

Fig. 1A

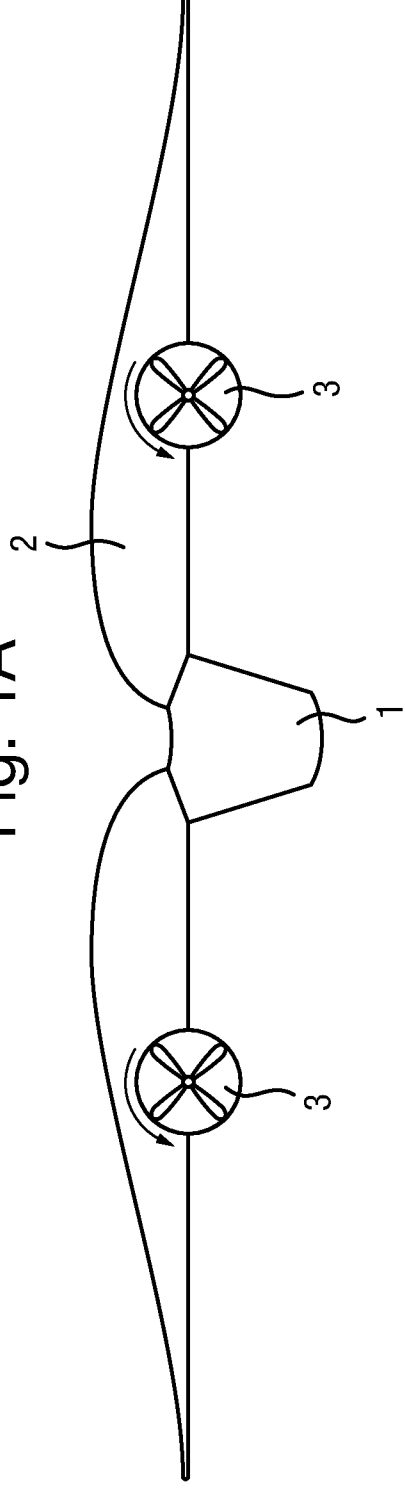


Fig. 1B

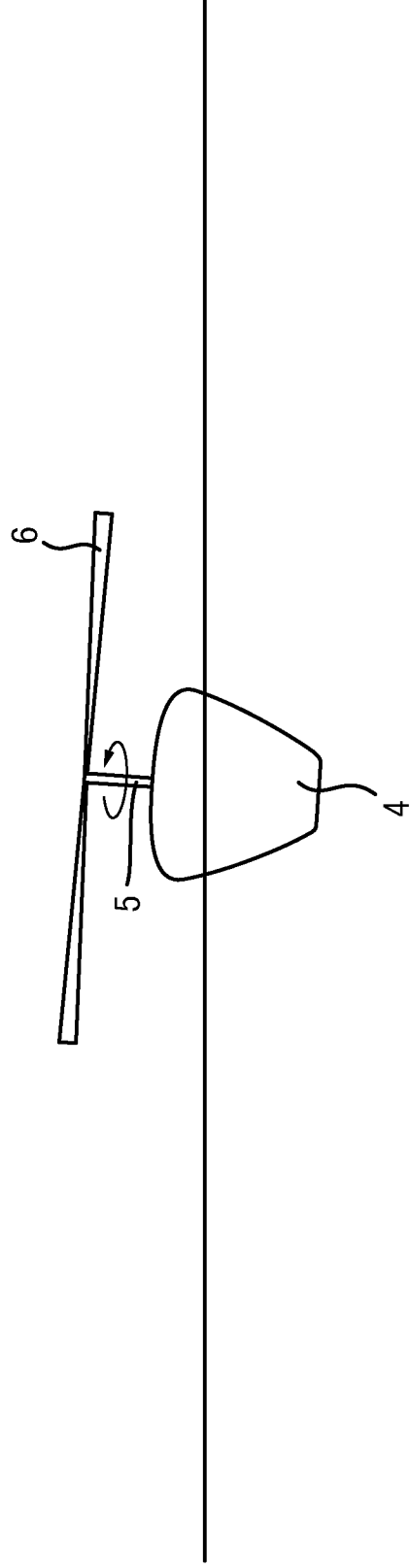


Fig. 2

Traditional Fixed Wing Mode Flight

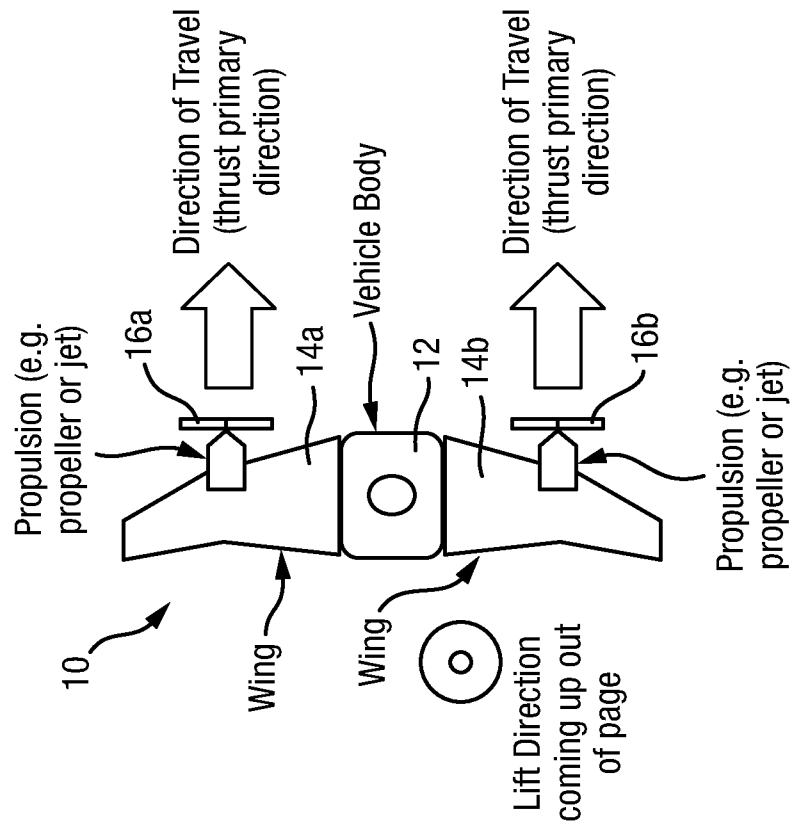


Fig. 3

Rotary Wing Mode Flight

