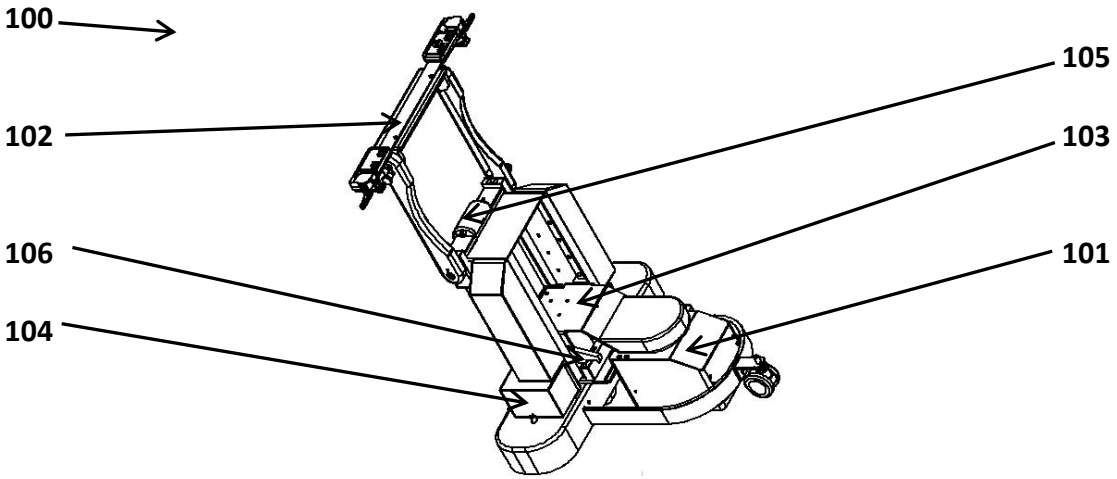


Fig 1

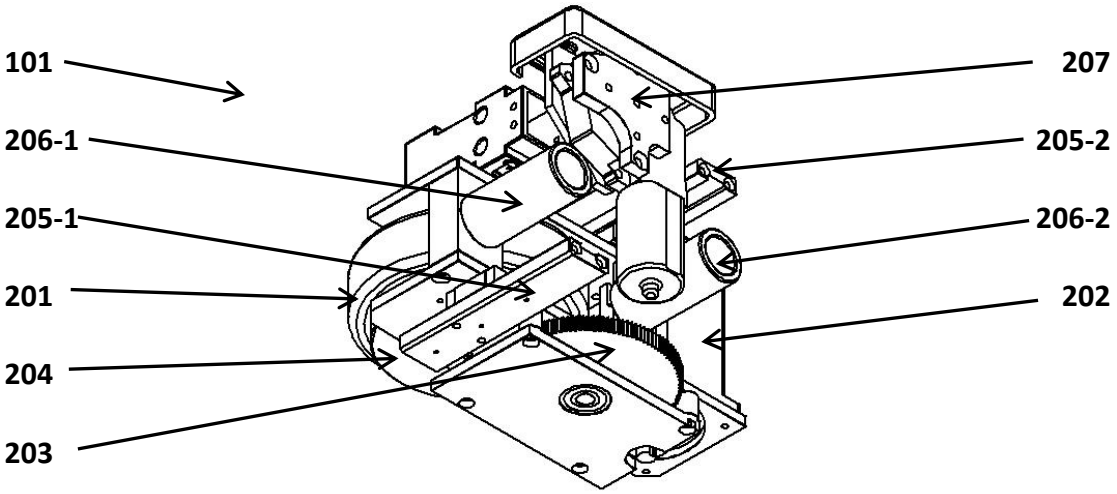


Fig 2

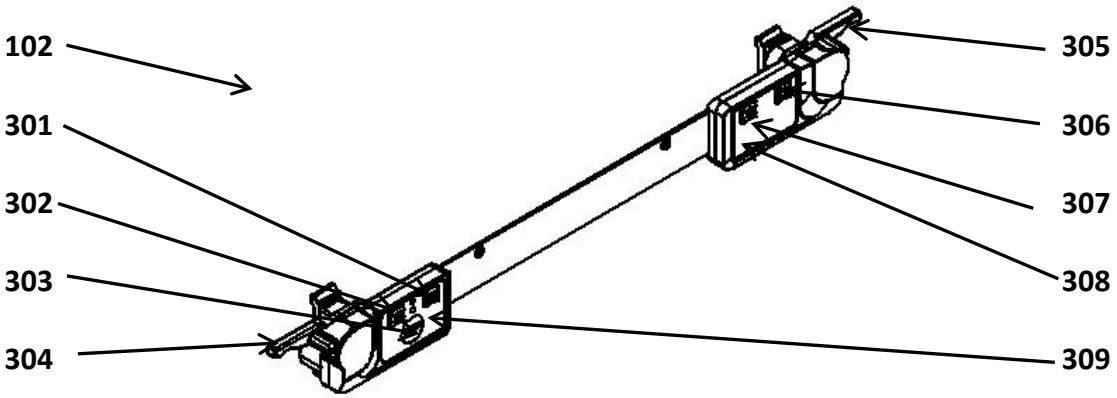


