Danzig, 6d.
ANDREWS, 76, Prince of Wales Road, London, N.W.5.

SPECIAL NOTICE
N We have in stock a few sets of 5 Crete Stamps, which are catalogued by Stanley Gibbons at 27/6 per set. These we are offering at the very low price of 2/6 till stock is exhausted. This is a splendid chance for collectors to increase the value of their collections. 50 Unused Stamps, 1/-. **B**
NORTH BROS., Stamp Dealers, Abingdon.

3D. SPECIAL BARGAIN SETS
Genuine Postage Stamps.
3d. each Set. Any 6 Sets 1/3.
7 Antioquia, 10 Chili, 10 China, 10 Cuba, 15 Canada, 5 Hayti, 5 Honduras, 5 Hong Kong, 20 India, 5 Ireland, 20 Japan, 2 Liberia, 6 Malta, 5 Mozambique, 6 Newfoundland, 3 Nyassa, 6 Persia, 10 Philippine Isles, 15 Poland, 5 Siam, 10 Ukraine, 20 U.S. America, 8 Venezuela.

FREE ! Any of the above Sets, and a selection of 2,000 others, gratis to purchasers from our world-famous Approval Sheets.
30,000 varieties to select from.
LOWEST PRICES. HIGHEST DISCOUNTS.
IF you have not already our **PRICE LIST AND GUIDE TO STAMP COLLECTING, ASK** for this valuable book. 2,000 bargains in Albums, Sets and Packets.
ERRINGTON & MARTIN, LONDON, E.9.

PLENTY OF "DIAMONDS"
ARE NOW AVAILABLE. **THE "DIAMOND" PACKET** is guaranteed to contain **1000 UNSORTED STAMPS, 1/3** (from Convents abroad). Every purchaser has the chance of finding **RARE SPECIMENS.** 2 pkts., 2/5; 3 pkts., 3/6; 4 pkts., 4/6; 5 pkts., 5/6. All post free. (Abroad 3d. per packet). **O. Nerush,** Importer, (Dept. E), **2-22, Cathcart Hill, London, N.19.**

ON APPROVAL
Choice selections of British, Colonial and Foreign, also attractive sets.
MINT GERMAN PROVISIONALS A SPECIALITY.
L. PARNELL, L.SC.,
52a, BELVEDERE ROAD, LONDON, S.E.19.
Special Packet of 250 Mint Foreign, 1/2.

Free to Applicants for Approvals.
1,000,000,000 MARK STAMP
OR
4 FRENCH INDIA SURCHARGED IN "CACHES"
(The Latest Novelty).
ALBAN SIMMONS, Hillside, NEW BARNET.

125 ALL DIFF. **FREE!!!**
Unused Stamps
A most remarkable pkt., catalogued about 15/-. **Absolutely Free** if you send post-card requesting famous approvals. If you send 1½d. postage we include copy of the "*Junior Stamp News*"—the new fortnightly paper for young stamp collectors.
GRAVES & CO. (Dept. M.3.),
66, Cambridge Road, Seaforth, Liverpool.

All Sets Free
Genuine applicants for our Approvals receive ALL the following sets **Absolutely Free.**

25	different	Hungary, many fine pictorials.
25	,,	Germany, a collection itself.
13	,,	Ukraine, all pictorials.
15	,,	Austria, every one unused.
10	,,	Liechtenstein, with several dues.

We leave you to judge the value of this stupendous offer.
R. WILKINSON, Provincial Buildings, COLWYN BAY.

A WONDERFUL BARGAIN
400 Different Foreign Stamps for one shilling, post free, if you ask to see the WATERLOO APPROVAL BOOKS, which are full of bargains. Price of packet if no approvals required is 1/6 post free. Mention this paper.
A. T. ROFF & CO.,
32, Paradise Street, BIRMINGHAM.

100 UNUSED STAMPS ALL DIFFERENT FREE ABSOLUTELY FREE
Send POSTCARD ONLY and request our famous approval sheets.
LISBURN & TOWNSEND 100
201, London Rd., Liverpool FREE

FREE! "SUDAN" PACKET
50 diff. stamps incl. pict. SUDAN showing Arab on Camel, crossing desert with mail bags for Khartoum and Berber. This stamp is enclosed in INVISIBLE POCKET, giving permanent protection from damage. Free to applicants sending postcard for approval sheets. COLLECTORS' GUIDE AND LIST, with Aid to Identification, Perf. Gauge, Dict. of Phil. Terms, etc., price 3d. post free. To Meccano readers, rare mint Venezuela (obs: 25 years) incl. with Guide. **BUTLER BROS.** (Dept. M.), **Clevedon.** (Est. 1879).

Watermarks

SOMEONE once said that before valuing a stamp or even placing it in his album, a stamp collector not only "examines both back and front, but looks through it and even looks at it edgeways!" The remark was intended to imply that the collector wastes precious time over little details that, perhaps, would not count with the average person.

Stamp collecting is essentially a hobby in which minute details must be considered, however, and such criticisms as that mentioned obviously come from persons who do not understand the hobby. The consideration of details causes wealthy collectors to pay large sums for single stamps. Often £500 is reached in stamp auction rooms, and not very long ago one stamp (the 1c. black of the 1865 issue of British Guiana) fetched as much as £7,000! As the only difference between a common and a rare stamp may be a small matter—such as watermark, a size of perforation, or shade of colour—these details must be worth studying.

