Patent Document 1:

Japanese Patent Application Laid-open 2008-220603

Patent Document 2:

Japanese Patent Application Laid-open 2011-160888

Summary of the Invention

Problems to be Solved by the Invention

[0007] To deal with this, the inventors hereof have contrived to use a generator worked manually by hand (which will be referred to herein below as "hand-crank generator") for the electric power source of the bed apparatus.

[0008] However, since the hand-crank generator is driven by hand by the caregivers and others, there is a demand that the generator should be manually driven at a place where it does not cause any burden on the work of caregivers and others.

[0009] Further, it is also necessary to reduce the temporal and physical burden during the connecting work of wire between the electric power use devices such as electric actuators etc. and the hand-crank generator. When the electric actuator is simply connected to the hand-~~DAN~~crank generator, the person (operator) who performs the connecting work needs to get under the bed to connect the dedicated connectors, which is a work that requires a lot of time and physical burden.

[0010] Further, it is necessary take safety measures so that those (children and cognitively disease patients) who do not understand the uses and purposes (which will be referred to

hereinbelow as "uses and others.") of the hand-crank generator will be prevented from ~~GOuse~~ misuse.

Moreover, there has been a demand for a bed apparatus in which the hand-crank generator can supply electric power to electric power use devices as the power supply destinations other than the electric actuators provided for the bed apparatus so as to be able to supply electricity to diverse measuring instrument in case of a power failure.

[0011] The present invention has been devised in view of the above circumstances, it is therefore an object of the present invention to provide a bed apparatus that facilitates the operator to work on electric generation in generating electricity with a hand-crank generator, can reduce the temporal and physical burden on the operator and can secure safety for those who do not understand uses and others.

Means for Solving the Problems

[0012] According to the present invention, a bed apparatus includes: an electric power use device that is operated by an electric power, and wherein the electric power can be supplied by a hand-crank generator, and at least one end of an electric power path for delivering the electric power to the electric power use device is arranged at a position on an outer side surface of a head side, lateral sides, or a foot side of the bed apparatus.

[0013] It is preferable in the present invention that the