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Figure 1. Hospital bed (in the preferred embodiment) or trolley

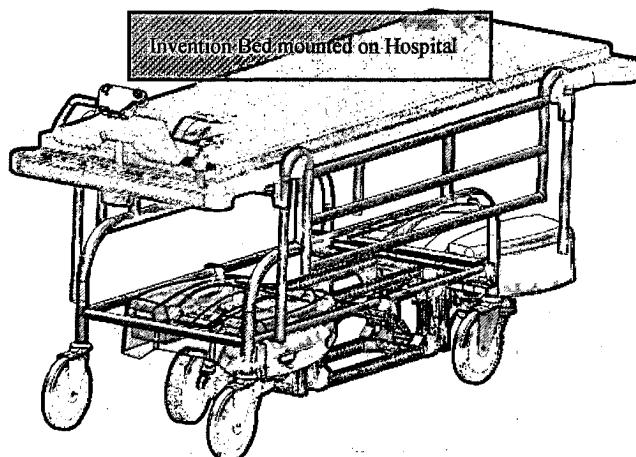


Figure 2.

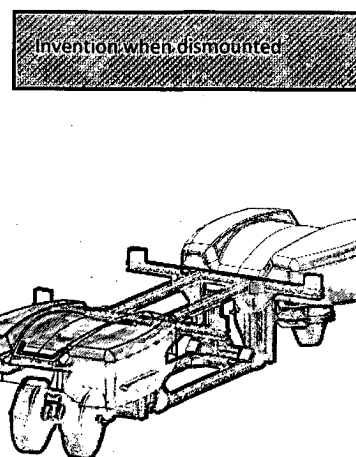


Figure 3. Omni-directional module

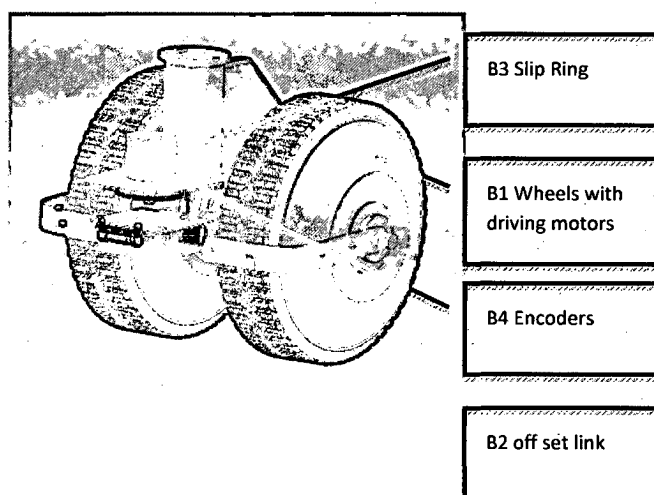
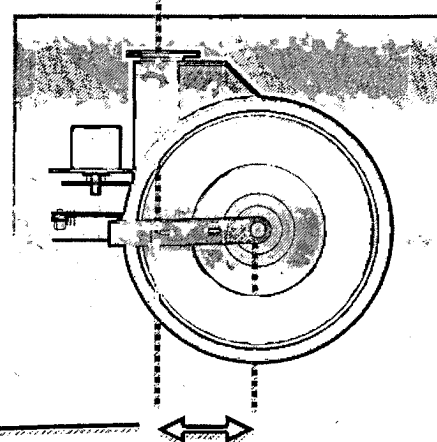


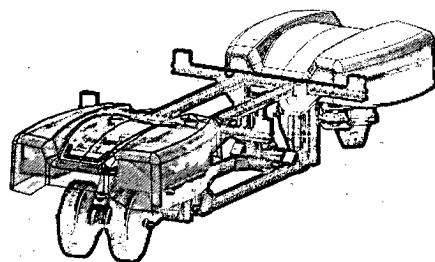
Figure 4.



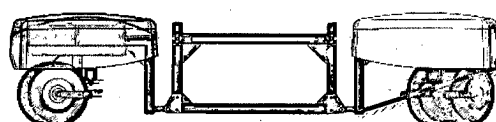
Figures 5 and 6. Wheel attachment adaptor

C1 attachment with quick/easy release

C2 hinges (act as suspension)



C1 Attachment to bed,
for easy release.
(coloured red)



C2 hinges, as suspension, to allow
wheel assemblies to conform to
ground better.

