

好望建造模 NEW SYSTEM - HAO WANG (GOOD HOPE). Mick Burgess kindly passed on the manual for the 00 Outfit of this Chinese system. The only name on it is the one above in Chinese characters, so the question arose as to what it should be called, and Don Redmond and a colleague of his have provided advice and the necessary translation. The Chinese characters (ideograms) can be romanized, that is, shown as the phonetic spelling of the sounds of the words for which the characters stand; the first 2 characters, from the left, are HAO WANG (pronounced How Wong) when romanized and mean GOOD HOPE, and the final 3 mean CONSTRUCTION MODEL(S). The 'S' is in brackets because there is no plural form in Chinese. The Manufacturer's name is also on the cover, and it translates as 'Joint Private and State Company Good Hope Construction Models for Educational Purposes.' An address in Shanghai is given later in the manual and an aftersales service phone number - 61632.

There is no date given anywhere but the mention of the Private/State Company indicates post WW2, and it has to be after 1954 because some of the models are straight copies from the 1954-61 series of MECCANO manuals.

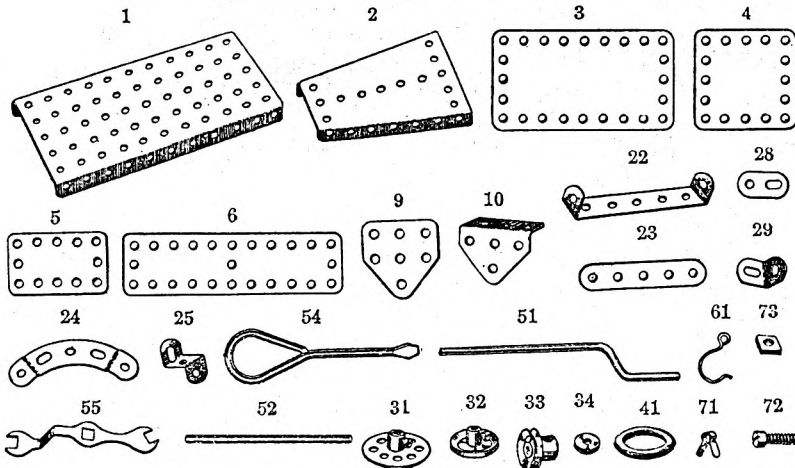
The Illustrated Parts List in the manual is reproduced below, reduced in size; the Footnotes explain that there are other sizes of some of the parts shown. The 7-hole Flanged Sector Plate and the Trunnions look much like the parts in the current Chinese WISDOM, CONSTRUCTION MODELS, CONSTRUCT-O-STEEL sets, so maybe HAO WANG was their forerunner. Don has pointed out that the 3 ideograms meaning Construction Model(s) also appear on bilingual CONSTRUCTION MODELS and CONSTRUCTION MODEL WISDOM manuals, but Good Hope does not appear, and the style of the introductory material is not the same. Whether the hole spacing is the MECCANO 12.7mm or whether it's the WISDOM etc 12.5 is not known. Not all the parts shown are used in the #00 Outfit and no doubt the others are included in larger sets. A #74 is included in the Set Contents but not in the Parts List; it turns up in the Parts Required for some of the models and it may be Cord. The contents of the #00 Set are quite similar to those of a 1920s MECCANO #0, plus a few parts introduced more recently.

It has already been said that some of the models are 1950s MECCANO vintage, and the rest are from earlier MECCANO manuals. All are rather dark reproductions of the MECCANO illustrations, so they show MECCANO style Trunnions, etc, and the numbered pointers that referred to explanatory notes in the originals are still there, though no Chinese explanations are provided. The Parts Required though have been rejigged to reflect the HAO WANG Part Nos. 97 models are included and some of them date back to the 1920s. One 'early' and one 'late' model are shown below.

