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The diagram illustrates a network architecture with the following components and connections:

- 104 CELLULAR PROVIDER:** Represented by a tower icon. It is connected to the **102 BATTERY-POWERED CELLULAR DEVICE (E.G., USER EQUIPMENT, UE)** via a radio link (106) and to the **114 INTERNET** via a bidirectional connection (108).
- 102 BATTERY-POWERED CELLULAR DEVICE (E.G., USER EQUIPMENT, UE):** A rectangular box representing the user equipment. It connects to the **110 CELLULAR MOBILITY MANAGEMENT ENTITY (MME)** via a bidirectional connection (112).
- 110 CELLULAR MOBILITY MANAGEMENT ENTITY (MME):** A rectangular box representing the MME. It connects to the **114 INTERNET** via a bidirectional connection (116) and to the **118 MME API** via a bidirectional connection (118).
- 114 INTERNET:** A cloud icon representing the Internet. It connects to the **104 CELLULAR PROVIDER** (108), the **110 CELLULAR MOBILITY MANAGEMENT ENTITY (MME)** (116), and the **120 CELLULAR INTERNET OF THINGS HEADEND** (122).
- 118 MME API:** A smaller cloud icon representing the MME API, connected to the **114 INTERNET** and the **110 CELLULAR MOBILITY MANAGEMENT ENTITY (MME)**.
- 120 CELLULAR INTERNET OF THINGS HEADEND:** A rectangular box representing the headend. It receives data from the **114 INTERNET** via connection 122.

FIG. 1

[Continued on next page]

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