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(54) **Title:** SYSTEMS AND METHODS FOR DYNAMIC RELEASE PLANNING FOR INSECT RELEASE

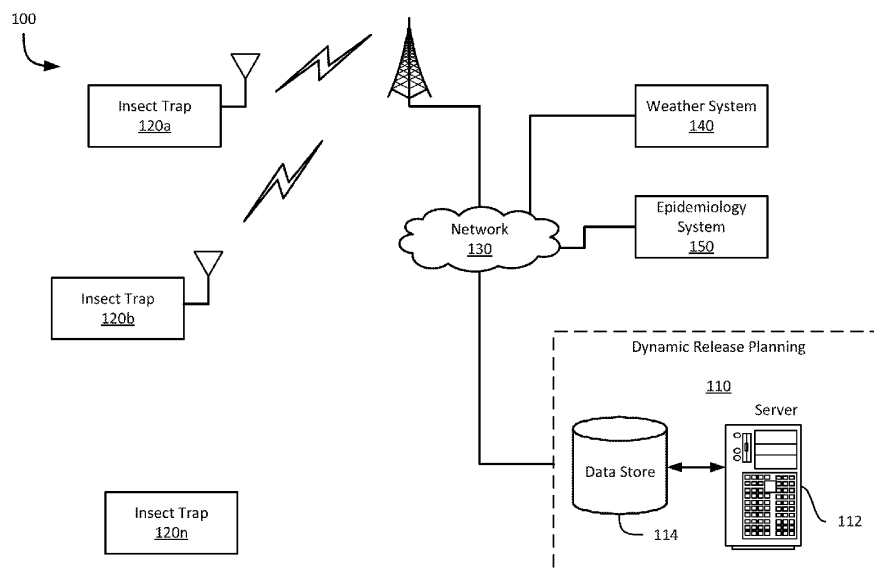


FIG. 1

(57) **Abstract:** The disclosure relates to systems and methods for dynamic release planning for insect release. One example method includes receiving information indicating a population of wild insects within a geographic region; determining a number of wild insects per unit area within the geographic region; placing, based on the number of wild insects per unit area, one or more insect release points based on the number of wild insects per unit area, each insect release point indicating a release of a predefined quantity of insects; and generating an insect release route through the geographic region, the insect release route passing through each insect release point.

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