What is a Watermark?

Most stamps, if held to the light, will show some parts that seem more transparent than others. This transparency, which forms an orderly design in the stamp—such as, perhaps, a crown, star, or some initials—is the watermark. It is obtained by making the paper thinner in places, as desired, according to the pattern required.

Stamps are not the only articles with watermarks, and no doubt you have noticed that writing papers and envelopes often have watermarks. In these cases the watermark consists of the name of the maker or, perhaps, the brand of the paper, which may thus be identified, without the name being too prominent.

A Safeguard Against Forgery

The use of watermarks on stamp paper is somewhat different, however, for it is principally used as a precaution against forgery. A clever but dishonest printer might copy the engraving of a stamp, and having mixed his ink to the right tint, could print stamps on paper apparently the same as that on which the genuine stamps are printed. You would think that the result was a real stamp—*until you looked for the watermark!* The watermark is beyond the skill of the forger, and can only be placed on the paper while it is in a semi-fluid state, by passing it under what is called a "dandy roll." On this roller are a number of very fine wires arranged in a pattern. When the paper passes under these wires they make it a little thinner wherever they touch it, and so leave an impression of their pattern on the paper. We may easily see, then, that the person who wishes to watermark paper must be a paper-maker. Very few forgers would be able to make their own paper and, in fact, there is no case on record in which this has been done. Thus it is that the watermark is one of the chief safeguards against forgery.

The chief interest of watermarks to stamp-collectors lies in the fact that although two stamps may be alike in every respect except the watermark, they are considered to be "different" for collecting purposes, and consequently both stamps must be included in the album. Naturally, it often happens that one watermark is very much more uncommon than another on some particular variety of stamp. In such a case the watermark may send up the value of a stamp normally worth 1d. to £100!

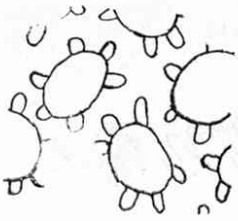


Fig. 1. Turtles (Tonga)

In foreign stamps we come across many peculiar watermarks. Sometimes such designs as turtles (Fig. 1), umbrellas, wire-netting and noughts-and-crosses appear as watermarks! The best the British Empire can offer in the pictorial watermarks is the Elephant's Head (Fig. 2) on certain early Indian stamps (1865–1876).

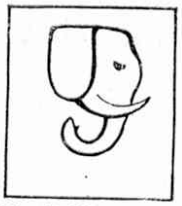


Fig. 2 Elephant's Head (India)

Not every stamp has a watermark, however, and in the case of stamps of many foreign countries no watermark is the rule, rather than the exception. Practically all the stamps of the British Empire have watermarks, the only notable exception being Canada, which has not had a watermark for some time, and several of the Indian Native States.

Watermarks of Great Britain

If we examine any current stamp of Great Britain we find that they are all watermarked with a design consisting of a small Crown over the initials "GR" in script type, with the Roman numeral "v" between. (Fig. 3). This "GvR" stands for "*Georgius v Rex*" which, as every boy knows, is Latin for "George the Fifth, King." A similar Royal Cipher may be seen on any pillar-box placed in position during the reign of King George V. Pillar boxes installed during Queen Victoria's reign had the Crown and "VR" ("*Victoria Regina*") and those during the reign of King Edward, the Crown and "EviiR."

Fig. 3 Gt. Britain Simple Royal Cipher

All the current stamps up to the 1/– value appear on paper watermarked with this design of the Royal Cipher, although there is some talk of this being altered in the future. The first King George stamps appeared with two watermarks, the Imperial Crown and the simple Royal Cipher, as it is called. The second issue of the ½d. and 1d. stamps was printed on three varieties of paper, watermarked Imperial Crown, simple Royal Cipher and multiple Royal Cipher (Fig. 4) respectively.

Fig. 4. Multiple Royal Cipher

"Simple" and "Multiple"

The words "simple" and "multiple" require some explanation, as applied to the watermark of the Royal Cipher. The stamps watermarked in the "simple" style have a large number of designs placed close together, one above the other. Thus two designs appear on each stamp, one above another, as may be seen in any current stamp of Great Britain.

In the "multiple" style a large number of the designs are placed in rows, each row being near the one above. Thus the centres of the lower designs come opposite the spaces between the individual designs of the upper row, as shown in our illustration.

NEXT MONTH:

COLONIAL WATERMARKS

Recent Issues

ST. KITTS-NEVIS. TERCENTENARY ISSUE.

To mark the Tercentenary of the colonization of St. Kitts (i.e. St. Christopher), a complete set of stamps of one type was issued in 1923. The stamps are perforated 14 and all are printed on the new script watermark paper with the exception of the 5/– and £1 values, which have the old watermark.

The stamps were used concurrently with the existing stamps for this colony and the general issue for the Leeward Islands, to which group the two islands of St. Kitts and Nevis belong. The design is a picture representing Old Road Bay, having in the background Mount Misery and in the foreground a seventeenth century ship. The values are as follows: ½, 1, 1½, 2, 2½, 3, 6d., 1/–, 2/–, 2/6, 5/–, 10/–, £1. The 10/– stamp was the first stamp of the Empire to appear on green paper with the script watermark.

