

## Claims

1. An ~~electronic vapour provision device~~electronic cigarette comprising a battery assembly (8) and a vaporiser (24), where the battery assembly comprises a power cell (10) and a computer (12), the vaporiser is releasably-attachable to the battery assembly and the computer comprises a computer processor (16), a memory (18) and an input-output means (20); wherein when the vaporiser is attached to the battery assembly, the computer is configured to determine whether the vaporiser is attached to the battery assembly and if the vaporiser is attached to the battery assembly to initially remain in a usable mode, and while the vaporiser is attached to the battery assembly, the computer is configured in use to detect when the ~~electronic cigarette device~~ has been inactive for a predetermined inactive time and to leave the usable mode and to enter a sleep mode in response to detecting that the ~~electronic cigarette device~~ is inactive for the predetermined inactive time,  
wherein the predetermined inactive time is the time that has elapsed since use of the ~~aerosol provision device~~electronic cigarette by the user.
- ~~2. The electronic vapour provision device of claim 1, wherein the electronic vapour provision device is an electronic cigarette.~~
32. The ~~electronic vapour provision device~~electronic cigarette of claim 1 ~~or 2~~, wherein the sleep mode is a low power mode.
43. The ~~electronic cigarette vapour provision device~~electronic cigarette of claim 1, ~~2~~ or 32, wherein the sleep mode is the lowest non-zero power mode of the ~~electronic cigarette device~~.
54. The ~~electronic cigarette vapour provision device~~electronic cigarette of any preceding claim, wherein the ~~electronic cigarette vapour provision device~~electronic cigarette uses less power in sleep mode than in usable mode.
65. The ~~electronic cigarette vapour provision device~~electronic cigarette of any preceding claim, wherein the ~~electronic cigarette vapour provision device~~electronic cigarette is inactive when not being used as an electronic cigarette vapour provision device by a user.
76. The ~~electronic cigarette vapour provision device~~electronic cigarette of any preceding claim, wherein the computer is configured to periodically check whether the vaporiser is attached to the battery assembly.