

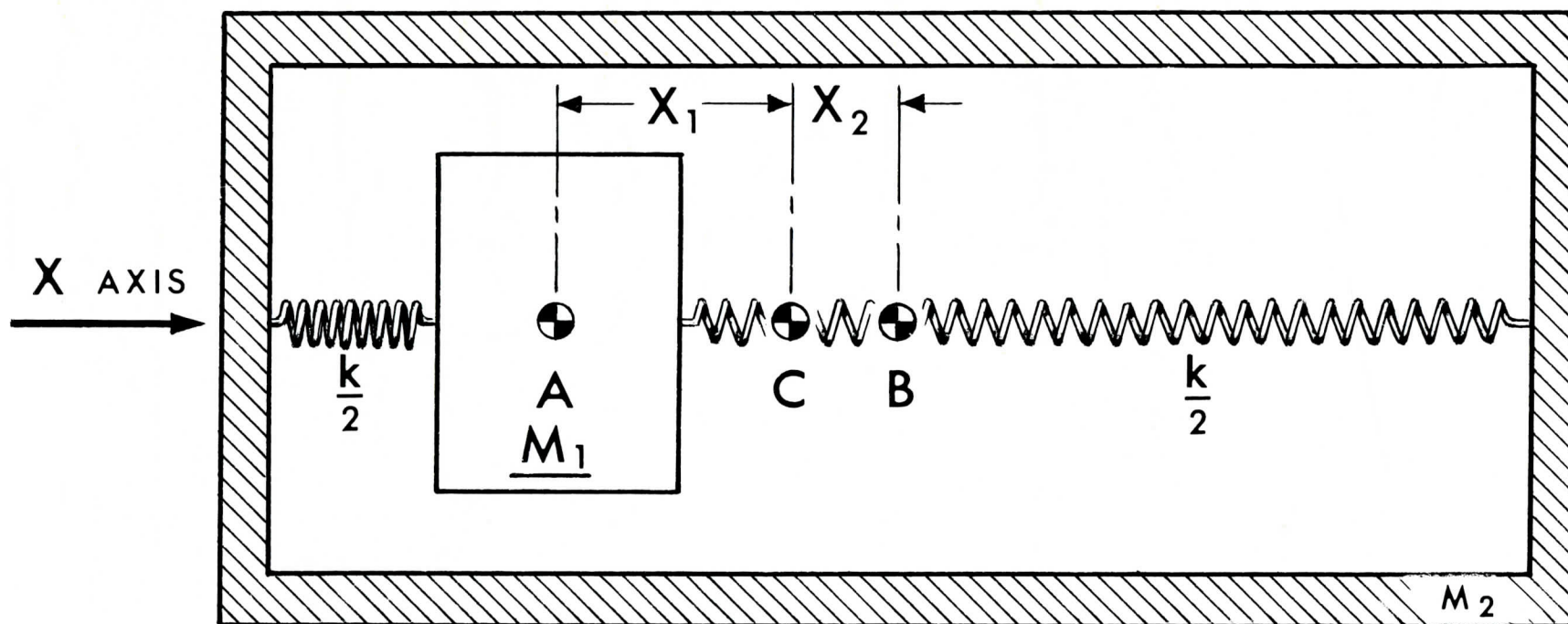


fig. 1.