EXTRA PAGES FOR MCS: HAO WANG: X1.1,2,3/4/6,5. [2 Sheets]

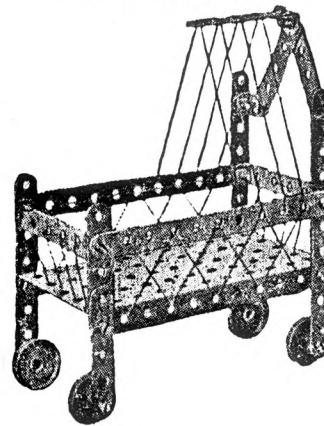
[Cont. >]

本建造模另件圖樣及編號



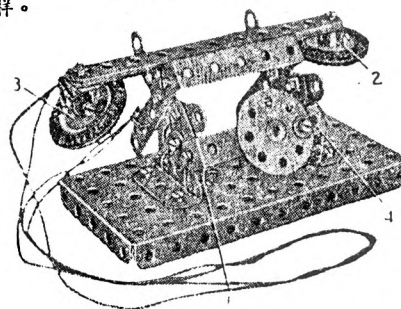
- 附註：1. 20、21、26号零件与23号零件相似，僅洞眼数目不同，故不列圖樣。
 2. 30号零件与31号零件相似，僅少一軸心。
 3. 53号零件与52号零件相似，僅短些。
 4. 各零件编号以此為範本。

00.22 嬰兒床



- 所需零件
 1号零件 1
 20,, ,, 4
 22,, ,, 2
 23,, ,, 7
 29,, ,, 3
 32,, ,, 4
 72,, ,, 18
 74,, ,, 1

00.84 電話



- 所需零件
 1号零件 1
 9,, ,, 2
 10,, ,, 2
 20,, ,, 4
 22,, ,, 2
 23,, ,, 2
 24,, ,, 2
 29,, ,, 2
 31,, ,, 1
 32,, ,, 2
 41,, ,, 2
 72,, ,, 18
 74,, ,, 1

公私合營 好望教育建造模型工業社編印

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MANUFACTURER'S NAME AND ADDRESS

AMENDMENTS TO INDEX IN OSN 6 NAME: HAO WANG. TYPE: CH. CY: CN. THREAD: SPCE: 12.5e. dST: DAXL:

SUMMARY OF MANUAL. #Name: HAO WANG. #Details of maker: From Shanghai. #Dates &/or Ref Nos: None. #Page size: 195x132mm deep. #No of pages: 32 inc unnumbered covers. #Language: Chinese. #Printing: All illustrations are halftone. The cover is brown on fawn; otherwise reddish-brown on off-white. #Page Nos of Parts List & highest PN: 31.73. #Page Nos of Set Contents & highest PN: 3.74. #Sets covered: 00. #No of models for each set: 97. #Name, Model No, Page No of first & last model of each set: [Equivalent MECCANO names are given] Flat Truck, 00.1, 4; Double Arm Signal, 00.97, 30. #Other notes: None.



ELECTRIC Erwin Wyss has sent a photocopy of the cover of the manual from a Set he has, together with the Illustrated Parts List and Set Contents, and one or two details about it. The cover (below x.8) is rather charming I think, it dates from 1932 and has no Set No., probably at that time it was the only outfit available, with the #1-3 and A and B, mentioned in MCS, coming later. It is noticeable that the typeface used for ELECTRIC is different from that on the MCS #3 cover. The Parts/Contents are identical to MCS p3/4, and the contents of #3, to which most of the MCS entry relates, are listed there on p6.

On the parts Erwin wrote that the thread is 5/32" BSW and that the metal parts are nickel plated. He also amplified the address given in MCS, Sachs is near Meissen in Sachsen [Saxony].

AMENDMENTS TO MCS (as necessary, depending on version)

COLOUR: Metal parts nickel plated. PERIOD: c1932 to 1940s. MANUFACTURER: Bohmer, Hoffman & Co., Sachs, Near Meissen, Sachsen. Germany.

AMENDMENTS TO INDEX IN OSN 6: THREAD: 5/32W.

Dies Büchlein weist den Weg vom einfachen Stabmagneten zu den Maschinen und Apparaten der Elektrotechnik.

ELECTRIC

Nicht sinnloses Basteln, sondern planmäßige Versuche führen zum Ziel

Dies Büchlein gibt die Anleitung zum Anstellen von **60 elektrischen Versuchen** und zum Bau von: **40 elektr. beweglichen Modellen.**

mit dem **Electric-Baukasten**

M Br.