Fig 3

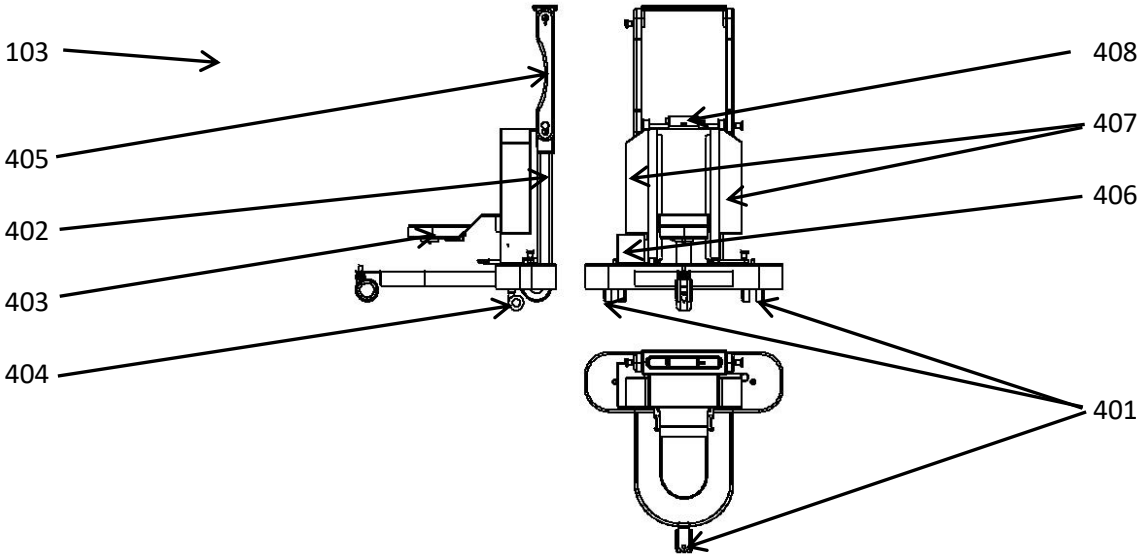


Fig 4

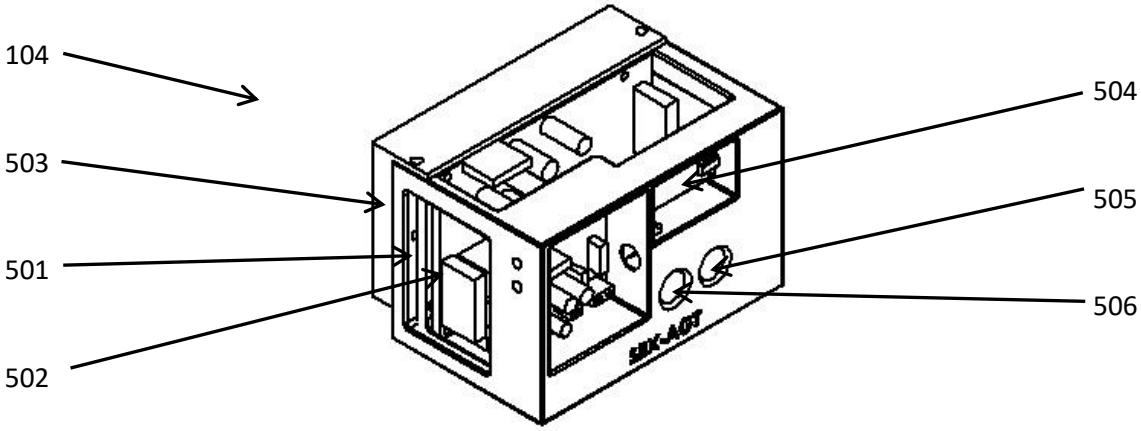


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