

photo above the parts are attached to a yellow card by thin white cord. ARWILL | CONSTRUCTION SET is printed in black on the card but it is mostly hidden by the parts. The N&B are in the light brown envelope, 82*47mm.

Compared with the parts seen earlier the obvious difference is that those that were green or blue are painted black. Notes on other differences between these parts and those in OSN 29 follow.

- The holes in the 4h Strips are about 4.1mm, those in the 8 & 12h are 3.9mm.
- The 8 & 12h strips are about 12.9mm wide as before but the 4h are only 12.1mm.
- The Nuts are square and the Bolts have a dull greenish finish. Their dimensions are unchanged.
- The Screwdriver is 91mm long and 26mm wide. It and the Spanner are 1¼mm thick.
- The Discs are 25.8mm Ø.

ARWILL: S3 [41/1230]

7. **Snippet. A SUNNY TOY Set** Two SUNNY TOY sets, both with BUZ BUILDER parts, but of distinctly different character have been noted previously in OSN. Details of one with coloured parts were given in 36/1069, and a simpler set, probably earlier, with parts shrink wrapped onto a backing card, was mentioned in 19/542. The example below, recently offered on Ebay, seems to be of the second type although the parts probably sit behind a formed cover. It was said that models were shown on the back of the card. Apart from Strips the parts that can be seen are 2 each of the characteristic BUZ Trunnions & Flat Trunnions, 4 Loose Pulleys, a Crank Handle,



and some red parts with the N&B, probably fibre Axle Stops. As can be seen the metal parts look to be nickelled, a finish noted in 40/1208 for those in an early BUZ No.1 outfit.

SUNNY TOY: S2 [41/1230]

8. **Snippet. 'New' German System: MIKLA** The Ebay photo is shown in the next column. The slogan under MIKLA 303 means 'The Building Set for Young and Old' The main parts bottom left on the lid are a wooden Rod, and a U-Clamp.



The latter appears to take 2 Rods at right angles, presumably held by friction alone because, as can be seen from the actual parts in the box, there seems no other means of tightening the Rods against one another. Also on the lid what looks like a Bolt, though its purpose is unclear, and a sleeve which, shown dark against the light Rods in the Bridge on the lid, no doubt acts as a Rod Connector.

In some respects MIKLA reminds one of the American MAKUMAL (see 18/519). However the MAKUMAL Clamp has a Set Screw to hold the Rods positively, and it has slotted sides which also allow Rods to be parallel to each other. Unlike MAKUMAL there are no Pulleys in MIKLA, at least not in this set.

No indication was given as to the size of the MIKLA parts, the Ebay ad said only that the Set was from the 1940s.

MIKLA: S1 [41/1230]

9. **Snippets. FERMO Parts** Two sets have been seen on Ebay since the account of this German system based on Triangular Plates appeared in 27/784. In both the largest Triangular Plate was like those in the Manual with no cutout and 2 holes between the hole in the centre of the hypotenuse and the one in the apex. In one set the parts had the same colour scheme as those in OSN 27, but in the other the Pulley and the black Screwdriver look black and all the other parts a silvery colour.

FERMO: S2 [41/1230]

10. **MULTIMAKE** I have a reference to an item in the 1911 French Printemps department store catalogue for Sets 1 to 6 of a constructional toy called MULTIMAKE. It claimed to allow youngsters to build many different models and to allow them to develop a taste for mechanics. I don't know where the reference came from and I'd be grateful for any more information about it. MULTIMAKE doesn't sound a very French name.

MULTIMAKE: S1 [41/1230]

SMALL AD [41/1230]

For Sale Mike Rhoades has some MCS volumes available. Contact him for details at 137, Fairfield Avenue, Kirk Ella, Hull, HU10 7UW, or Tel/Fax: 01482 650463/658327.

'New System: MULTI-MAKE This account thanks to Jean-Pierre Guilbert. Despite its name MULTI-MAKE is French, made by a company, name unknown, but with the logo right. Under MULTI-MAKE on the lid below: CONSTRUCTION NOUVELLE à Combinaisons illimitées. And a patent was claimed along the bottom of the lid, 'Modèle Breveté S.G.D.G.'

There were 6 outfits and they are described, in an introductory sheet (in French & English) that was with the No.3 set described later, as follows.

The No.6 contained 50m of Rod in various lengths; 5 types



Fig.2



Fig.3



Fig.4

of Connector (40 Double, 85 Straight ('Simples'), 35x 90°; 40 Obtuse; 15 Rod Connectors); 15 Curved Tubes; 70 N&B; & a Spanner. All those parts are in the bottom of the box; in a tray above are 3 made-up fabric items to cover a 'hangar' ('shelter' in the English text); to cover an Aircraft's wing; & to provide a 'housse/enveloppe' for a Speedboat.

