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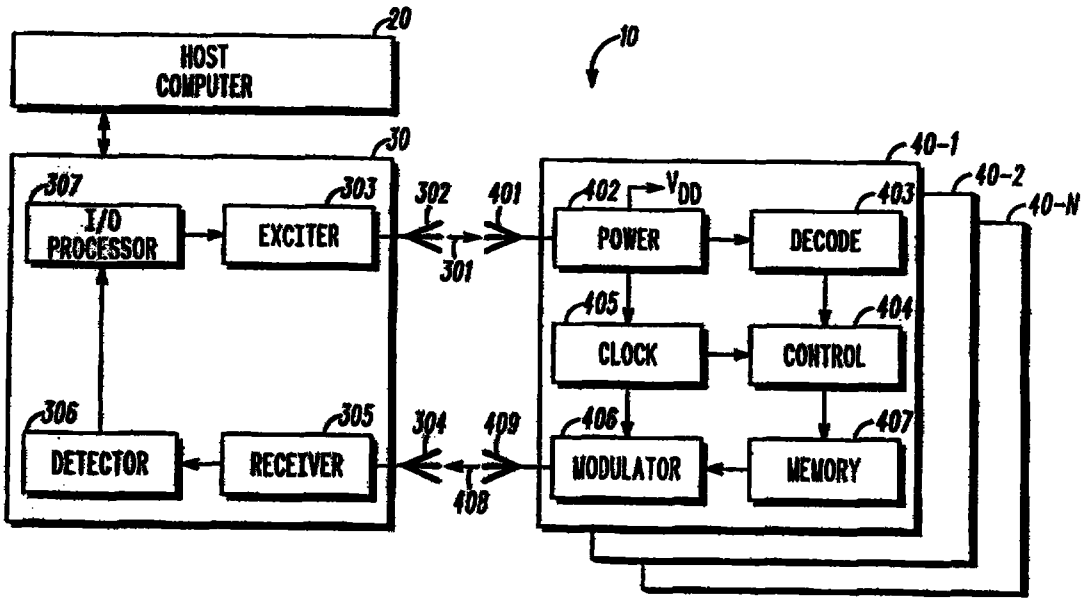
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(54) Title: SYNCHRONIZATION METHOD FOR RFID SYSTEM INCLUDING TAGS HAVING DIFFERENT MEMORY SIZES



(57) Abstract

A synchronization method for an RFID system (10) including tags (40–1 to 40–n) having different memory sizes, employs a convention wherein sync words and sync bits are stored in tag memory (407) among data bits so that a reader (30) may readily identify the sync word on an RF signal (408) transmitted by a tag (40–1) and serially modulated by repetitions of the contents of the tag memory (407). After identifying the sync word, an RFID reader (30) reads data bits following the identified sync word until a next sync word is received, while ignoring the sync bits interspersed among the data bits.