A BILT-E-ZE FLANGED PLATE. This Set is only in MCS/FB. The Parts List there makes no mention of a Flanged Plate, there is an 11x5 Hole Panel but the models show this to have only peripheral holes. David Martin though showed me recently an 11x5 hole Flanged Plate, fully perforated except for the centre 5 holes of the middle long row, which has BILT-E-ZE stamped on the inside of the blank area. It is flanged on its long sides and all the holes are round, of .162" diameter; the hole spacing is 1/2" but is slightly irregular, and it is painted a light/medium red.

ITEMS FROM LETTERS

1. From Don Blakeborough: • Some notes on the New Zealand **LEDOM / MODEL ENGINEERING** systems. Three Sets have been examined, a No.0 and two No.2's. (Penciled on the No.0 box is 37/6d.)

The Axle Rods are 3.25mm dia and have deburred, sheared ends. The holes in the steel Clips that clamp the Rods are about 4mm dia (MECCANO Axles will not quite fit into them). There were no N&B in the Sets seen. The brass Adapters (Couplings) measure $\frac{3}{4} \times \frac{1}{4}$ " (double) and $1 \times \frac{1}{4}$ " (triple) and their holes are in the range 3.3 to 3.35mm; they are double tapped $\frac{5}{32}$ " BSW with roundheaded ($\frac{3}{16}$ " dia) brass Set Screws, $\frac{1}{4}$ " long u/h.

The 1" Pulley, $\frac{9}{16}$ " fixed and loose Pulleys, and $1\frac{3}{8}$ " Hub Wheel (8 hole Bush Wheel), are also all turned from solid brass; their bosses are 10mm dia, 7mm long, and are again double tapped with brass cheeseheaded ($\frac{3}{16}$ " dia) Set Screws, $\frac{3}{16}$ " long u/h.

The tinplate Road Wheels, pressed in two halves, are $1\frac{7}{8}$ " dia by $\frac{11}{16}$ " wide, with 3.5mm centre holes. The Hook is made from 1.3mm brass wire with a small eye above the bottom $\frac{1}{2}$ " dia part circle.

- The following data to fill gaps in the OSN 6 List:
 - **CLOU** ('matchbox' set) - the hole pitch may be 8.3mm.
 - The diameter of **AMB** Axles is 3.95mm.
 - **MAC ET NICK**. Axle dia 4.15mm, and thread $\frac{1}{8}$ "BSW.
- On the **classification of parts**, "I have listed my MCS parts in a data base. The headings are (1) system; (2) material; (3) type; (4) form; (5) prefix; (6) No.; (7) suffix; (8) (Meccano) name; (9) space; (10) dia; (11) length; (12) width; (13) size; (14) thread; (15) holes; (16) colour; (17) notes/special features; (18) stock; (19) largest set; (20) odd features. I find it well suited for sorting the parts in any chosen order and for example, if I was looking for a green Perforated Strip with 13mm spacing and 4.0mm dia holes, I could sort by any or all of (16), (9), (15). However, I am not able to sort in, for example, the different types of Flanged Sector Plates. This may need to be set up in a second data base, with a third for Trunnions. Both of these parts can be found with different styles. The system I'm running is a 486, IBM compatible, 345mb HD, and I use a Works database. I started to run out of memory, so split the database into various data files depending on the spacing, for example."
 - "I believe I have **HAO WANG** (8/182) parts Nos.1,2,9,10, plus a 5*3h Flanged Plate not listed in OSN. All these parts are light blue and have 4.5mm dia holes at 12.5mm pitch. The holes in the base of the Trunnion are slotted." [Don kindly sent over a Flat Trunnion and at first glance I would have taken it to be a **WISDOM** part, but it is actually slightly larger all round, $37\frac{1}{2}$ mm across against 36mm. The **WISDOM** Trunnion too has slotted holes in its base.]

2. From David Hobson: • **STABILA** (13/343) is the subject of UK Patent No.360314; it was granted to F.Walther of 60 Harzer Strasse, Berlin, and the date of the original German Patent was Feb 27, 1930.

