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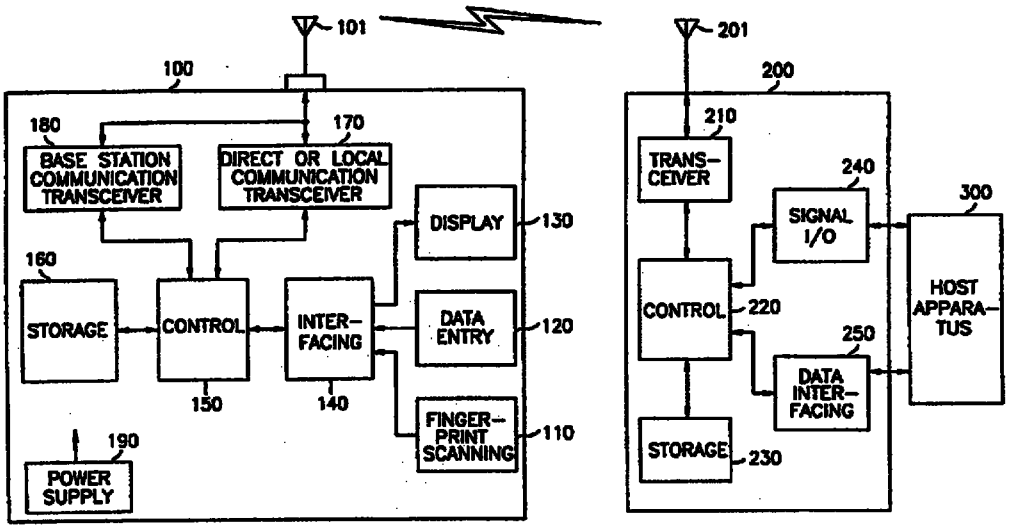
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(54) Title: WIRELESS PORTABLE DEVICE CAPABLE OF PERFORMING VARIOUS FUNCTIONS WITH ENHANCED SECURITY



(57) Abstract

A wireless communication system includes a multi-functional portable device and more than one host systems so as to accomplish various functions. The portable device performs at least one specific function with a host system and the host system has a transceiver and a host apparatus. Specifically, in order to achieve the purposes, the portable device includes a storage unit for storing at least a portion of information required in performing the specific function and a transceiver unit for transmitting the information to the host system in a form of an encrypted signal. The transceiver includes a control unit for decrypting the encrypted signal to reconstruct the information and a data interfacing unit for providing the reconstructed information to the host apparatus.