

## Building A Gauge O "Aladdin."

By

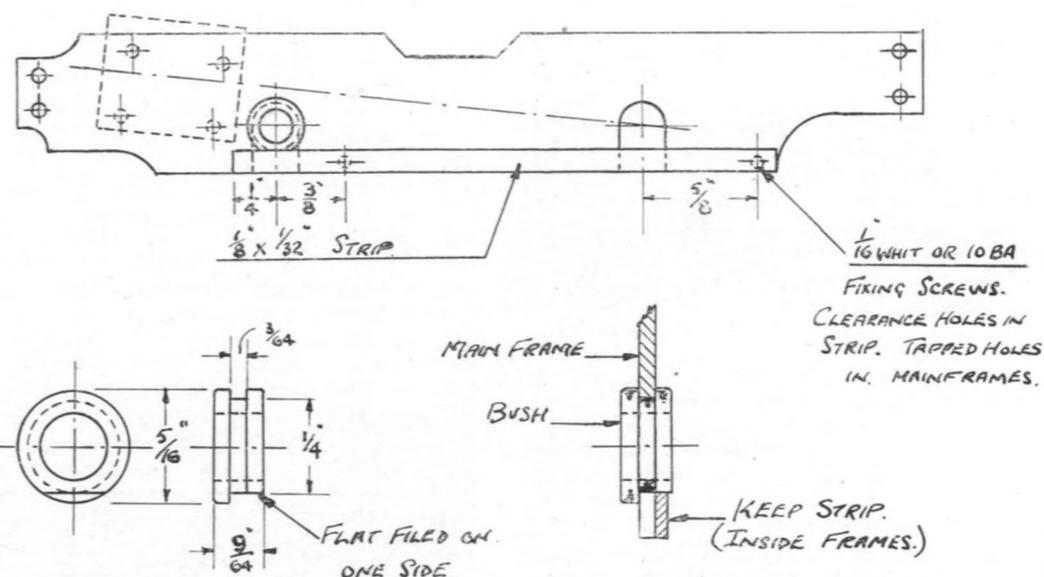
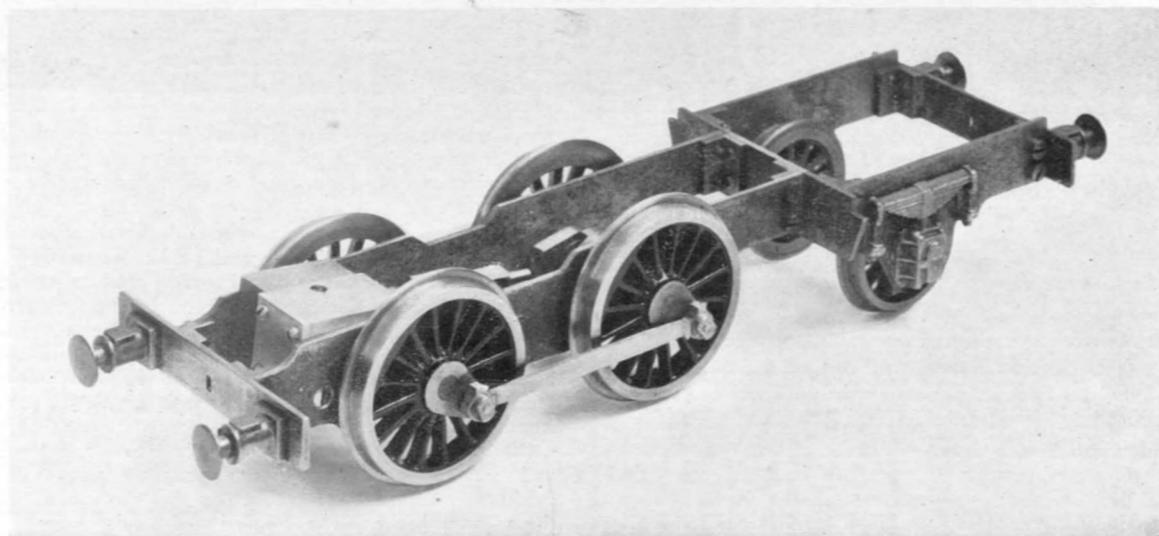
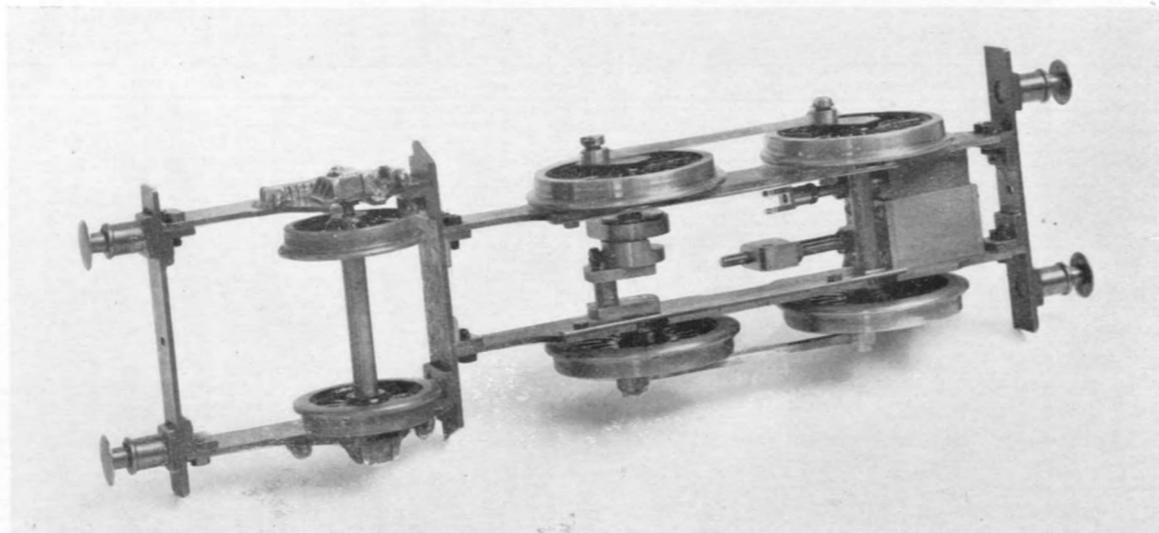
K. S. TERRY.

