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(54) Title: SYSTEMS AND METHODS FOR SECURE COMMUNICATIONS VIA BLOCKCHAIN FOR USE IN IMAGE-BASED PARKING SYSTEMS

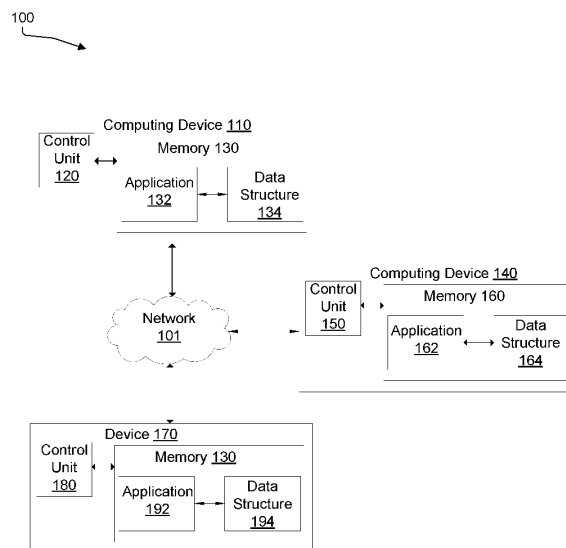


FIG. 1

(57) Abstract: The present disclosure generally relates to blockchain technology and, more specifically, to improved systems and methods of establishing, supporting and securing image-based parking recognition and navigation communications via blockchain systems. In some aspects, the present disclosure provides a process for collecting, using one or more session border controllers (SBCs) and one or more cameras, a set of vehicle data wherein the set of vehicle data comprises one or more unique identification features corresponding to one or more vehicles and wherein the one or more vehicles are located in a parking facility. In some cases, the process can further include steps for establishing, using the one or more SBCs and the one or more cameras, a private blockchain wherein the one or more cameras serve as nodes in the private blockchain and wherein the one or more cameras serve as a gateway for the one or more session border controllers.

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