Accessories were a Pilot with Seat for the Aircraft or Boat; 2 Axles & 2 Wheels; 2 Propellers & Rubber Motors which allowed the Aircraft or Boat to run out of the Shelter; & Flags for decoration. These may have been in the No.6. Some 30 parts in all.

The No.5 was as the No.6 but with only the covering for the Shelter. The No.4 as the No.5 but without the tray and any of the parts therein.

The Nos.3, 2 & 1 are as the No.4 but with fewer parts, except that the No.3 has a fabric cover for a small Shelter.

The Actual No.3. The box, 46*33.5*3cm, is shown in Figs.2 & 3, with the metal parts again in Fig.4, from a different photo. The Rods are 6mm Ø wood lacquered yellow in 10 different lengths: 4, 5.7, 9, 10.5, 17, 20, 23, 28, 34.5, 37cm. Their PN's are 1-10, with #1 the shortest. The Connectors are aluminium. The Straight Connectors are 7.2/6.4mm o.d & i.d; the Curved Tubes 6.1/5.2. The N&B are brass with a 3mm Ø thread, pitch .6mm. The Nut is hexagonal; the Bolt looks to have a thin, circular head.

Figs.5 & 6 show the 2 model sheets, 25*30cm, that were with the Set. The numbers in the registration mark (if that is what it is) are '812_2290'. The parts in the models are labelled with their PN's (but what are those labelled 'PR'?) and in most the overall dimensions are given. The 'Birdcage' (with the Flag) is 75cm high and the Bed 70cm long (though those dimensions seem rather longer than the parts used in them). But anyway quite good size models, some of them quite elegant, but would they set a young lad's heart a-leaping? Perhaps the Hanger/Shelter is the 'shed' bottom left on the lid.

Dates No firm date is known. The 1911 ad for MULTIMAKE (no hyphen) in 41/1230 has not been confirmed but seems credible with its wording (Fig.7) having echoes of that on the lid. Also there is the '812' in the 'registration'. Otherwise the 1920s has been suggested. One thought, the biplane top right on the lid has a distinctly pre-1914 look to it.

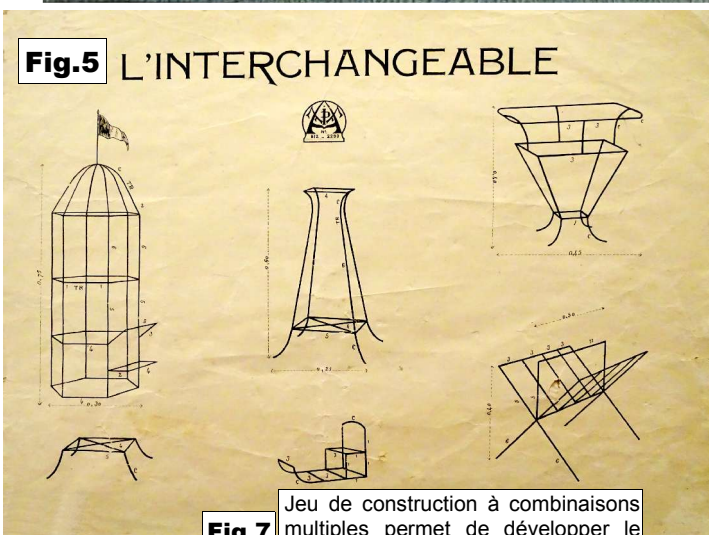


Fig.5 L'INTERCHANGEABLE

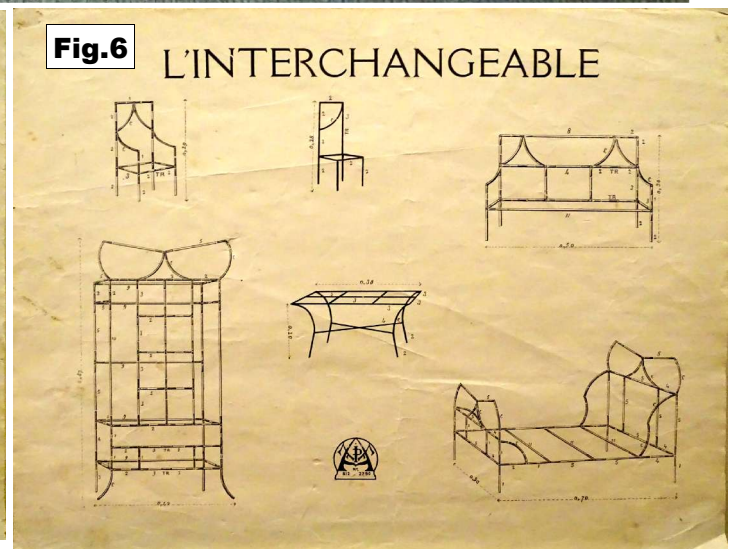


Fig.6 L'INTERCHANGEABLE

Fig.7

Jeu de construction à combinaisons multiples permet de développer le goût de la mécanique aux enfants. - Boîtes de 1 à 6.