Basic Linear Oscillator

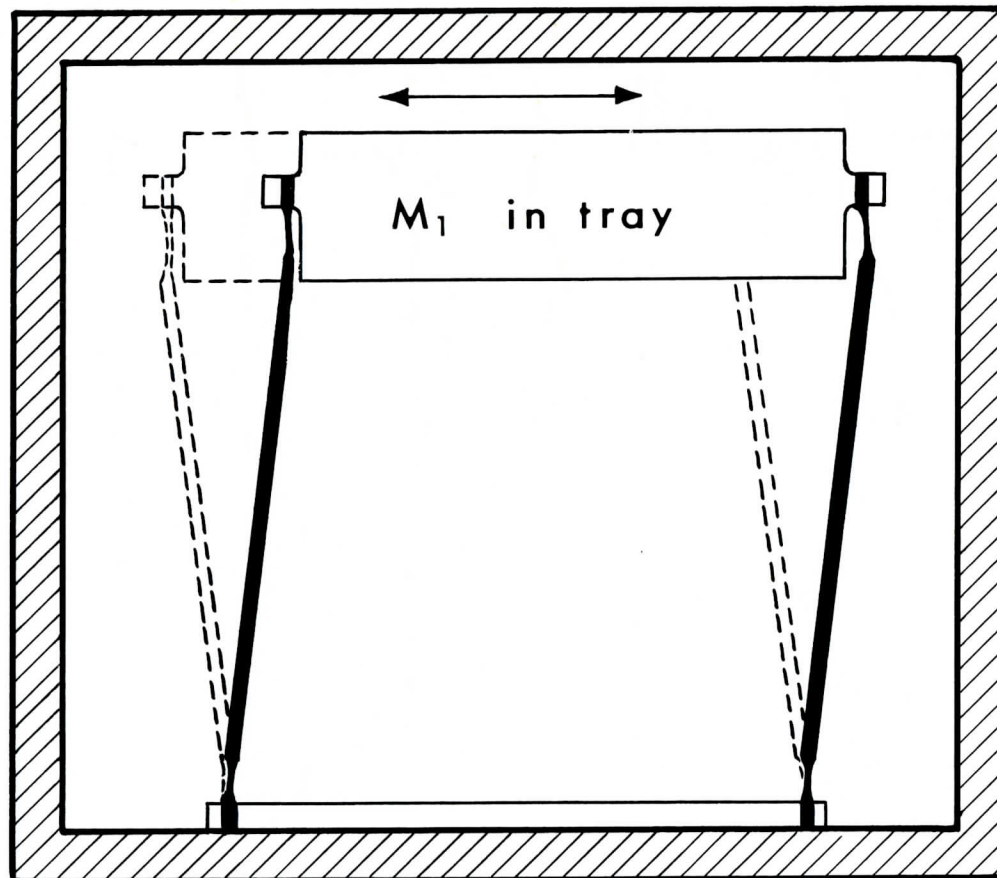
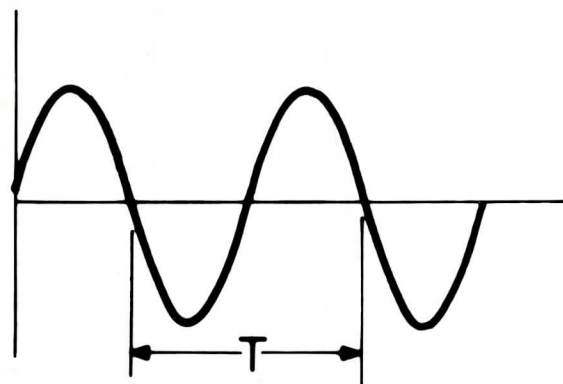
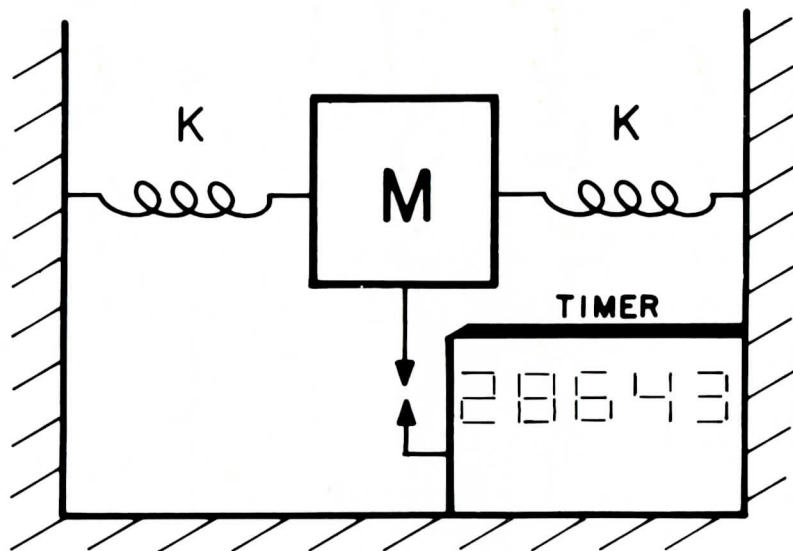


fig. 2.

