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(54) Title: IMPROVED WIRELESS INFRASTRUCTURE SETUP AND ASSET TRACKING, AND METHOD THEREOF

(57) Abstract: Systems and methods receive an image of at least part of an environmental layout and at least two geographic feature locations associated with the image. At least two geographic locations are determined, each corresponding to a respective one of the at least two geographic feature locations and a map scale is determined for the images based on the at least two geographic feature locations and the at least two geographic locations. The map scale allows conversion between points on the image and geographic locations. The image and the map scale are used to display a location interface on a client device that allows a user to search the environmental layout for an asset associated with a tracking node, where the location interface graphically displays graphical elements indicative of communication recency between the tracking tag and one or more infrastructure nodes.



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