UNITED STATES OF AMERICA.

HARDING MEMORIAL.

There is a rule in America that no President shall appear on any of the postage stamps during his lifetime. After the tragic end of the late President Harding, the authorities at once decided to issue a mourning stamp bearing his portrait. This magnificent stamp, known as the "Harding Memorial," is the subject of our illustration. It is of the value of 2 cents, and bears the name "Harding" under the head with the dates of the late President's birth and death in the upper corners. The stamp is appropriately printed in black. The likeness is most excellent; in fact it is, in our opinion, the best portrait that has ever appeared upon a postage stamp. Doubtless the plain, white background is a great help, and it is a hint that other countries would do well to follow.

A New Serial:

INTO A FORBIDDEN LAND

The Strange Search for the Gold Book of Gaz

By RAYMOND RAIFE

Author of "The Quest for the Arctic Poppy," "The Sheik's White Slave," etc.

ILLUSTRATED BY STANLEY L. WOOD

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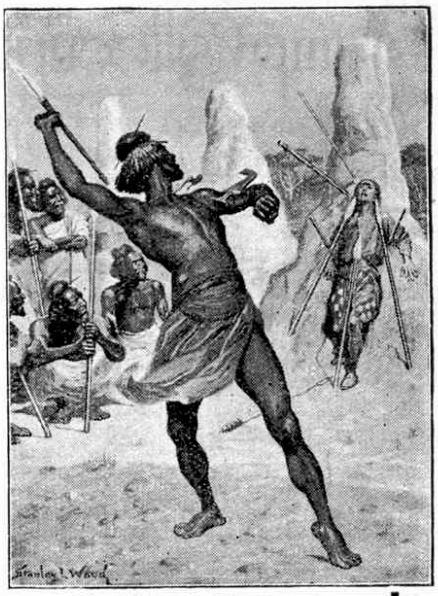
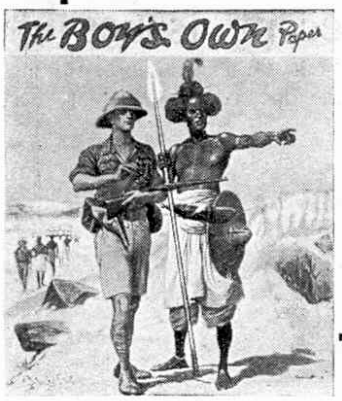
The Boy's Own Paper

for FEBRUARY, 1924



Thus held in position, he was a human target for his foes



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The Secretary's Notes

This month I want to say a few words about the methods open to Clubs who wish to increase their membership. Now that the Christmas holidays are well over, with their many excitements, Club nights are once more coming into their own. The Second Winter Session is in full swing, and members are keenly anticipating the many interesting items that the New Year's programmes contain. I hear that various Exhibitions, Socials and Concerts held at the close of the past Session have in every case resulted in increased membership for the Clubs concerned. There is no doubt that activities of this kind, when they are made known to the public by wise and careful advertising, do help Meccano Clubs in many ways. Apart from the gain in new recruits, parents of members and other local people become interested in the progress of the Club, lecturers are more readily found, and visits to local works are more easily arranged.

The New Session

Amongst the important duties of Club Secretaries is the regular sending in of Club reports to Headquarters. I should like to remind Secretaries that I prefer to have a short report every month, rather than a long one at the end of the Session. I hope that Secretaries will bear this in mind in future and send in their reports of the Club's activities and the number of members attending, at the end of every month. The "*M.M.*" is the Official Organ of the Meccano Guild, and by sending in reports for inclusion in "Club Notes," Meccano Clubs obtain valuable publicity. In addition to this, the "Club Notes" suggest ideas for improvements to other Clubs and in this way Secretaries are able to contribute something to the general store of knowledge.

Request to Secretaries

Then, again, every Club wishing to increase its membership should interview the local Meccano dealer, with a courteous request that he will display a notice about the Club in his shop windows. This notice should be typewritten or neatly drawn on cardboard. It should include the name and address of the Club, time of meetings and the announcement that full particulars may be obtained from the Secretary, whose address should be given. As Clubs who have already adopted these measures have invariably increased their membership and their activities, it seems obvious that such methods are advantageous. By adopting such suggestions as these you show others that your Club is a really "live" one and you are sure to attract new members. Meccano boys cannot be expected to show any eagerness to belong to a "dead" or slack club.

