

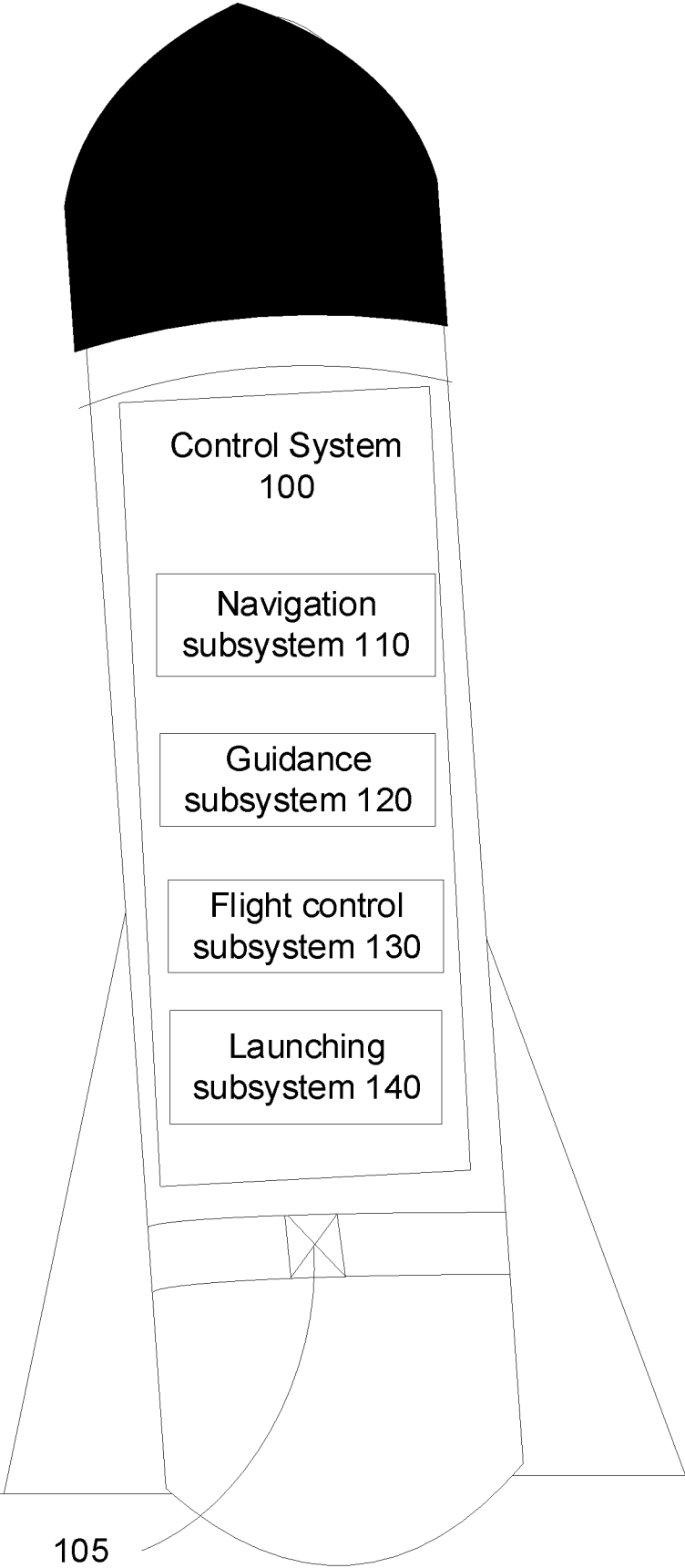


Fig. 1A

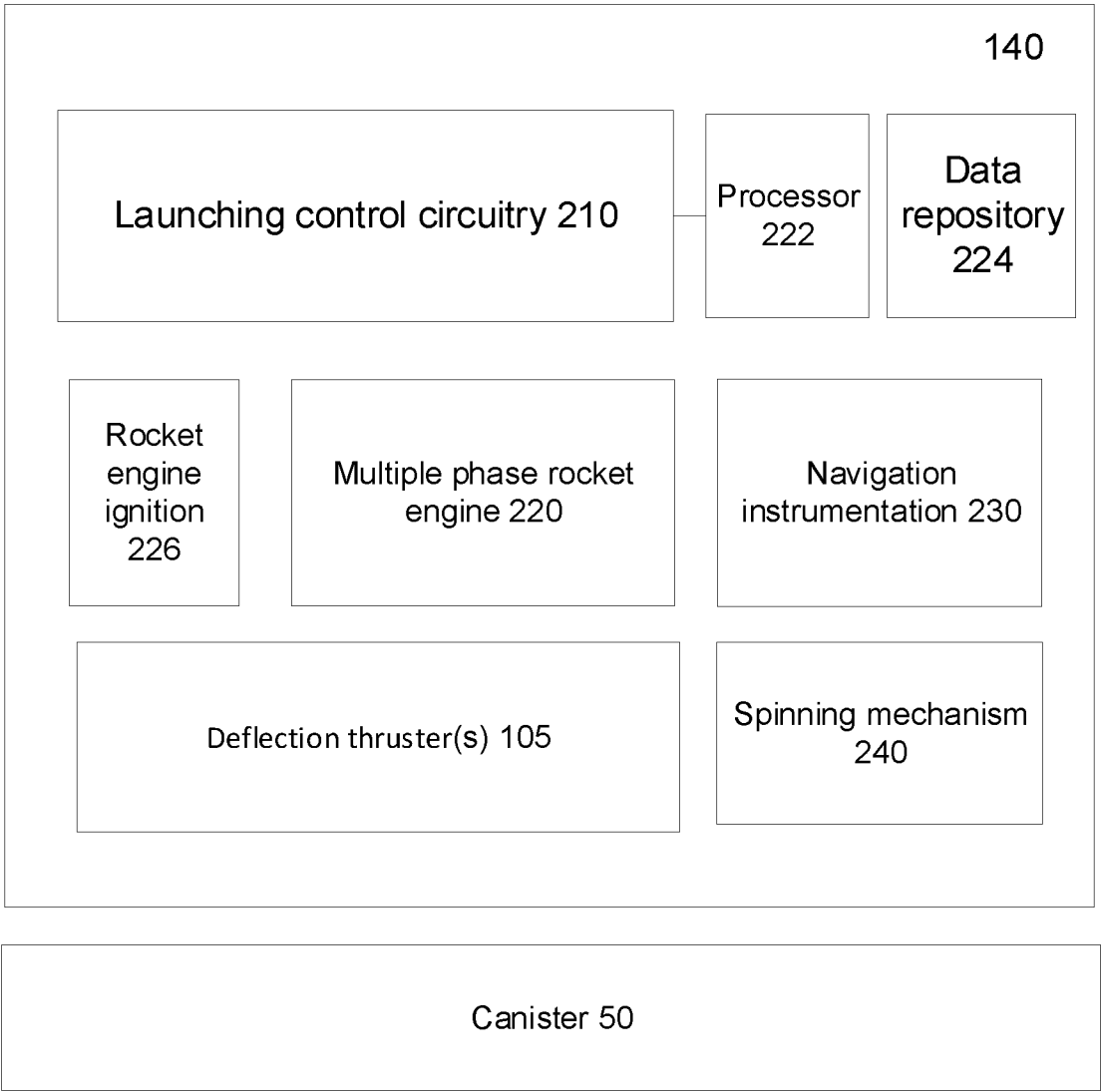


Fig. 1B