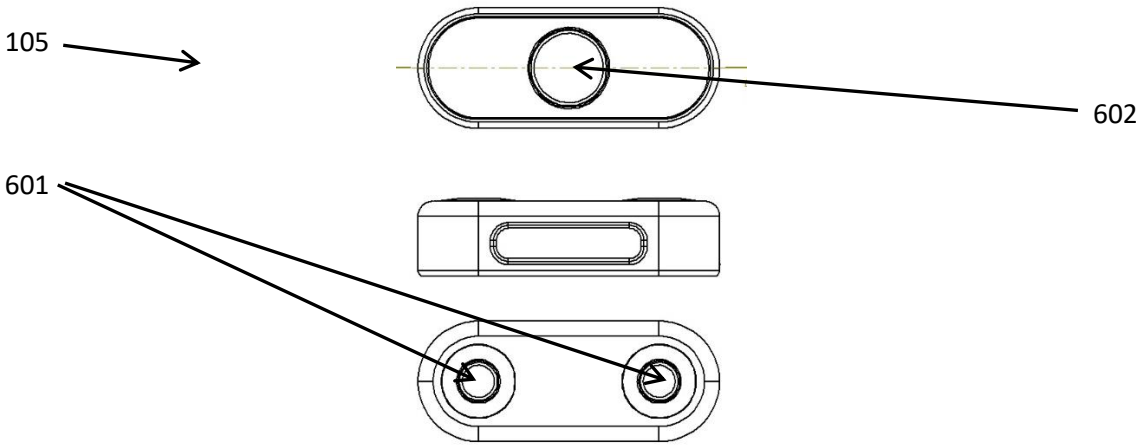


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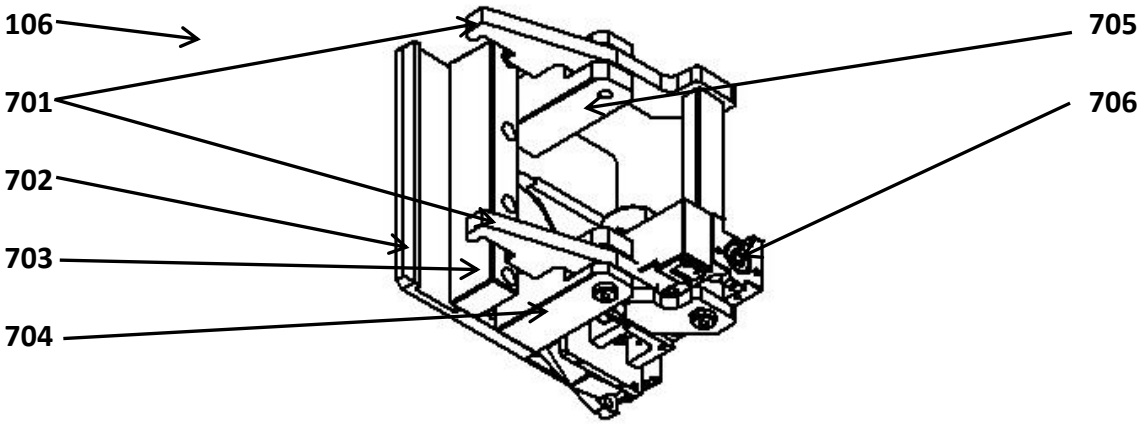