Plate Fulcrum Oscillator



$$T = C \sqrt{\frac{M}{2K} - F(R, M)}$$

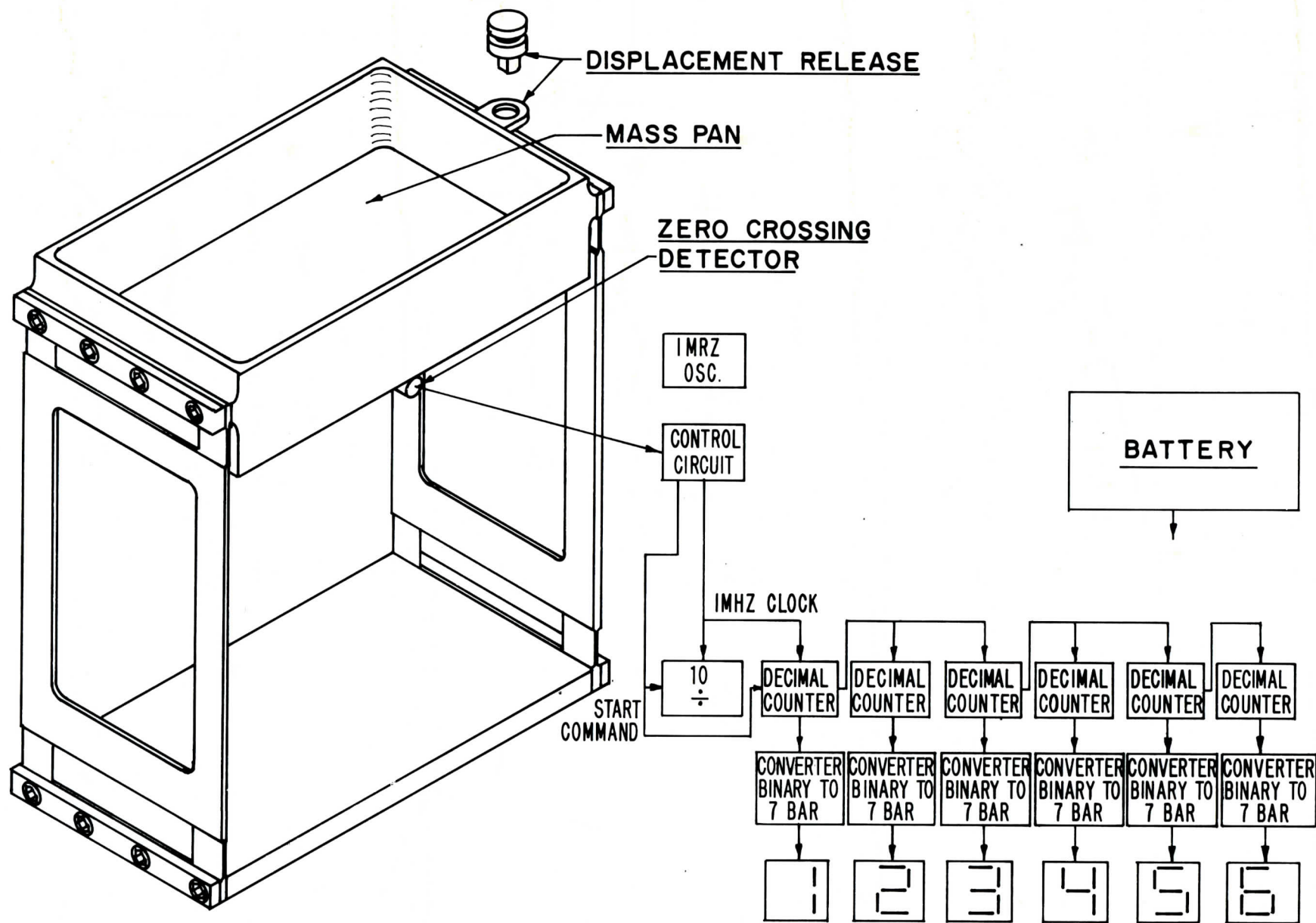


FIG. 4 FUNCTIONAL BLOCK DIAGRAM OF THE ENTIRE PLATE-FULCRA MASS MEASURING SYSTEM