Example of a booster motor thrust profile

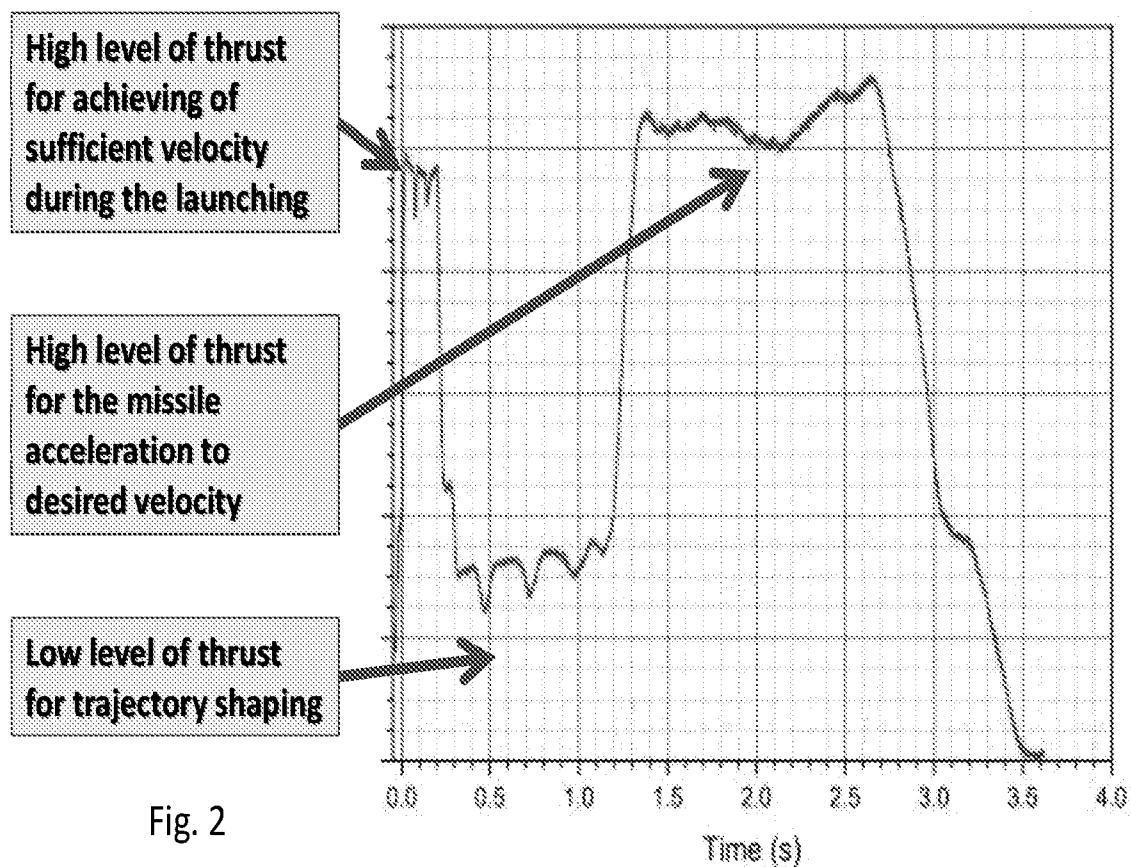


Fig. 2

