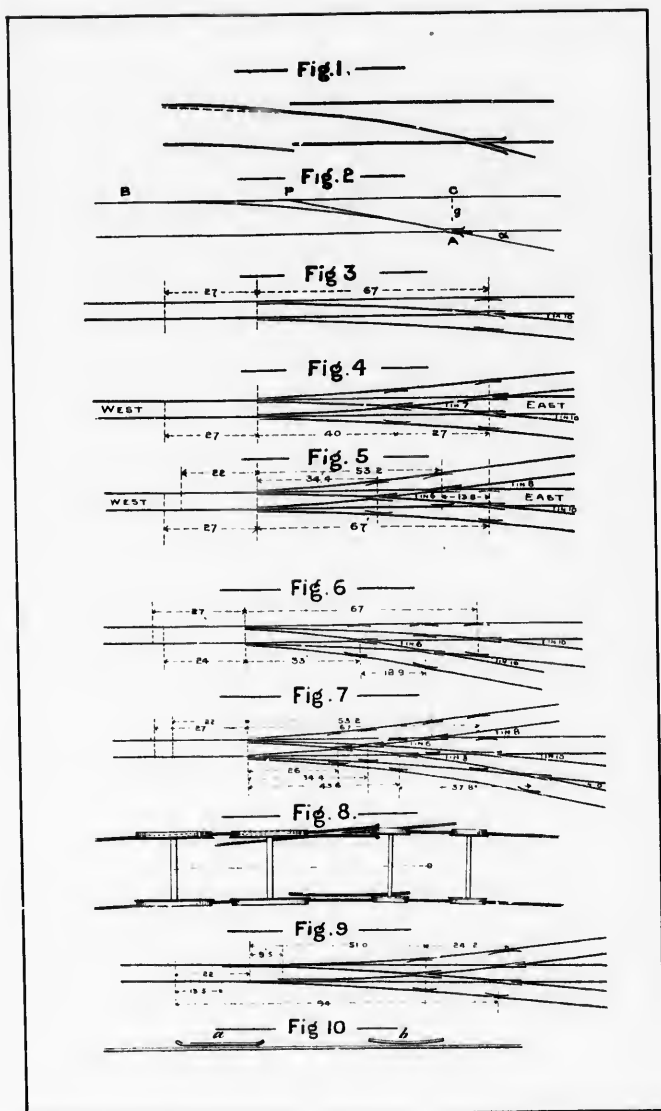




$$F_1 = 66.6$$

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

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