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(54) Title: METHOD AND SYSTEM FOR DETECTING EARLY KNEE OSTEOARTHRITIS

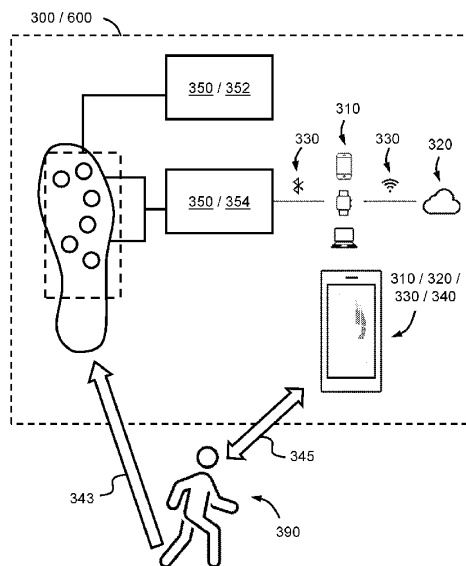


FIG. 2

(57) Abstract: A system to detect knee osteoarthritis (OA) includes a processor configured to identify a presence of early knee OA or an absence of early knee OA, using a data set that excludes pressure values of advanced knee OA. For each of the plurality of selected sectors, the proposed method includes: calculating a change from a reference pressure value for a selected sector to the measured pressure value for the plurality of selected sector; and determining a result based on one or more sets of conditions. Each of the one or more sets of conditions includes any one or more of: the change in at least one of the plurality of selected sectors being a positive change; and the change in at least one other of the plurality of selected sectors being a negative change.

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