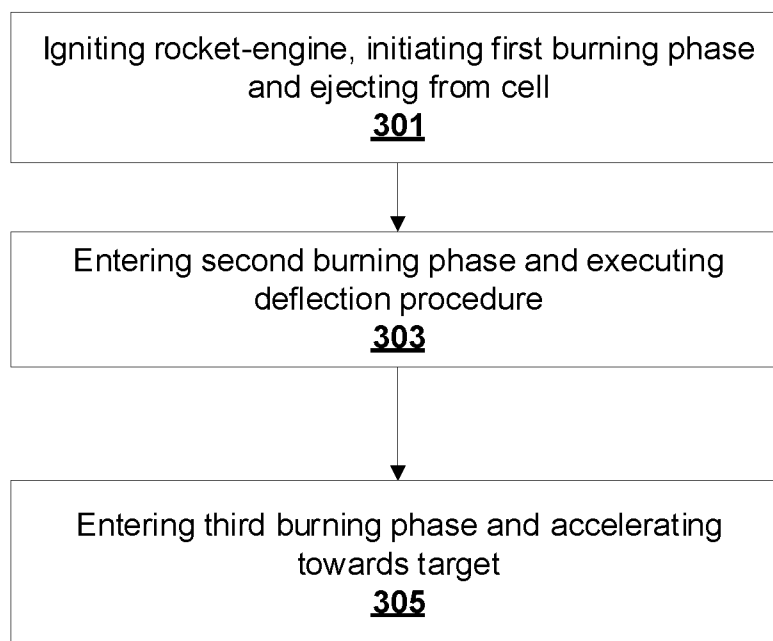


Fig. 3

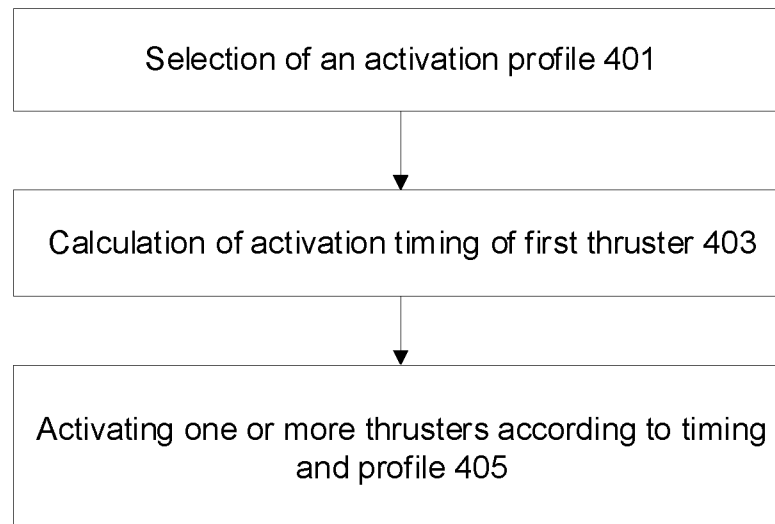


Fig. 4a

6/14

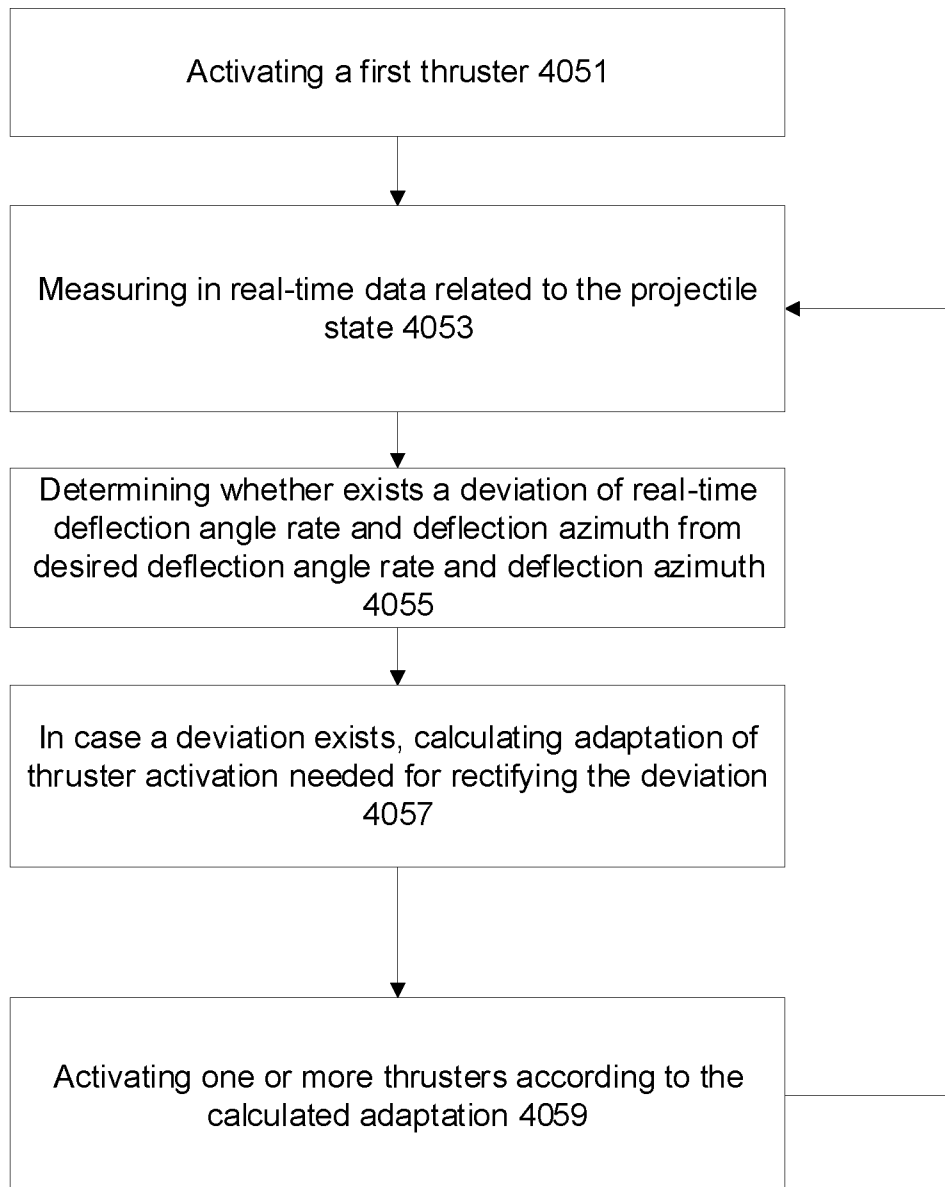


