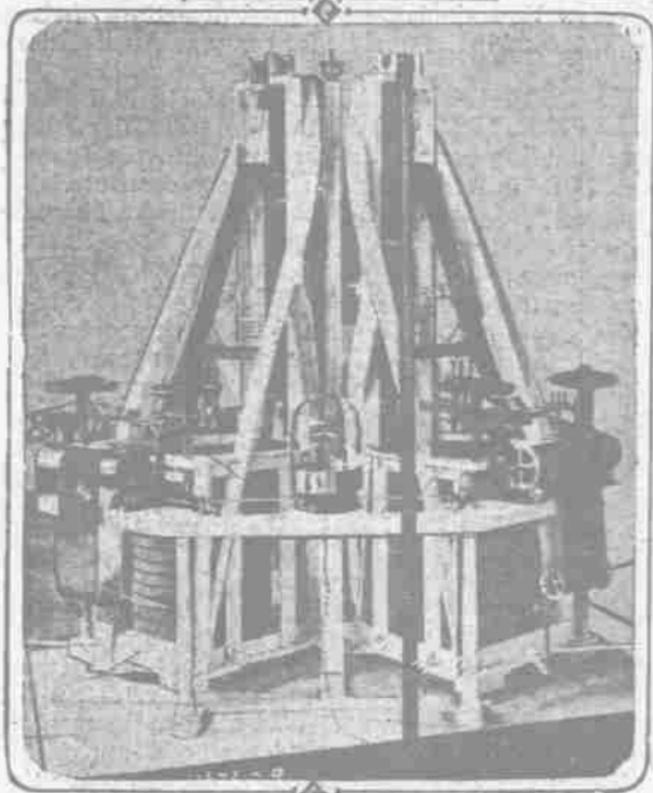


MACHINE TAKES AUTOGRAPH OF AN EARTHQUAKE



Shaking needles on this machine tell scientists where an earthquake occurs and how severe it is.

Measuring, mapping and routing an earthquake has become a very serious business during late years and there have been a number of instruments invented for the purpose.

The measurements are made by the earthquake itself causing delicately hung needles and weights to shake in different directions.

At first there were different in-

struments to perform the different operations, but nowadays they combine the work of measuring the number, the direction and kind of shakes so that the average earthquake expert, by looking over a few yards of paper tape spurting from the insides of one of these machines, can tell what kind of an earthquake has occurred and give some idea of its