Figure 7. On-board microcontroller and power electronics

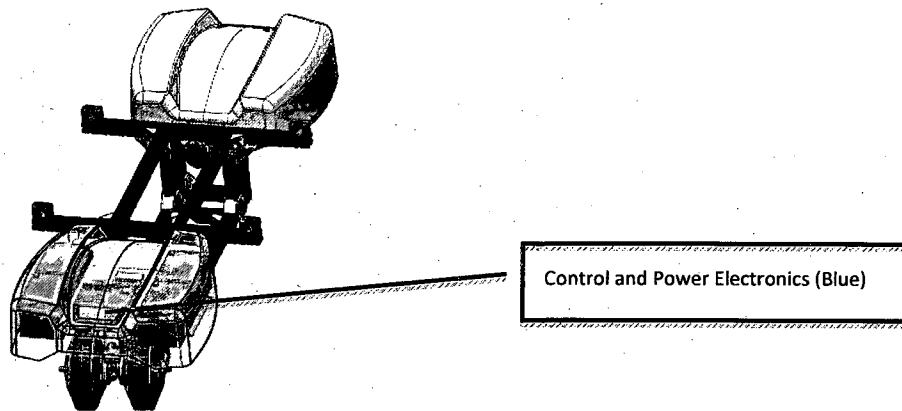


Figure 8. Batteries

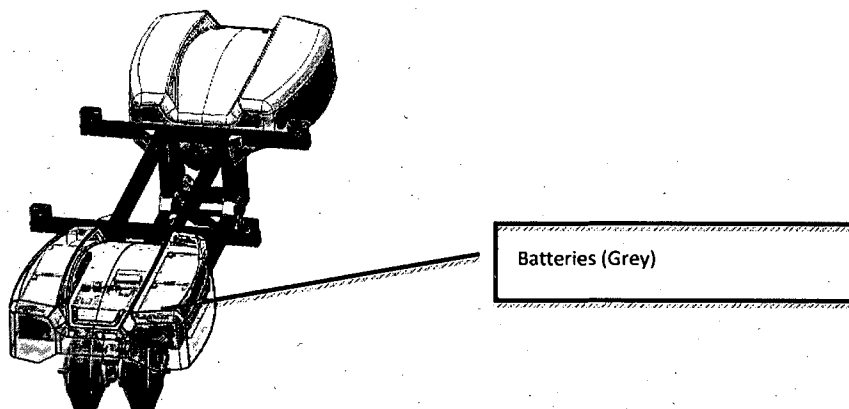


Figure 9. Other sensors for augmented or autonomous operation modes

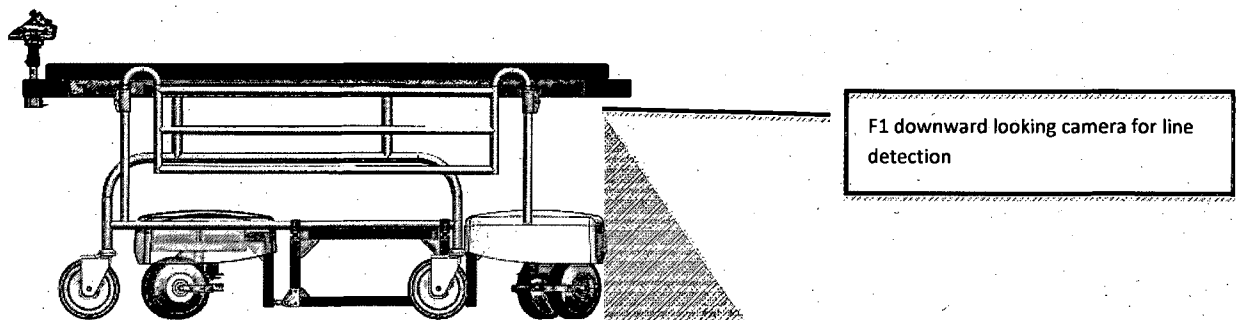


Figure 10. Flip-down platform for caregiver to stand on.