Fig7

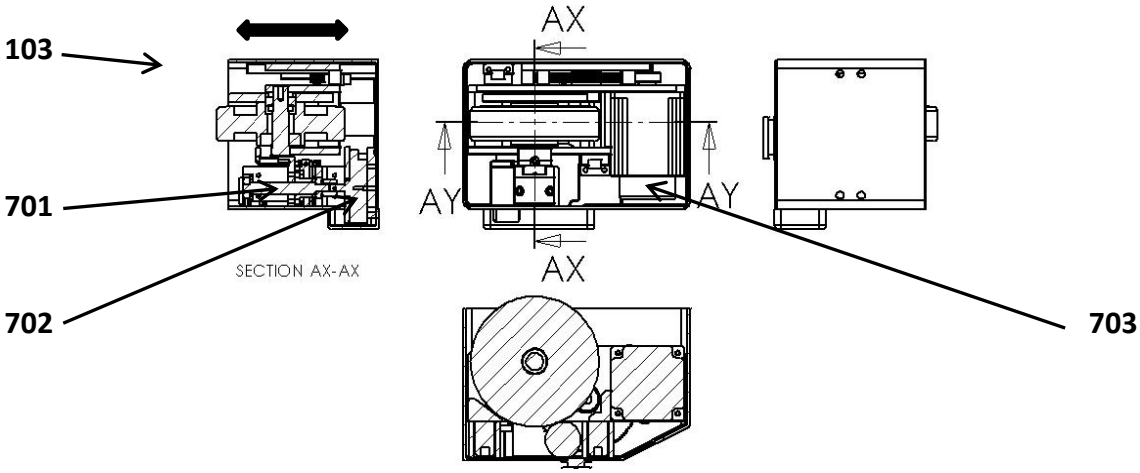


Fig 8

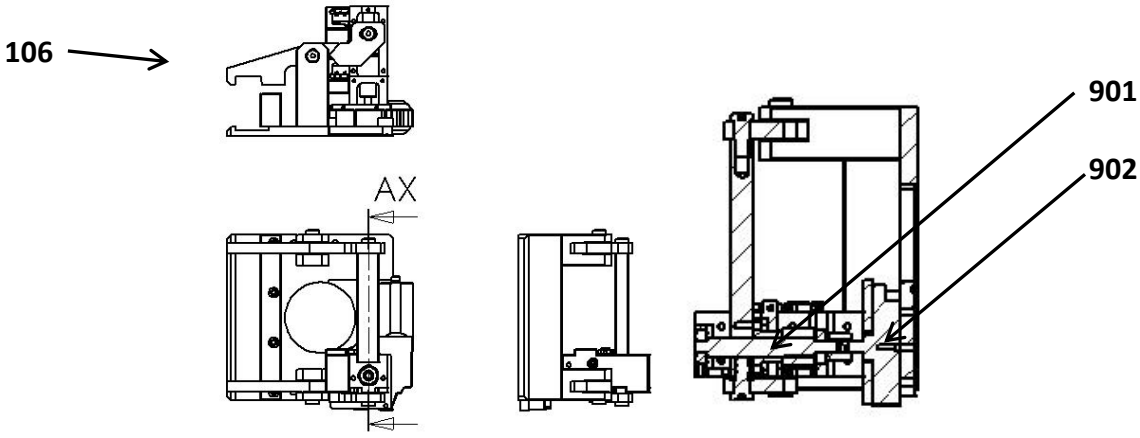


Fig 9

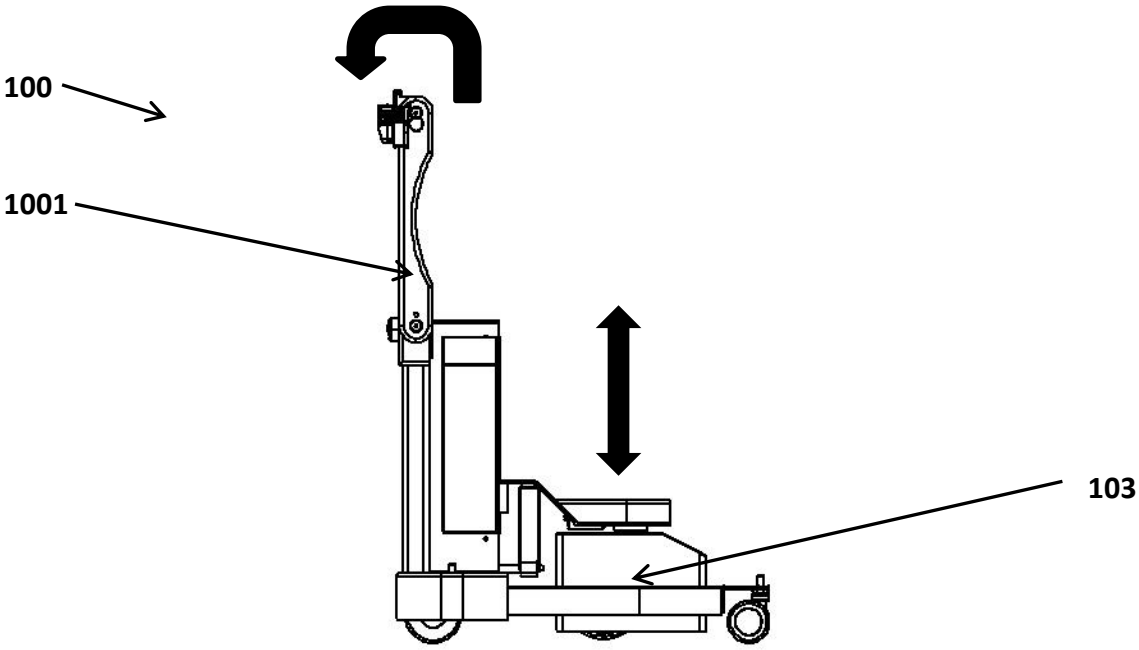

100
1001
103

Fig 10

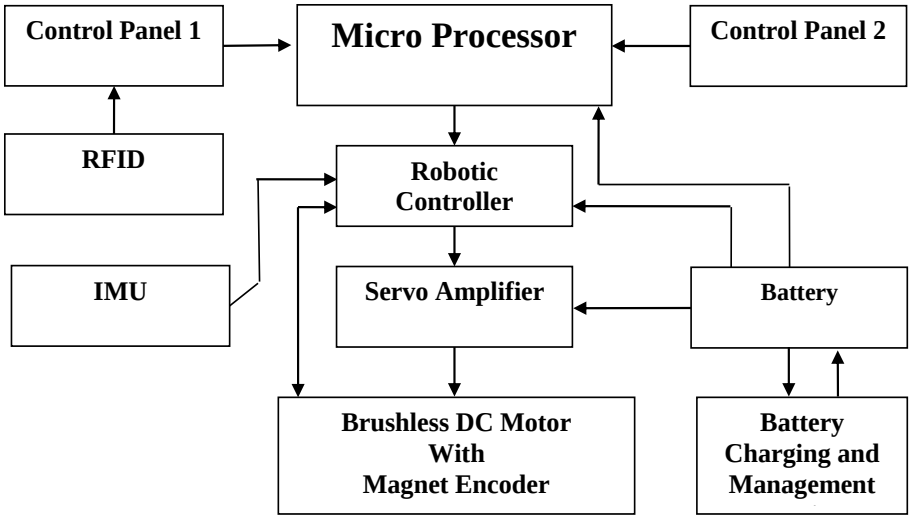

Control Panel 1
Micro Processor
Control Panel 2
RFID
Robotic Controller
IMU
Servo Amplifier
Battery
Brushless DC Motor With Magnet Encoder
Battery Charging and Management