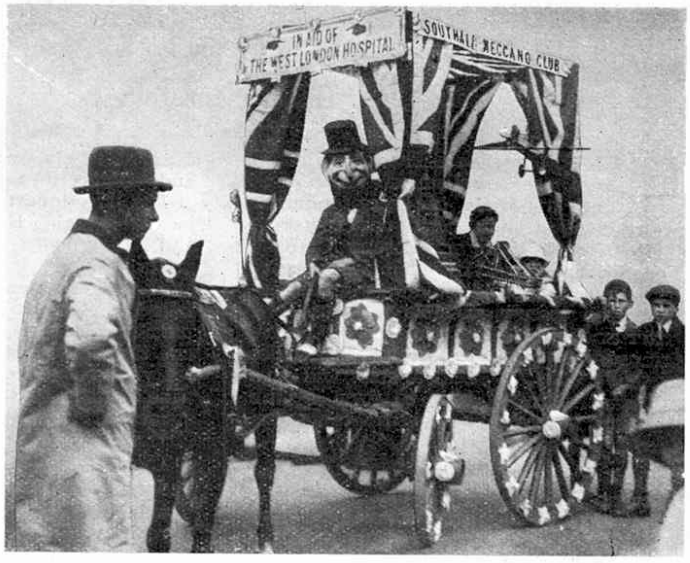
How Dealers can Help

Several Clubs have recently formed libraries for the use of members, and as these have proved very popular the idea might be of interest to other Clubs. When visiting the Leamington Club recently I inspected their well-stocked library and was informed that some benefactor had given the Club a very old book dealing with some historical subject. Not being of great interest to the members of this lively Club, the old volume had been sent to an antiquarian, who had in exchange sent the Club twenty volumes of splendid stories of adventure—much more to the taste of the members! Club libraries are very desirable and are already in existence in many instances. In some cases a small monthly subscription or the sum of 1d. per book, is charged; in other cases the library fee is covered by the Club subscription. A library committee should be formed to fix the subscription rates, times of borrowing, and to appoint a librarian and to decide on the books to be purchased. In this latter connection I am always very willing to assist by giving a list of interesting books suitable for boys and of engineering, adventure or general interests.

Club Libraries

I would like to remind all Club members that I am always very glad to receive any suggestions that might prove of value to other Clubs. Suggestions for lectures, means of obtaining new members, new model contests and particulars of popular round games are always welcome, and if suitable will be published in these columns.

Meccano Club Helps Hospital



A SHORT time ago a Church Parade was held at Southall in aid of the West London Hospital. Members of the Southall Meccano Club helped in the good work by entering a cart, cleverly decorated with hundreds of blue and white rosettes and several Union Jacks. The grotesque mask worn by the young driver of the cart was the cause of considerable amusement.

Numerous Meccano models exhibited on the cart aroused great interest. They included two large Aeroplanes hung from the top of the cart and working models of an Elevator 3 ft. in height (built by Master Haigh), and a large Swing Bridge (built by Master Gray). Two models of a Printing Machine and Rail Truck, which were awarded prizes in the last £250 Model Building Contest, were also exhibited, in addition to numerous smaller models such as Windmills, Cranes, Designing Machines, etc. It is gratifying to learn that over £80 was collected and handed over to the West London Hospital as a result of this Procession.

Mr. E. C. Carpenter, the Leader of the Southall Meccano Club, who was responsible for the decorative scheme, finds that activities of this character are very beneficial to the Club, making it known in its own locality so that an increase in membership is the invariable result.

Meccano Club Leaders

No. 10. Mr. E. C. CARPENTER.

Mr. E. C. Carpenter is the Leader of the "Southall Meccano Club," established in 1922. The present Club-room is in the Public Library, but more suitable accommodation has been found in the Scouts' Hall, Norwood, where the Club will soon take up their quarters. Mr. Carpenter has worked hard to make the Club the success it is. It has not been all plain sailing, and every credit is due to him for the manner in which the many difficulties have been overcome. Since the day of its inception, the Club has continued to make good progress, however, and to-day it is one of our most enthusiastic Clubs, and Mr. Carpenter is rightly very proud of it.

How to Run a Successful Meccano Club

by the

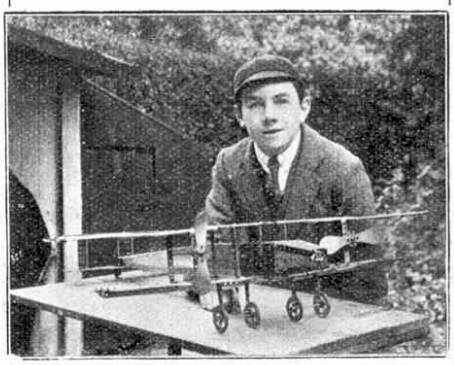
Guild Secretary

EVERY year thousands of new members are enrolled in the Guild, and hundreds of eager enquiries are received at Guild Headquarters asking "How can I form a Meccano Club?" For some time past I have felt the necessity for giving to Guild members more information than is possible to write in a letter and with this object in view I have arranged to publish a series of articles in the "*M.M.*" These articles will give full particulars of how to form a club and what is necessary to ensure its success, once it has been started.

How the Guild Commenced

First of all let me explain how the Meccano Guild came into existence. The principals and staff of Meccano Ltd. have worked amongst boys for more than twenty years. It cannot be any exaggeration to say that the number of Meccano boys at the present time runs into millions. We have corresponded with tens of thousands of them on all manner of subjects in which all boys are interested. We have interviewed hundreds of others and have been the confidants of their hopes, their ambitions, their difficulties and their fears. Through this long and close association with Meccano boys in all parts of the world we have been able to realise what wonderful hearts and brains they have, and how they understand and respond to help given to them.

A Giant Bomber



Our illustration shows Master Edward Roden, an enthusiastic Meccano boy, with his fine model of a Giant Bombing Aeroplane. Last year Edward was in hospital for many weeks and, of course, Meccano helped to pass the time.

