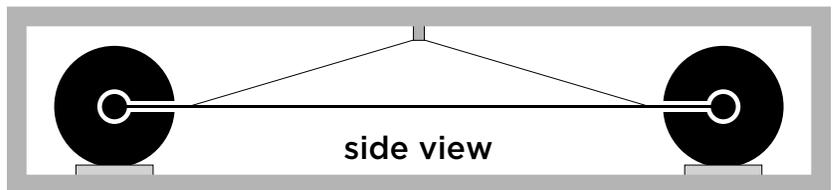
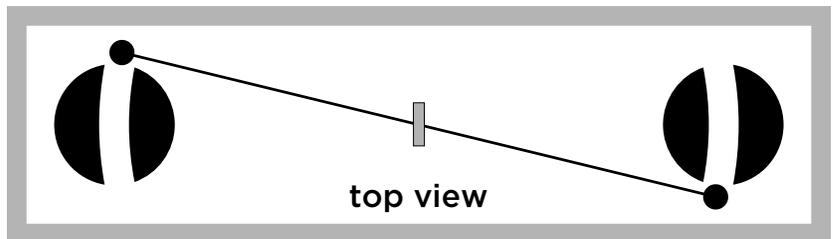


**IDEALIZED
(SIMPLEST)
EXPERIMENTAL
METHOD:
SPHERE IN
OUTER SPACE.**



**PRACTICAL EXPERIMENTAL METHOD:
MODIFIED CAVENDISH BALANCE
IN EARTH-BASED LABORATORY**

Figure 1. Small Low-Energy Non-Colliders—Apparatus Schematics. **Left:** The single source mass method, which resembles Galileo’s original cannonball idea, could be done in an orbiting satellite. A small rotation would need to be given to the source mass so that the hole through its center would remain parallel to Earth’s surface (Moon-like orbit). **Right:** A more practical method would be to use a modified Cavendish balance, whose support system poses the biggest challenge. A fluid or magnetic support would be needed to allow a full range of angular motion with no restoring force. The arced path deviates from the ideal, but suffices to at least roughly answer the prime illuminating question: To oscillate or not to oscillate?