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(54) Title: SYSTEM AND METHOD FOR AI-BASED IMPROVEMENT OF HARVESTING OPERATIONS

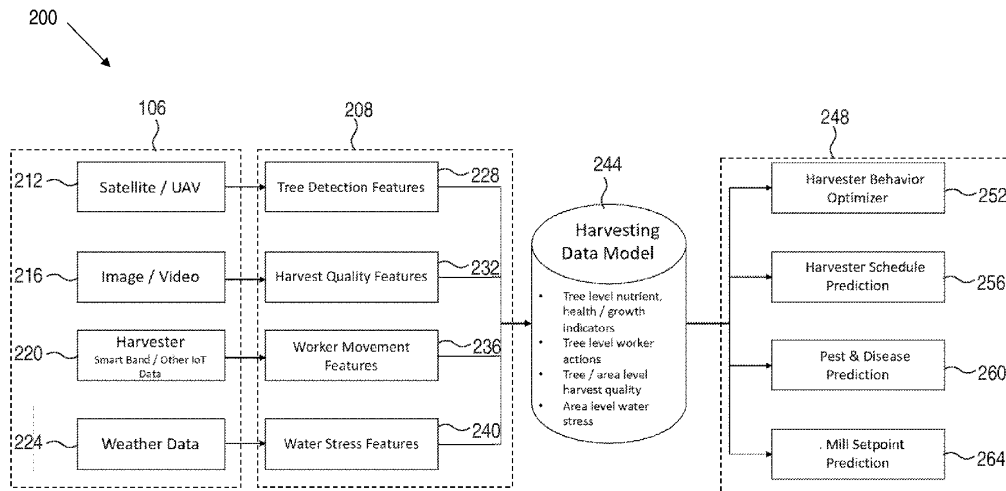


FIG. 2

(57) Abstract: There is provided a computer-implemented method for improving harvesting of crops, comprising collecting data from one or more data sources, extracting one or more features from the collected data, determining a quality grading from the extracted one or more features, generating a harvesting data model based on one or more of the collected data, the extracted one or more features, and the determined quality grading, and using the harvesting data model to determine one or more operational decisions. The method may be employed on a system comprising at least one memory device and at least one processor, or a computer-readable storage medium comprising instructions to be executed with at least one memory device and at least one processor.

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