Fig. 4b

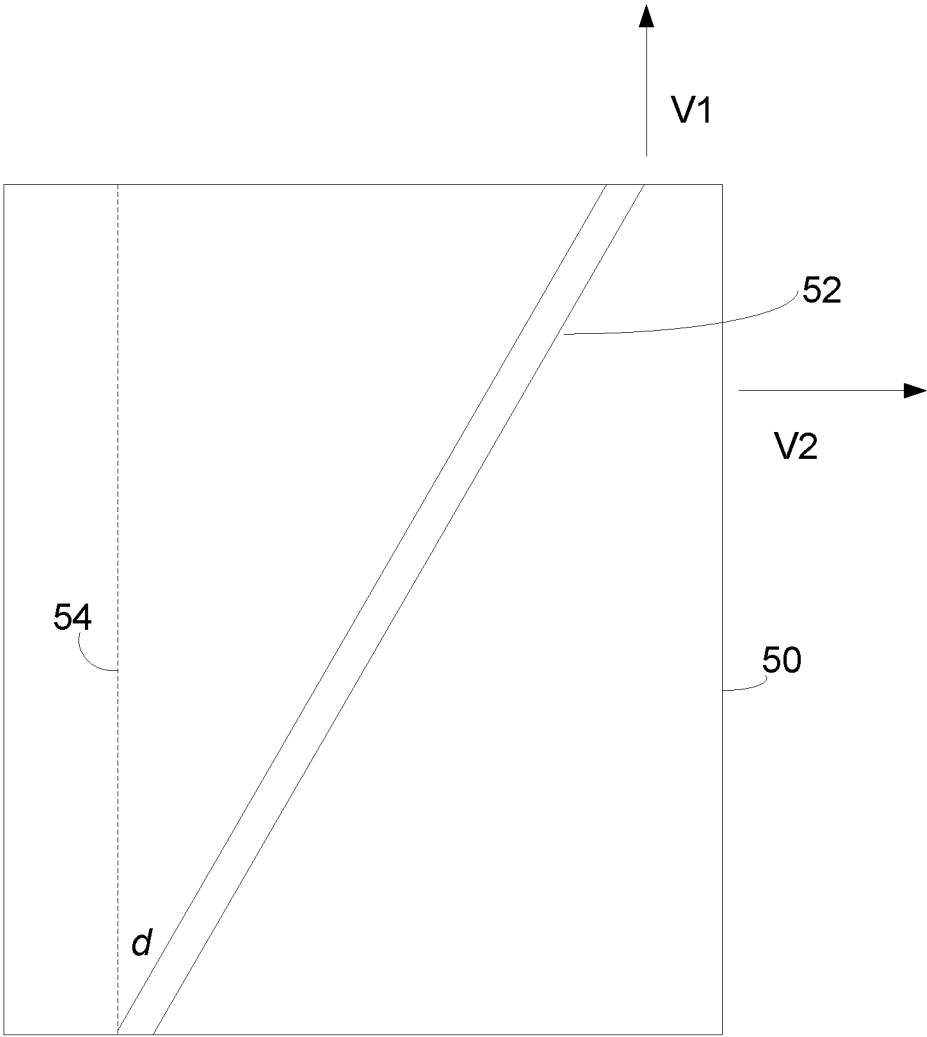


Fig. 5

Example of a initial spin