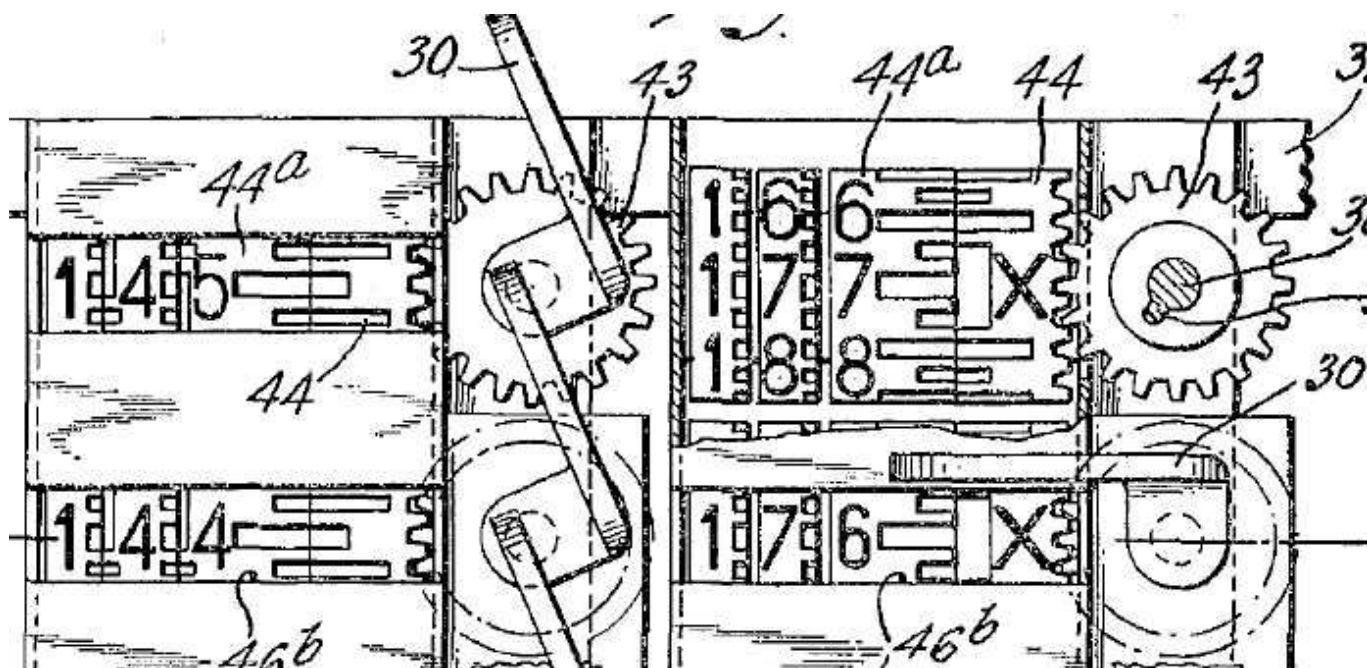




## E-Voter Education Project

### Verification of Vote Casting and Counting Using the Shoup Lever Voting Machine



Source: US Patent #2,054,102, Sept. 15, 1936, Figure #23, Pg. 15 (Filed July, 25, 1929)

**“Verified Voting”** is not a new concept. But voters want to see not only how their votes are **recorded**, but also how they are **counted**. This problem was solved by Shoup in 1929, as shown above.

When the **“X” (44)** appears on the ballot face as each lever **(30)** is pulled by the voter, the master gear **(also 44)** is advanced to increment **ONLY** one counter **(44a)** by one digit. Thus, one vote is added to the tally, and it is **not possible** for that vote to be counted for any other candidate or ballot position.

To emulate this in a reliable and secure way using software is **“NOT POSSIBLE”**, according to the National Institute of Standards and Technology who, with the US Election Assistance Commission, write today’s “certification” standards for voting systems.

3/4/09 -- Howard Stanislevic  
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