Whole vehicle rotates

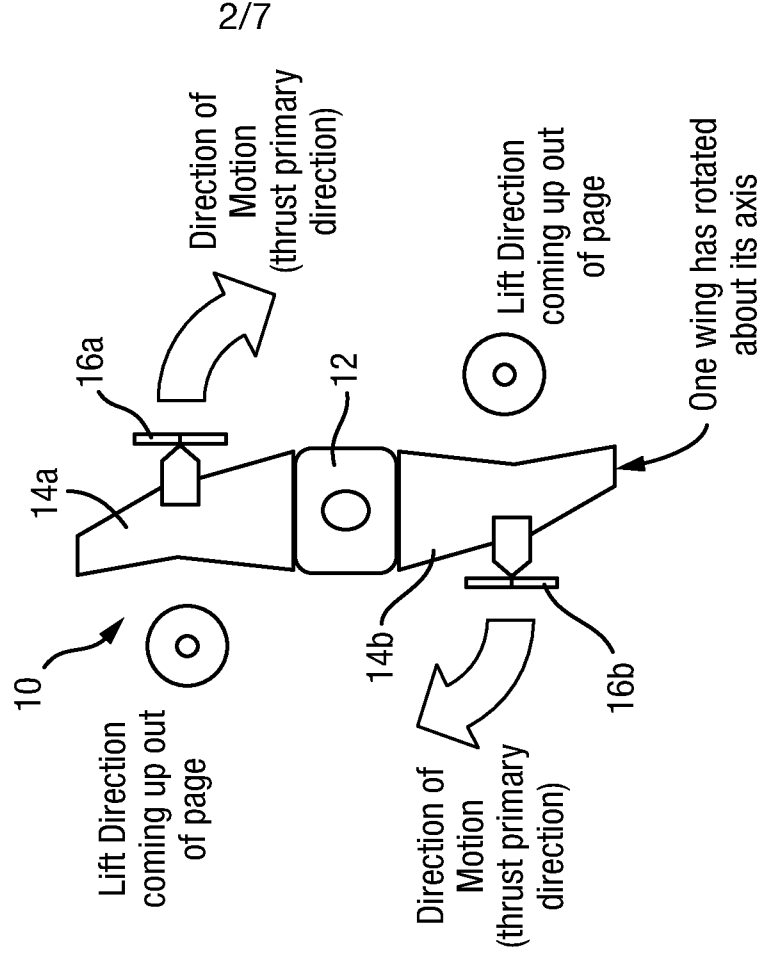


Fig. 3A

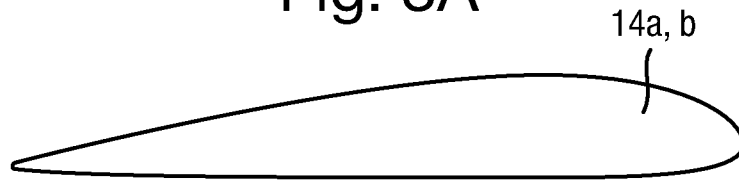


Fig. 4

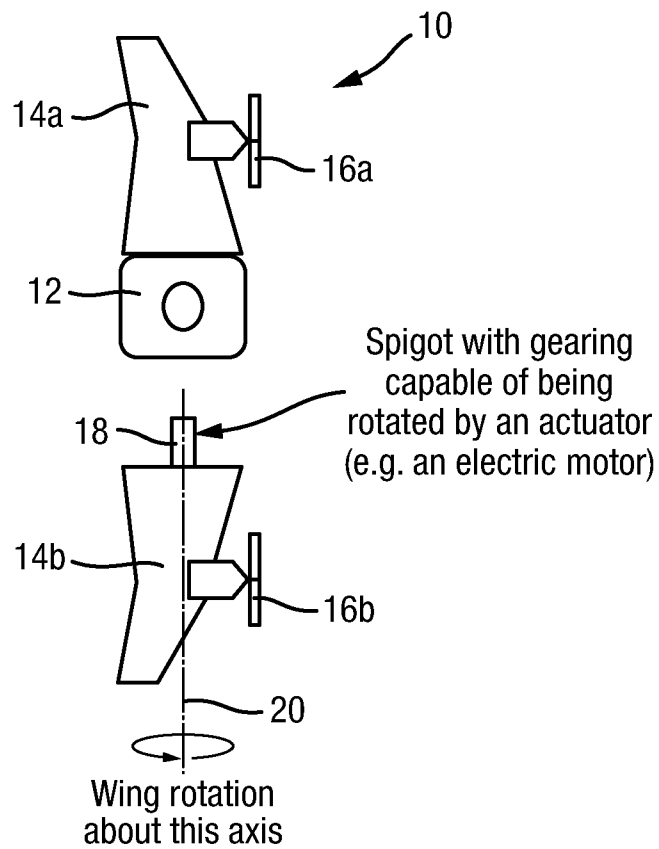


Fig. 5

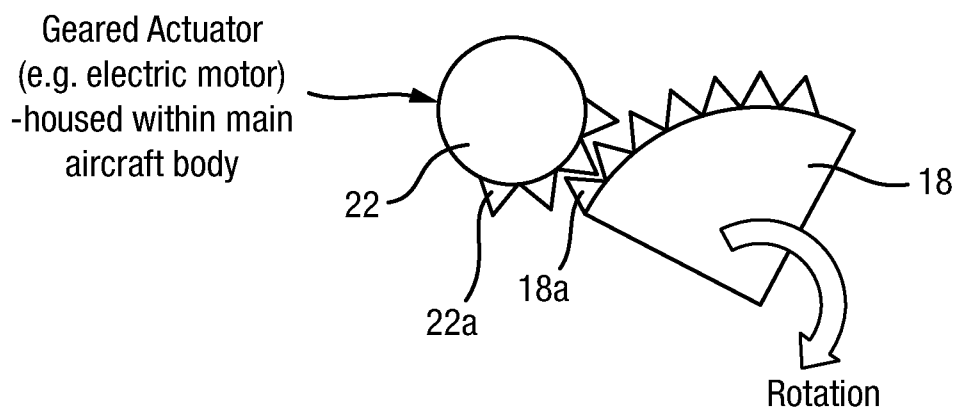


