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(54) **Title:** METHOD OF GENERATING ELECTRICAL ENERGY BY IMPACTING PIEZOELECTRIC ELEMENT

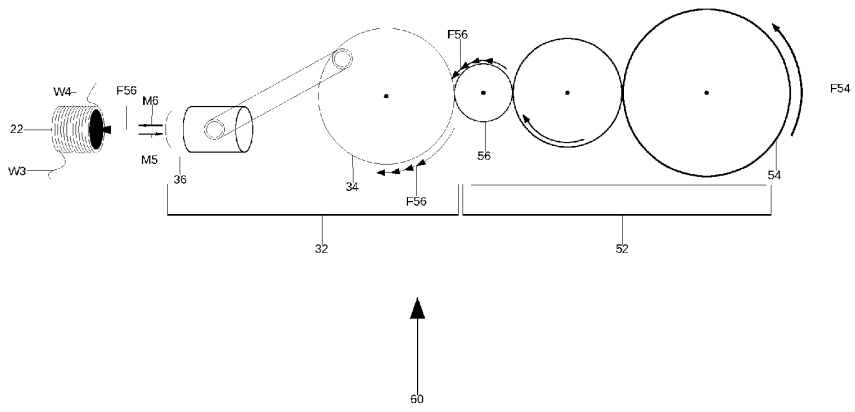


FIG. 6

(57) **Abstract:** The disclosed method of generating electrical energy uses a body (36) set in reciprocating motion (M5, M6) to and from a piezoelectric element (22) such that the body is caused to make impact and apply pressure (F56) on the piezoelectric element, thereby developing electrical charge which is collected as electrical energy from the electrodes of the piezoelectric element. A reciprocating mechanism (32), for example, a crank mechanism including rotating member (34) and reciprocating member (36), to convert rotating motion into reciprocating motion, and a gear train (52) for changing input rotational speed, can be included.