rate induced by a canister

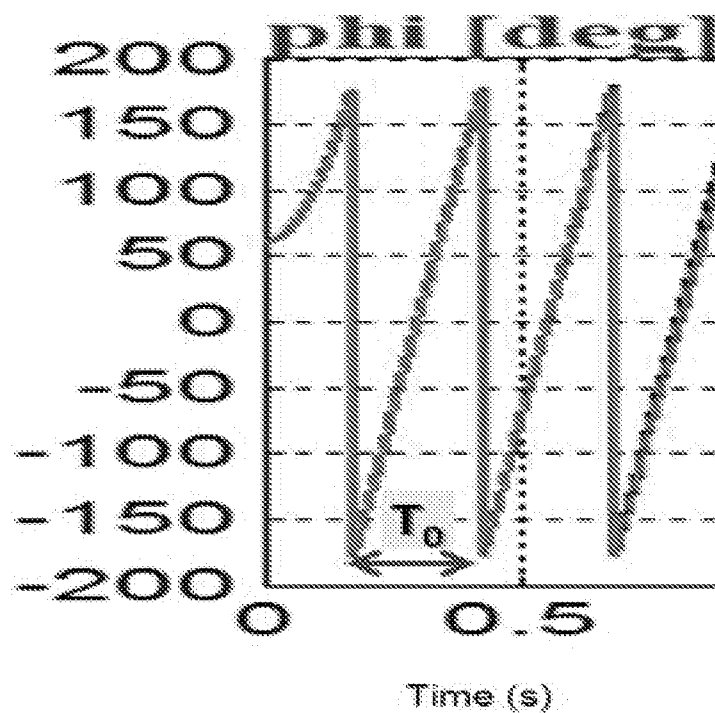
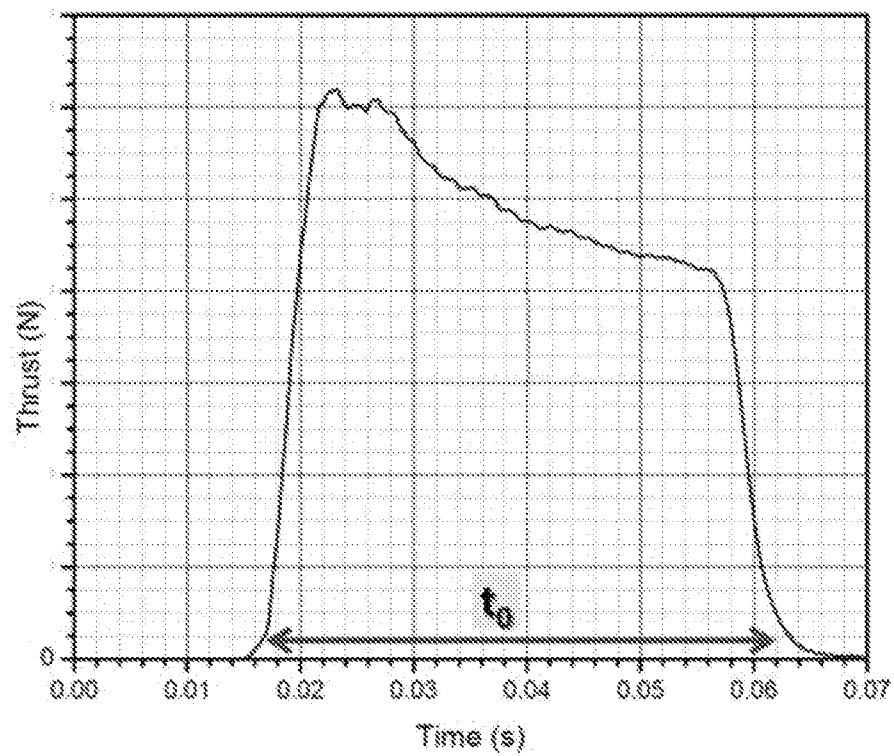