Before the days of the Meccano Guild, many of these boys formed little clubs and societies amongst themselves. They repeatedly asked us to organise some form of central club to which they might all look for guidance. Realising the immense responsibility and work entailed by such a step, we delayed any action until we felt that we had the means and facilities for carrying it through successfully. Thus it was not until 1916 that the Meccano Guild came into existence. It is pleasing to remember that the Guild originated in the hearts and minds of hundreds of thousands of Meccano boys.

Objects of the Guild

The Guild has one main object, namely, to help every member to become a good man. It aims to do this by making members' lives brighter and happier; by fostering clean-mindedness, truthfulness, ambition, and initiative, and by encouraging its members in the pursuit of their studies and hobbies, and especially in the development of their knowledge of mechanical and engineering principles.

The Headquarters of the Guild are located at the Head Office of Meccano Ltd., Liverpool. The work is under my control, and I am assisted by a staff of experienced workers. To us falls the pleasant task of rendering every possible assistance to Guild members, not the least part of which work is the replying to numerous enquiries upon a wide variety of subjects, not necessarily connected with the Guild or even with Meccano.

The Headquarters staff also despatches badges and certificates to new Guild members and special medals and awards for members who show particular merit or aptitude for club work. We give advice to those boys who wish to form new clubs, and co-ordinate the work of existing clubs in various parts of the country, in the colonies and abroad. We assist clubs in the arrangement of their programmes, furnish all available information and generally help to make each club a success. We ensure the interchange of ideas between all Meccano clubs, and compile the Guild pages for the *Meccano Magazine*, the official organ of the Guild. As there are now about 150 clubs in this country and overseas, the members of the Headquarters staff find plenty of work to occupy the time!

Forming a Meccano Club

In every form of club there are four essentials. These are:—a common interest, a number of members, a Leader, and finally a club room. In the case of a Meccano Club, Meccano furnishes the common interest and the members, so that it only remains to secure a Leader and a suitable room.

A Meccano Club is a properly constituted club and manages its own affairs entirely. The club is organised in the first place by a few enthusiastic Guild members, who choose some adult as a Leader. Then a general meeting of all the Meccano boys in the district is held to decide on what lines the club shall be run. The name of the club will also have to be decided, the subscription rates fixed, and a programme for the session arranged, including—if desired—Lectures, Concerts, Exhibitions. In the summer months, outings will have to be arranged, and sports, cycle runs, etc., or any other outdoor pastime that interests the members.

(*To be continued*)

CLUB NOTES

Luton Meccano Club.—The last session of this steadily-growing club was brought to a close by a very enjoyable social evening. In a recent Model Building Competition one of the best models on view was a very delicate pair of scales. Master Jack Silbey has been recommended for a special Merit Medallion for a very interesting lecture on "*Light and its Mysteries.*" which proved exceedingly popular with the members. Active preparations have been made for the opening of the Second Winter Session. *Secretary*: Master W. Humby, 11, Napier Road, Luton, Beds.

West View (Nottingham) M.C.—Continues to increase its membership, and recently received applications from as far afield as South Africa. The First Winter Session terminated with a very successful conjuring entertainment, and members are now on the way to becoming enthusiastic wizards! The Second Session commenced on the 17th of last month, when several more new members were enrolled. *Leader*: Mr. H. W. R. Cousens, 494, Mansfield Road, Sherwood, Nottingham.

Barnetby (St. Barnabas) M.C.—A social evening held at the end of the First Winter Session proved such a success that it is hoped to make similar evenings a regular institution. The Stamp Collectors' Section is becoming increasingly popular, and the articles on the subject in the "*M.M.*" are proving of great value. Every endeavour is being made to ensure an even more successful Second Winter Session. *Secretary:* Master R. H. Ward, Laurel Villas, Victoria Road, Barnetby, Lincs.

Ethersall (Nelson) M.C.—This club has enjoyed a very pleasant session, the programme of which included exhibitions, concerts, model building, games, billiards and discussions on mechanical principles. A visit was also paid to a local printing works, where several ideas for models were obtained. Arrangements are at present being made to secure a new club room for the Second Winter Session. *Secretary:* Master H. Dewhurst, 145, Waids House Road, Nelson, Lancs.

Parkstone Congregational M.C.—A few weeks ago this club celebrated its third anniversary by a social, at which 20 members were present. The Club Leader, in the course of his speech referred to the original formation, the trials and triumphs, the ultimate success and future plans of the club. A vote of thanks was passed to Master Brumwell, the late Secretary, to whom a presentation was afterwards made. A syllabus for the next session is now being drawn up. *Secretary:* Stuart Bridle, "Newton Glen," Sandbanks Road, Parkstone, Dorset.

Combe St. Nicholas M.C.—Continues to make very satisfactory progress, and has recently started a branch club a few miles away. The story "*A Night at the Pool*" was very much enjoyed by members of both clubs, and the Second Winter Session has now commenced. *Secretary:* Master L. Bailey, Combe St. Nicholas School, near Chard, Somerset.

New Malden M.C.—A very well-organised and successful Exhibition and Concert was held by this club last month, and resulted in a welcome increase in membership. Master Wood, who was for some time Secretary, has now resigned, and is succeeded by Master E. Alcorn, 7, Poplar Grove, New Malden.