Fig 11

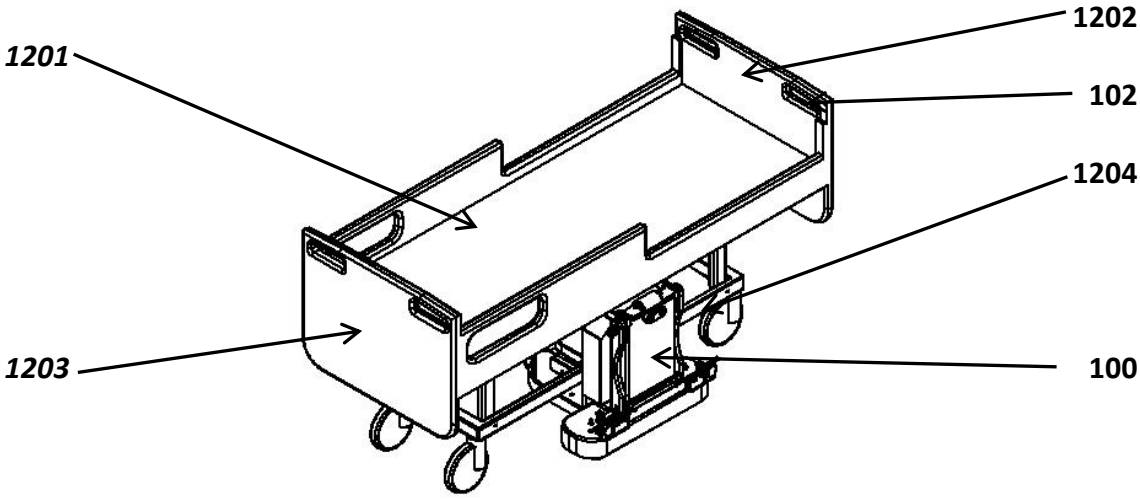


Fig 12

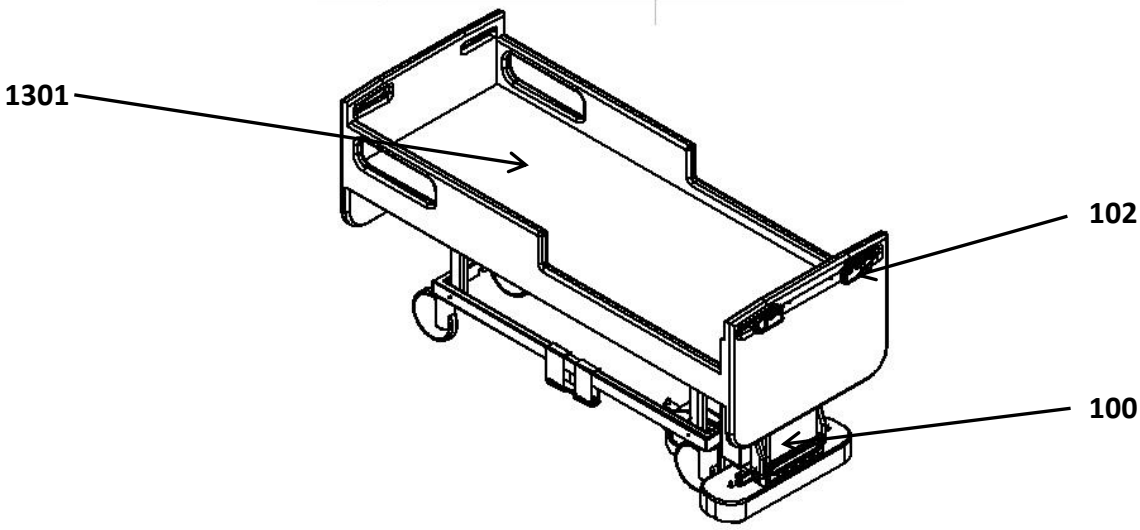


Fig 13