Fig. 6a

Example of a thrust profile of a thruster



$$t_0 \ll T_0$$

Fig. 6b

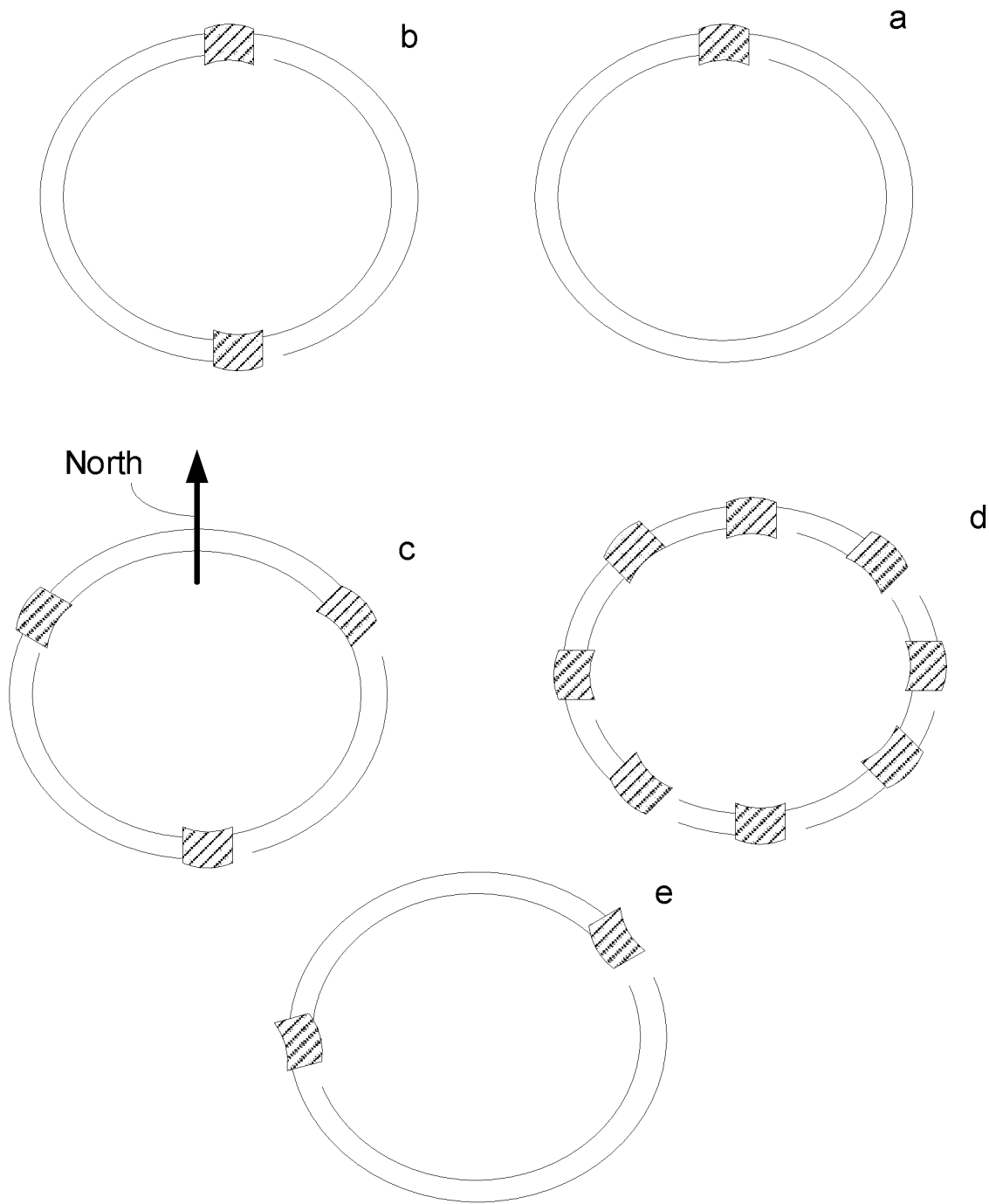


Fig. 7

Example of a projectile's velocity vector behavior during the trajectory shaping

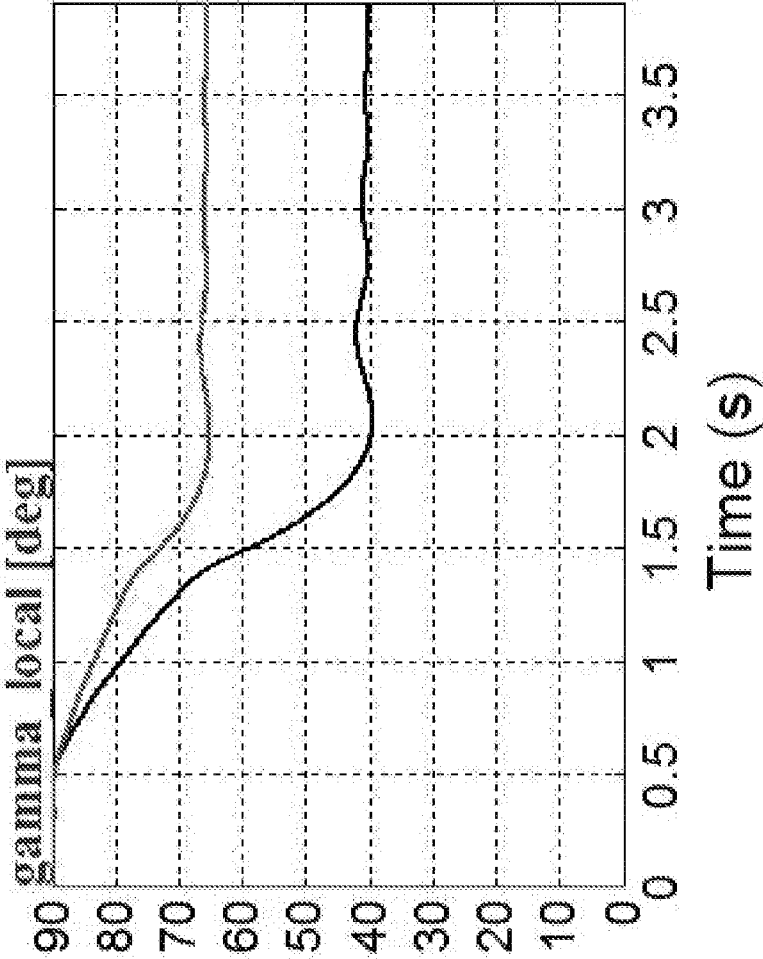
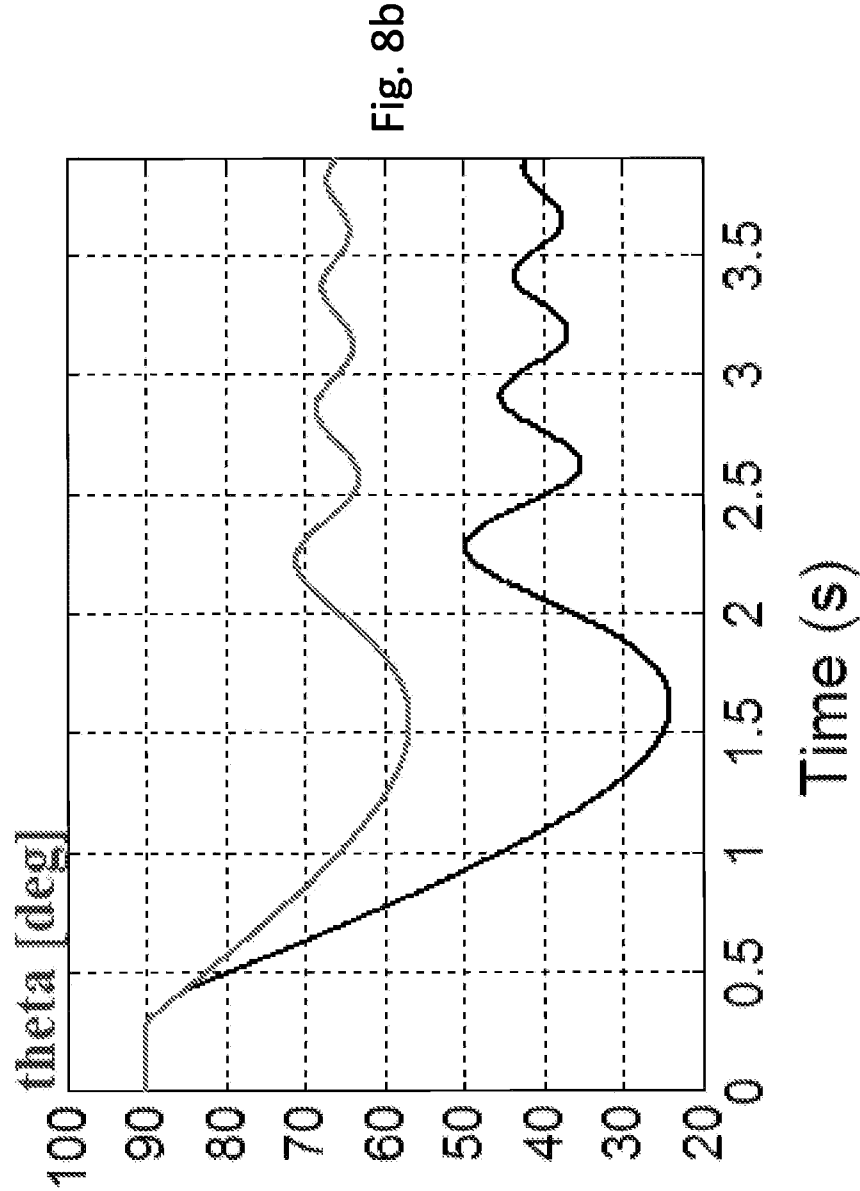


Fig. 8a

Red line – activation of single thruster

Black line – sequential activation of two thrusters to the same azimuth

Example of a projectile's body angle behavior during the trajectory shaping



Examples of a projectile's velocity vector behavior during the trajectories shaping depends on different timings of two thrusters sequential activations

