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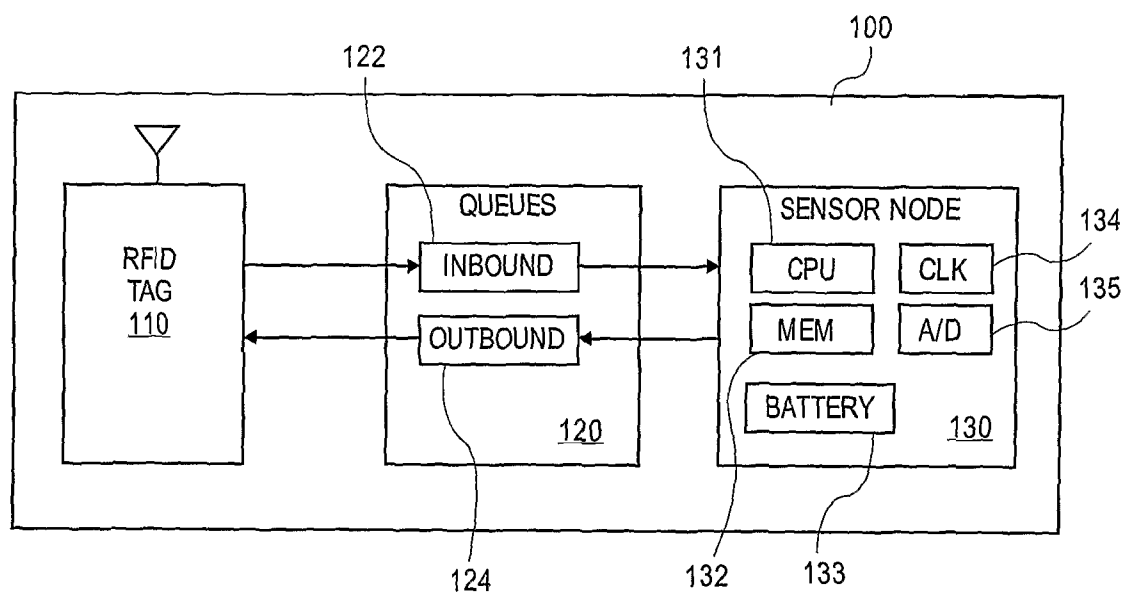
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(54) Title: SENSOR DEVICES WITH RFID COMMUNICATIONS



(57) Abstract: A sensor device may use battery (133) power to operate a sensor node (132) by taking sensor readings and transferring data into or out of a set of queues (120). A radio frequency identification (RFID) tag (110) may be used to wirelessly communicate data into and/or out of the sensor device without using power from the battery. The sensor node may be placed in a low-power mode without respect whether the RFID tag is communicating. In some embodiments, the sensor device may be used as a store-and-forward node for other devices by placing data received from one RFID reader into the set of queues and later transmitting the data from the set of queues in response to a poll from another RFID reader.