

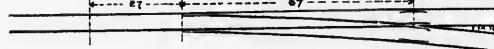
— Fig. 1. —



— Fig. 2 —



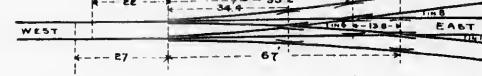
— Fig. 3 —



— Fig. 4 —



— Fig. 5 —



— Fig. 6 —



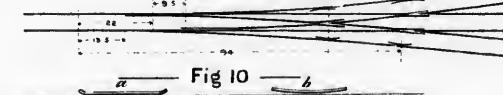
— Fig. 7 —



— Fig. 8 —



— Fig. 9 —



— Fig. 10 —



$$F_1 = 66.6$$

$$L_1 = 40 \text{ (nearly)}$$

This last problem can of course be readily solved by a drawing, but not without considerable construction work and labour.