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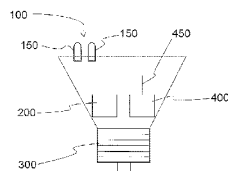
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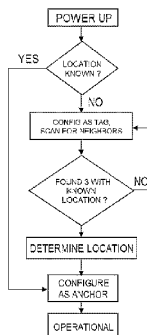
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(54) Title: ELECTRONIC DISTANCE MEASUREMENT AND CORRESPONDING METHOD FOR CONFIGURING AN ASSEMBLY COMPRISING A LOW POWER LIGHT SOURCE

[Fig. 1]



[Fig. 2]



(57) Abstract: An assembly is disclosed combining a low power light source, a distance measuring radio, an electrical storage means and an adapter compatible with an existing socket for a light unit. The unique configuration of the Assembly allows the present invention to achieve its primary objective to provide a means of deploying distance measuring radios in buildings, vehicles and outdoor venues without the need to install dedicated infrastructure such as electrical grid connections. A method is further disclosed of automatically determining the location of a newly installed Assembly by first learning the locations of already installed neighboring Assemblies, measuring the distances to such known Assemblies, and using the distances to determine the location of the newly installed Assembly.

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