Fig. 4A

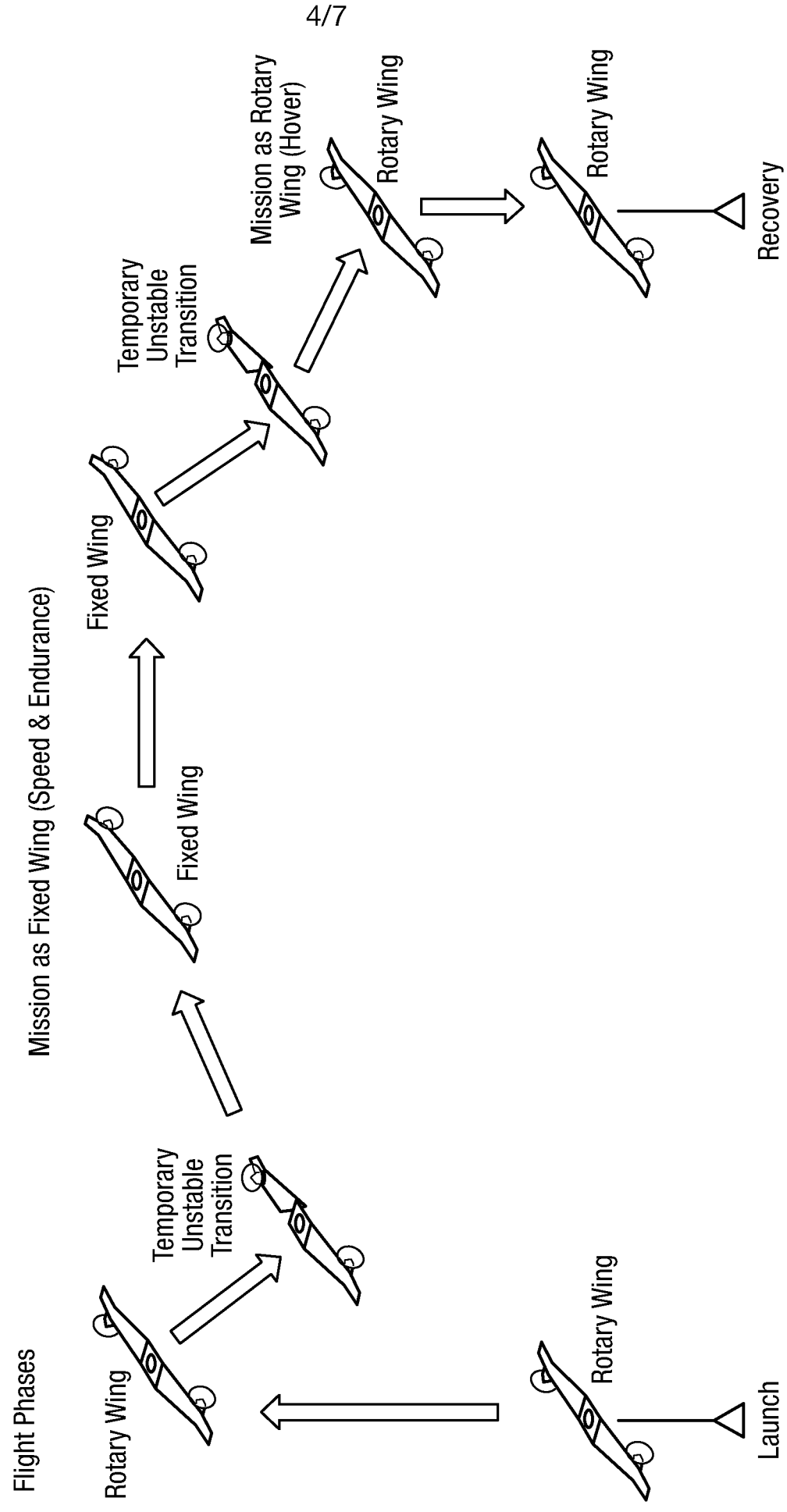


Fig. 6A

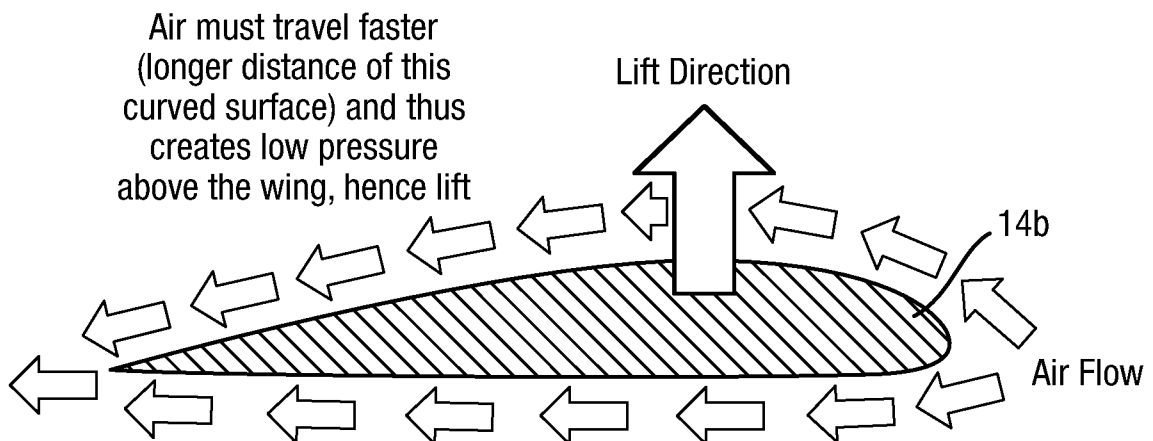


Fig. 6B

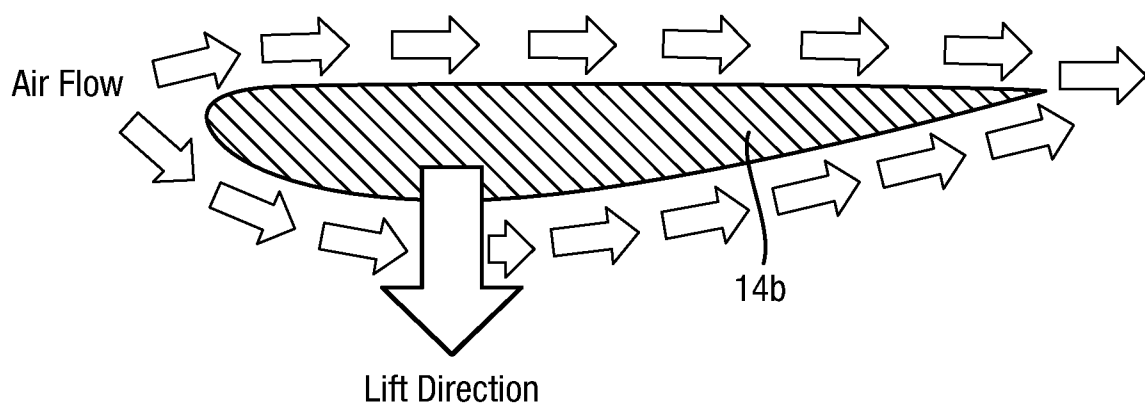
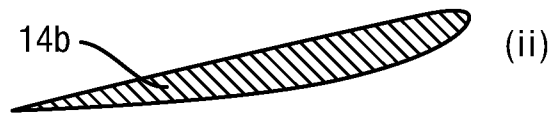


