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(57) Abstract :

The present disclosure discloses a system (100) designed for the precise adjustment of a fan's height. The system (100) incorporates a remote (102) transmitting signals at a specific frequency, paired with a fan assembly (104) featuring a sensing element (106) capable of receiving these signals. An integrated processor (108) and memory (110) work in tandem to analyze the received signals, identifying associated commands, and subsequently actuating a first engaging element (112) to move against a second engaging element (114). The present working of the first engaging element (112) and the second engaging element (114) facilitates the precise height adjustment of the fan assembly (104). This present system offers a convenient and efficient means of controlling fan height, enhancing user comfort and convenience while addressing the need for adaptable fan positioning in various environments.

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