**THERMOPILE USED BY PROFESSOR JOSEPH HENRY** - A thermoelectric battery made of 25 pairs of bismuth and antimony plates. The plates are electrically connected top-and-bottom in a zig-zag manner. Plates are insulated by paper. Heating the pile, from above or below, will generate a voltage. Joseph Henry used this device to explain thermoelectricity as part of his course on Natural Philosophy (1835 - 1846).

(Ref: Daniel Ayres. JR., 1841 – Lecture No. 64 in Student Notebook of Natural Philosophy in Princeton)

(Ref: The Papers of Joseph Henry, Vol. 3 – April 22, 1837)