As readers will note the chassis is rather more advanced than is covered by the articles to date in the *Model Railway Constructor*. I have been closely following the description of the "Gerry" in the 'Model Maker' also by "1121," and as the cylinder block of this engine is identical to "Aladdin's" I have carried on and completed the steam chest, etc.

Before I tapped and drilled the cover fixing holes I tried the cylinder block and steam chest in the frames and found that there did not seem to be enough clearance

between the back cylinder cover and the leading axle for 8BA cheese head screws, so I have used 10BA round heads for all screws in the covers, as in any case these are quite strong enough.

The driving and coupled wheels were originally intended for a L.S.W.R. Drummond tank that was never completed and after these had had the flanges turned off, and steel tyres shrunk on were re-turned up to "Aladdin" dimensions. The trailing wheels are Bond's as are the brass dummy axle boxes and springs.



AXLE BUSH

To enable one to dismantle the loco should the need arise, I have modified the frames and axle bushes slightly, as can be seen by Mr. Dempster's photographs and the

sketch. I have used this idea on my L.M.S. 3F 0-6-0 tank quite successfully as it can be adapted to suit any locomotive if the axles are not sprung.

## A 4 mm. Scale Locomotive Stud.

Part 6.

By A. S. TAYLOR.

G.W.R. 4-6-0 No. 1013 "County of Dorset."

This engine was professionally built for me by Mr. E. N. Nineham of Ringwood and I am delighted with the result that he has obtained. The model is fully detailed including such items as cylinder draincocks, full brake gear, ejector piping, crosshead pump and engraved name and number plates. Power is derived from a Romford

7 pole motor and collection is attained by spring loaded studs working on the inside rims of the driving wheels. Full advantage has been taken of the space available for lead and a fast and powerful locomotive has resulted. The model was spray painted by myself and lined in red and gray by Mr. Eric Longbottom, a friend of mine. He has made a very fine job of the lining and added not a little to the final appearance.