- **UK Patents** (12/305) - it's worth adding that prior to the 1919 Patent Act the term of a UK patent was 14 years, thus Hornby's general patent of 1901 would have expired on 8 Oct 1915. In 1915 the term of a patent in most European countries was 15 years, but 20 in Belgium and Spain; in Canada it was 18 years and in the U.S.A., 20.
- On **MULTIMOTEUR** (12/304,13/360), the inventor seems to have been Maurice Latour (mentioned in OSN 12), according to two UK patents in his name, 181020 (1922) and 411289 (1933). Convention dates are given (4 June 1921 and 6 June 1932) so there will be corresponding

original French patents. Both Patents are concerned with electrical machines to be used as toys or for demonstration purposes, which can be made using a limited number of standard parts. The approach seems to have been systematic and logical and for example, 13 different devices are listed in 411289 which can be constructed using 12 notches on the rotor and on the stator. These include dynamos, alternators, rotary converters, and various single phase and 2- and 3-phase motors.

- The **TRIX** connection with **X-ACTO** wasn't confined to the U.S.A. (see 12/331). In a 1957 *Hobbies Annual* there is an ad for **TRIX X-ACTO Hobby Knives and Tools** Hobby Knives and Tools, and readers were invited to send for illustrated leaflets from Trix Ltd., 11, Old Burlington Street, London, W.1.



- And some thoughts following Tony Matthewson's comment about UK **TRIX** A/Gs being aluminium (13/361). The Flanged Base Plate, E1, in my prewar Gears set is steel, and seems to be tinplated rather than having the zinc finish found on most steel parts; the postwar 'E' and 'G' Units I have contain both steel and aluminum versions of this part. Perhaps Tony would know if there was a specific point at which the change of material occurred, and if so when. In my unpainted **TRIX** parts there are 25 steel and 25 aluminium E1's. The later blue painted ones are all steel and like some of the other painted parts, seem to be nickel plated under the paint. Perhaps this gave more reliable paint adhesion than the usual finish.

Out of curiosity a check on my accumulation of several kilos of **TRIX** with a magnet (to the eye, some of the better zinc plated parts look identical to aluminium ones), gave 61 aluminium parts (1xF13 and 28xF9 Strips; 14xP29 Discs; 5xW10 and 13xW16 Washers). This represents only a very small proportion of the total but indicates that at some time, some parts were supplied in aluminium. Perhaps this was in the immediate post-WW2 years when there was a shortage of steel, and indeed, when the aluminium A/Gs were introduced.

- For the record, the UK Patent covering the **GILBERT NEW WHEEL TOY** (8/198) is 140101 with a Convention Date of 11 March 1919, but there is nothing in it that wouldn't have been expected. The note on **GILBERT RIDE-IT ERECTOR** (13/360), brought to mind a comment in the 1983 Heimberger House book *A.C. Gilbert's Heritage*. Under 'The Beginning of the End' on p139 he says, "Another 'new' idea for 1965 was 'Ride-em Erector' with gigantic parts to build any of the five toys that the boy could then get on and ride. This idea didn't work. A boy small enough to ride the toys was too small and too young to put it together. They should have checked the company archives. A.C. tried this idea prior to 1920 and it didn't work then either, and for the same reason." Presumably 'Ride-em Erector' was a slip of the pen. There's a similar comment on p23 in *Greenberg*, quoted in 9/219, about the '1919 Gilbert Outdoor Wheel Toy'.

- Still on **ERECTOR**, I noticed at a recent toy fair what appeared to be a new Greenberg reprint of a **1934 ERECTOR 'How to Make 'Em' manual**. It had a price of \$10 printed on the cover and I wondered if in fact it is a recent publication.

- Some of the Slovenian **METALLICO** sets (see 13/336) were available before Xmas from Kittle Hobbies, 24 Pennard Road, Kittle, Swansea, SA3 3JS; tel: 01792 232508. The range of outfits that were in stock isn't sure but a No.4 was £37 and a No.10, £66. Early in January all the No.10's had been sold and it wasn't known when new