Club Recently Affiliated

Boroughmuir (Edinburgh) M.C.—All Guild members will join in congratulating this enthusiastic and promising club on its recent affiliation. There is already a membership of 51, and at a recent exhibition Meccano models, wireless sets, and Hornby trains running on a sixty ft. track were on view. Altogether £2 12s. 6d. was collected, and half of this was given to the Edinburgh Children's Hospital, the remainder going to the club funds. A photograph of the exhibition will be published in a future number of the "*M.M.*" *Secretary*: Master Colin Crichton, 105, Gilmore Place, Edinburgh.

Clubs not yet Affiliated

St. Catherine's (London) M.C.—An effort is being made to establish a Meccano Club in Shepherds Bush, London, and a suitable Club room has already been obtained. Any Guild member who lives in this district, and who is interested in the formation of a Club, should get into touch with the Secretary as soon as possible. *Secretary:* Master Wm. Crooks, 8, The Curve, Wormholt East, Shepherds Bush, London.

Watford M.C.—It is hoped to establish a club in this district in the near future, and all Guild members who would care to join should communicate with the *Secretary:* Master H. McKay, Wynton, King Street, Watford, Herts.

IN our last issue we announced a series of puzzle competitions, running over three months, for Guild members. We give below further puzzles in the series and would remind our readers that each puzzle is numbered, and that entrants are to write their solutions on a post card alongside the number of the puzzle concerned. Solutions must be received in this office before the 25th of each month, because the answers to the preceding month's puzzles will be published in the following month's "*M.M.*" On 25th March we shall classify all the entries received, and the winner will be the competitor who has given the greatest number of correct solutions to the three sets of puzzles.

Those who have sent in answers to the January puzzles should send in their replies to the puzzles on this page, even though their answers to January puzzles may not all be correct. It does not follow that the winner will be able to give correct answers to *all* the puzzles. We are giving some real "posers," as we know our readers are far too sharp and clever to be interested in "ordinary" puzzles!

The first prize will be Meccano Products to the value of £2 2s. 0d. Second and Third Prizes to the value of £1 1s. 0d. and 10s. 6d. respectively, all to be selected from our current catalogue by the winners.

February Puzzles

Remember that solutions to the puzzles on this page are to be sent in before 25th February because the answers will be published in the March "*M.M.*" Remember also that this Competition runs over three months, and in addition to the puzzles on this page, entrants are required to solve the puzzles in the January and March issues in order to qualify for a prize. This Competition is open to Guild members only, and full particulars in regard to joining the Guild will be sent (post free) on application, to any of our readers who are not already members. New members may obtain a copy of the January issue from *Meccano Magazine* Office, Binns Road, Liverpool, price 3d. (post free).

No. 6.

This is a shunting problem that will appeal more particularly to those interested in railways. Train A consists of a loco and 25 wagons. Another train, B, consists of a loco and 50 wagons. The railway on which they are running is a single track, and as the trains are travelling in opposite directions they require to pass each other. To do this they may make use of the siding S; but this will take only 15 wagons, exclusive of the loco. The puzzle is:—How can the trains A and B pass each other? This puzzle is illustrated by the figure at the foot of the page.

(*Contributed by Master H. M. Harper, West Kirby, to whom the monthly prize of 5/- has been awarded*).

* * *

No. 7.

Come landlord fill the flowing * * * * ,
Until the * * * * run over,
To-night we'll * * * * upon the * * * * ,
To-morrow * * * * to Dover.

This is another puzzle of the same order as No. 5, printed last month. Here again the missing word consists of four letters, re-arranged in each blank to form different words.

* * *

No. 8.

Five ladies, each accompanied by her daughter, visited the same establishment to buy fabric. Each of the ten bought as many feet of fabric as she paid farthings per foot. Each mother spent 8/5¼ more than her daughter. Mrs. Robinson spent 6/- more than Mrs. Evans, who spent only about a quarter the amount that Mrs. Jones spent. Mrs. Smith spent the most. Mrs. Brown bought 21 yards more than Bessie. Annie bought 16 yards more than Mary, and spent £3/0/8 more than Emily. The other girl's Christian name was Ada; what was her surname?

* * * *

No. 9.

The following lines seem to have been set up by a printer who stutters, or at any rate who is not very clear as to what he really wants to say! The addition of the necessary punctuation marks, however, will make a perfectly intelligible sentence. What is your solution of this puzzle?

Were but but and and and but but but and and were and and but and and and but but but and and and but and but but and and and and and and and but but and but.

* * * *

No. 10.

A steamer crossed from Dover to Calais in 2 hours. On returning, she proceeded at first 6 miles an hour more slowly than she went, but, the wind changing half way, she increased her speed [illegible] miles per hour, and reacher Dover sooner than she would have done, if the wind had not changed, in the proportion 6 : 7. What is the distance from Dover to Calais?

Answers to Last Month's Puzzles

No. 1 The niggers:—79 apples.
No. 2 The brick and a half weigh 21 lbs.
No. 3 44 triangles.
No. 4 105 triangles.
No. 5:—

A VILE old woman on EVIL bent,
Put on her VEIL and away she went,
And to her LEVI she did say,
What shall we do to LIVE to-day.

