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(54) **Title:** ASSET MANAGEMENT FOR UTILITY SYSTEM MAINTENANCE

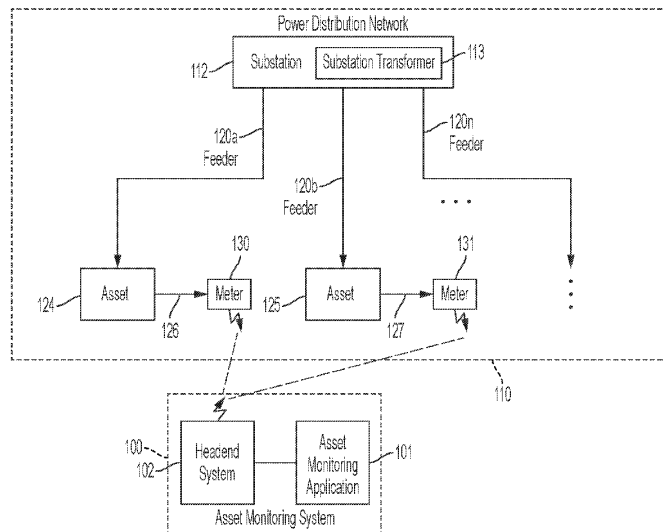


FIG. 1

(57) **Abstract:** A system includes a processor and a non-transitory, computer-readable memory that includes instructions executable by the processor for causing the processor to perform operations. The operations include receiving a query including an asset inventory or maintenance question of an asset of a power distribution network. The operations further include accessing data of the power distribution network that is associated with the asset and applying a forecasting model to the query and the data of the power distribution network that is associated with the asset to generate an asset inventory or maintenance forecast. Additionally, the operations include controlling an ordering operation of the asset or a maintenance scheduling of the asset using the asset inventory or maintenance forecast.

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