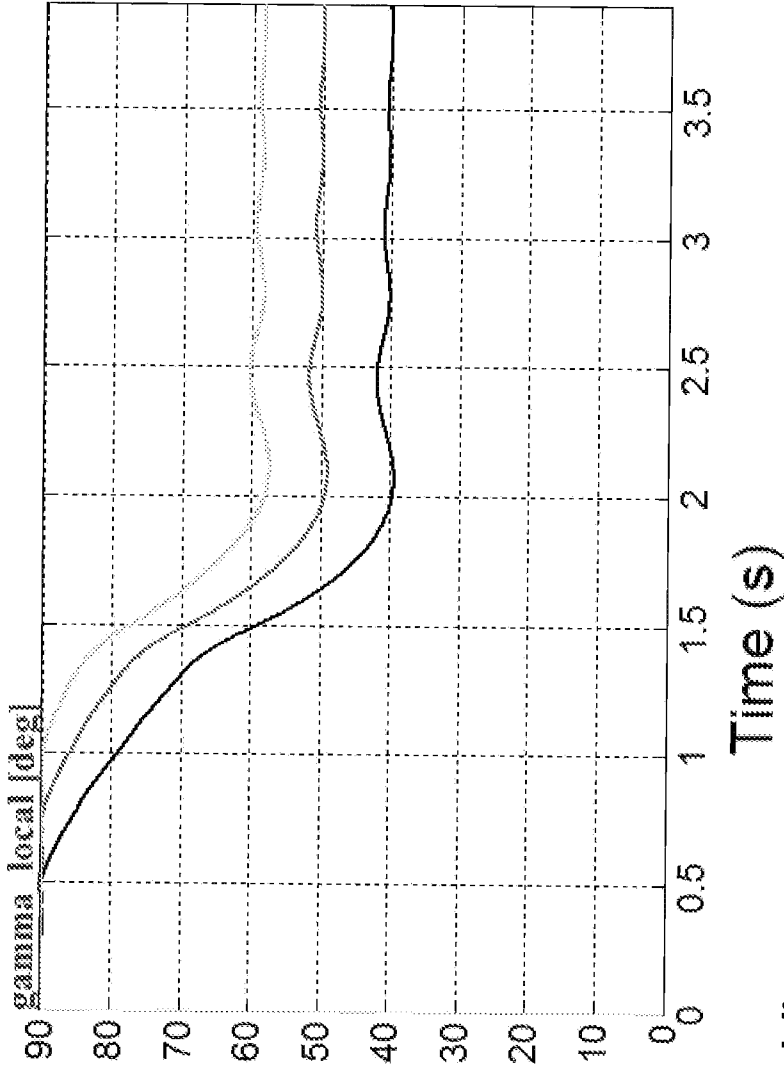


Fig. 9

Black line – sequential activation of 2 thrusters as soon as possible
Red line – sequential activation of 2 thrusters at the second opportunity
Green line – sequential activation of 2 thrusters at the third opportunity

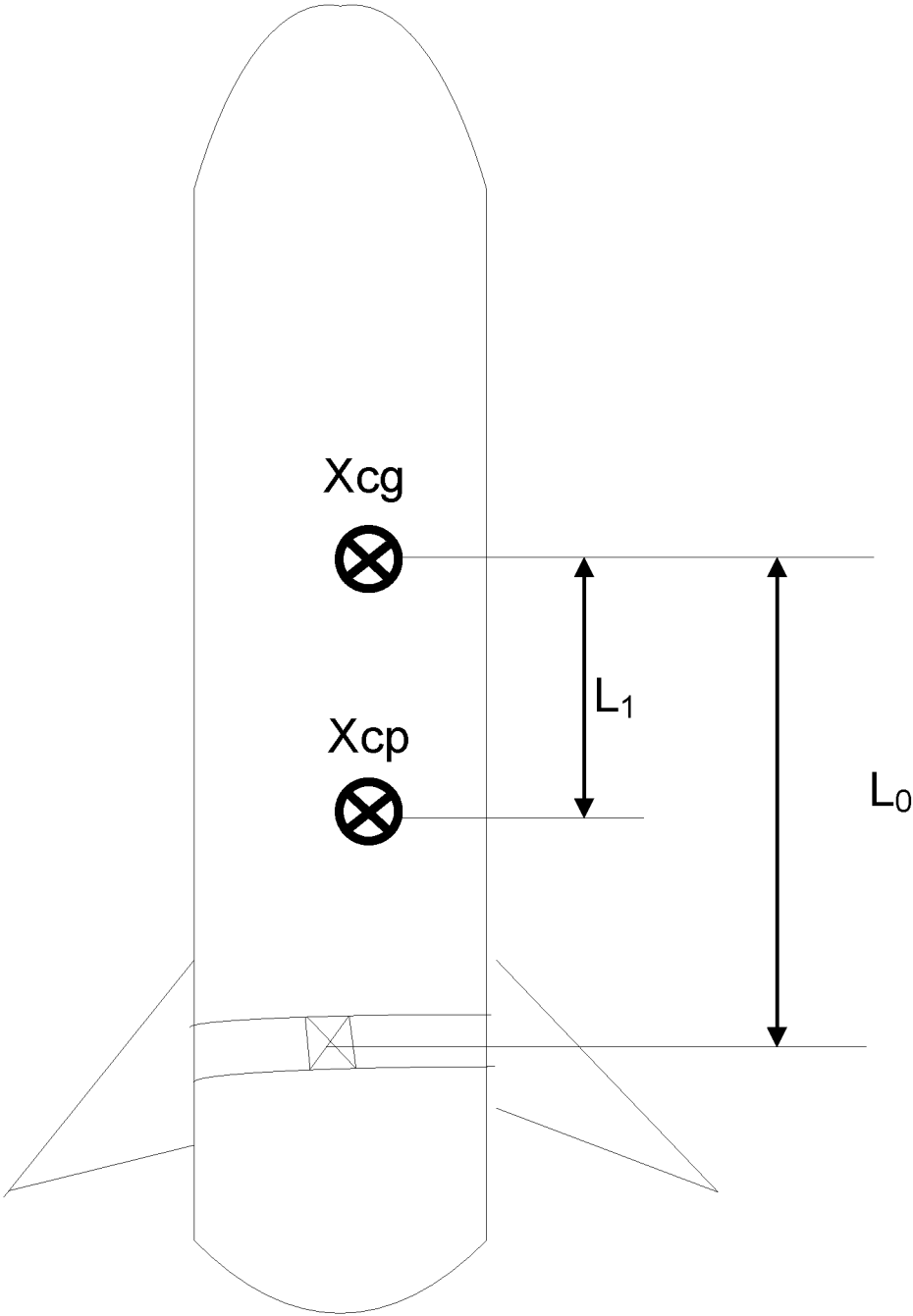


Fig. 10