We offer a prize of 5/- for the best puzzle submitted each month, and prizes of 2/6 each for any other puzzles printed.

Puzzles should be expressed as clearly as possible and the answers should be given in each case. Diagrams should be clearly drawn and letters should be addressed "Puzzles," Meccano Magazine, Binns Road, Liverpool.

An article in a Danish newspaper "*Politiken*" shows how well-known is Meccano in Denmark. It appears that when the King of Denmark was on holiday in Iceland he visited one of the geysers for which that country is famous. Unfortunately, in climbing some rocks, the King had a slight mishap to a certain part of his clothing, and he anxiously enquired as to whether anyone had a needle and cotton and a trouser button. The report tells us that not one of his staff could produce the requisite articles. "In fact," said "*Politiken*," "no one could even produce a Meccano nut and bolt!"

* * *

Ned, the carter, meeting Jim, the stockman, in a dark lane at night, they converse:

Ned: "Where be ye a-goin' then, Jim?"

Jim: "I bain't be a-goin' nowheres."

Ned: "Ye be a-goin' somewhere, Jim, surely?"

Jim: "No, Ned, I bain't. I be a-comin' back!"

* * *

Shop Foreman: "You ain't one of them blokes wot drops their tools and scoots as soon as knock-off blows, are you?"

New-hand: "Not me. Why, I often have to wait five minutes after I put me tools away before the whistle goes!"

* * *

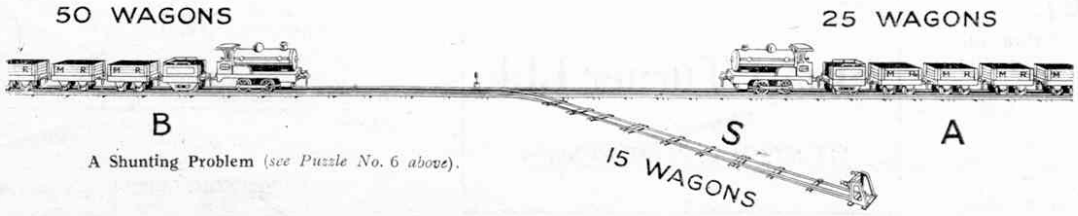
Q. What is the difference between a moor-hen and stagnant water?

A. One is a water-fowl and the other is foul water.

* * *

Q. Why are deaf people like Dutch cheese?

A. Because you can't make them here.



A Shunting Problem (*see Puzzle No. 6 above*).

Small Advertisements

(For Rates, see right-hand column on this page)

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Telephone Receivers

We have a limited number of single telephone ear-pieces similar to the illustration, of which we are disposing at 10/- each, postage 1½d. These telephone ear-pieces are of 2,000 ohms resistance. They are of the highest grade of British manufacture and give loud and clear reproduction, free from distortion.

They are suitable for use with any receiving set, and are useful as additional 'phones to enable a second person to listen in. They may be converted into a double head 'phone by attaching two together with a metal band, or with a 12½ inch Meccano strip.

Those desirous of acquiring a high-grade telephone are advised to take advantage of this opportunity, as our present stock is limited and will soon be exhausted.

MECCANO LTD. BINNS RD. LIVERPOOL

MAKE YOUR OWN ELECTRIC LIGHT

These wonderful Dynamos light brilliantly a 4-6 volt lamp, and take very little power to drive. Dynamos 5/-. Post 6d. Special "De Luxe" Model, giving over twice the output, 7/6. Post 6d.

5/-

GREENS (Dept. N.), 85, New Oxford St., London

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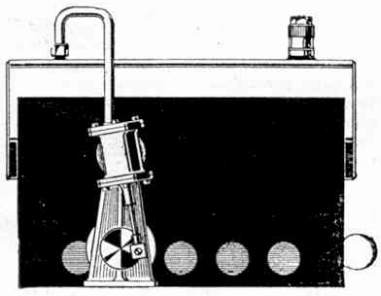
ADVICE, HANDBOOK & CONSULTATION FREE. King, Registered Patent Agent, 146a, Queen Victoria Street, London, E.C.4. 37 years' references.

FOR BETTER RESULTS THIS WINTER GET YOUR AERIAL HIGHER **50 ft.** **50/-**
with Iron Fittings ready for immediate easy erection. *Sent anywhere.* **13 ft. MASTS,** for house fixing. **SPREADERS,** etc. *List 2d.* **Amateur Wireless Service, 33m, Elms Rd., Aldershot.** *Trade Supplied.*



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S.T. Steam Plant

with double-acting cylinder, 7/16 × 7/16 in.

Specially designed for driving Meccano Toys. The engine you can build yourself with the aid of a screwdriver. It is perfectly safe and we absolutely guarantee that it will work when you have built it.

ENGINE PARTS, 5/-
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FINISHED BOILER, 7/6
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COMPLETE PLANT (*post free*), 13/-

If you want a bigger engine send 6d. for our complete 72 pp. catalogue.

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Telephone, 701 Old Swan (6 lines).

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* * *

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* * *

Small advertisements are inserted in these columns at 1/- per line (average seven words to the line), or 10/- per inch (average 12 lines to the inch). Cash with order.