Fig. 6C

Wing Optimised for Forward Fixed Wing Flight



Wing Angle of Attack changed after rotation about the spigot for
Vertical / Rotary Wing Flight so as to generate lift in the
correct (upward) direction



Whilst inefficient this approach is only needed for
take off / landing (and perhaps hover) phases of
flight thus representing a minor overall compromise

Fig. 7A

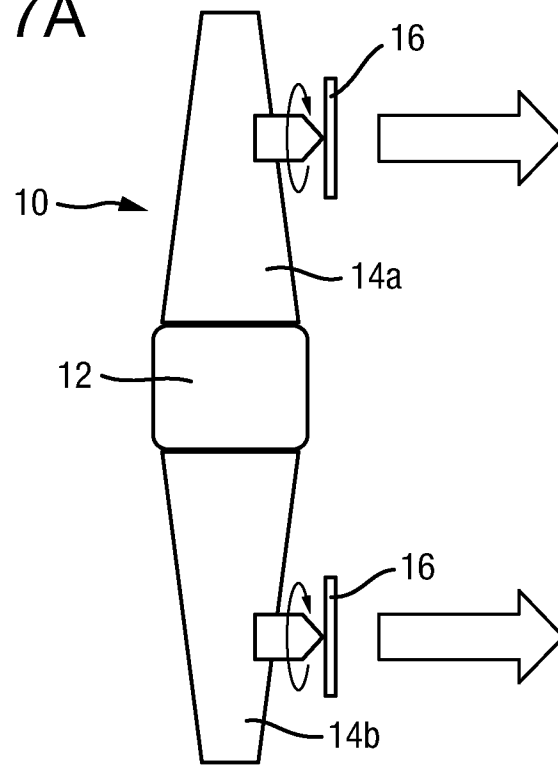


Fig. 7B