* * *

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

Motor Cars Without Gears—(*cont.*)

Before parting from Mr. Constantinesco he very kindly gave me a message for readers of the "*M.M.*" and this is reproduced on page 37. After thanking him for his courtesy in explaining all these things for the benefit of Meccano readers, I left this wonderful inventor with a feeling of deep admiration for his high scientific attainments and the original form which his investigations have taken. I feel sure that everyone of our tens of thousands of readers will join me in congratulating Mr. Constantinesco on his success. It is certain that we shall all follow the progress of his Torque Converter, and his other inventions, with the greatest possible interest.

STAMPS FOR SALE

FREE! FREE!! FREE!!! Packet containing scarce Fiume Provisionals, French Ant-Eater, old issues, and a Free Slip worth 5/-. Ask for approvals. Set of 12 mint pictorials free to those enclosing postage. Nethery, 32, Anfield Road, Liverpool.

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Write on foolscap and insert at the end the name and address of the Toyshop or Store nearest to where you live, which stocks the real Fairycycle, also your own name, address and age.

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Entries must reach us not later than March 10th, 1924.

The decision of Lines Bros. will be final.

Names and addresses of winners will be published in the *April* issue of *Meccano Magazine*.

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No employee of Lines Bros. may compete.

The FAIRYCYCLE

THE CHILDREN'S BICYCLE

Patent No. 169294 **Regd. Design 677489**

As illustrated, only

59/6 each

at all good Toyshops and Stores.

As Advertised in the DAILY MAIL and DAILY MIRROR.

Note the ***Low Centre of Gravity***, this makes it safe for the Kiddies.

Insist on these:—Cone Bearing Steering Head, Brake, Freewheel, Adjustable Chain by means of Pedal Bracket (*you know how all chains stretch*), Reinforced Seat Pillar, Ball-Bearing Rubber Pedals, Mudguards—Back and Front, Highly-plated Fittings.

If you demand the **FAIRYCYCLE** (*Regd. Trade Mark*), you will get them, but look for the Triangle Trade Mark and the word FAIRYCYCLE on frame.

"***Be particular in this.***" Insist on seeing the celebrated Trade Mark on the Fairycycle and on all your toys. It is a guarantee of ***Quality and Value*** and of British Manufacture.

Also Supplied on Pneumatic Tyred Tangent Spoke B.B. Wheels.

Wholesale only from

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GAMAGES

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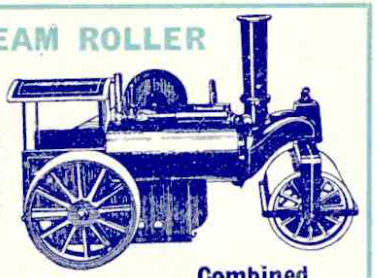
Come along and see for yourselves the splendid things on show at Gamages. But if a personal visit is impossible, write for a catalogue (mentioning in what you are interested) and we will send you one free. You can then send your order by post—you'll not be disappointed.

MODEL STEAM ROLLER



As sketch, with brass boiler, matt finish, oscillating brass cylinder, safety valve, steam whistle and solid flywheel. Reversing gear for running backwards or forwards. Height to top of chimney 5⅞ins. Diam. of boiler 1½ins.

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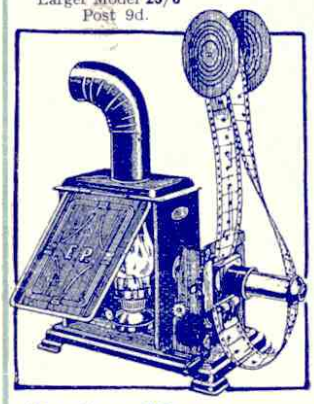

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Height including Chimney	Supplied with Films	Supplied with Slid's	Prices with Oil Lamp
7 ins.	1	1	*5/6
11 ins.	1	1	*7/6
11 ins.	3	3	*12/6
13 ins.	3	6	21/–

*Post 9d.

Extra Films, 36 ft. **1/–**
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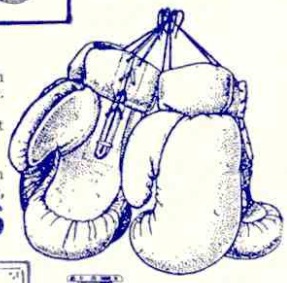

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Boys' per Set **13/6** Post 6d. Youths' per Set **14/6**

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Larger Sizes **7/9, 10/9, 15/9, 22/6, 35/–, 42/–**

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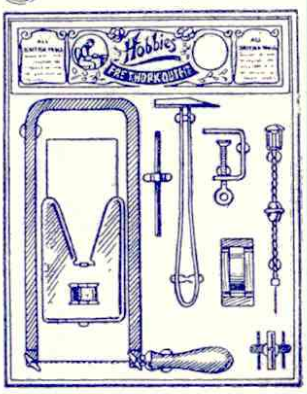

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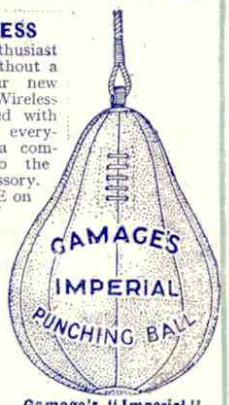

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