

If the machine is thus based on the right principle, it should indeed be possible to acquire mastery without gliding by endlessly repeated short flights in winds of steadily increasing force, and so we may hope the best for the future of the Aerial Experiment Association in Hammondsport, because logical developments of its eclectic method has led it finally to the veritable Wright type! But let us return to that interesting development!

The above mentioned Hammondsport glider was smashed in the end by an awkward landing, in attempting to fly it as a kite, and was not again rebuilt. Instead, the "Red Wing" was constructed (Dr. Bell has given pretty characteristic names to all his apparatus - they indeed facilitate classification).

This was really principally an imitation of Farman's then so triumphant a machine. The only difference being that according to an idea of Mr. Baldwin's, the upper surface, (across the direction of flight) was curved upwards, and the lower one downwards. Near the wing tips the mutually approaching surfaces had therefore to be made narrower in the direction of flight, and thus resulted a natural approach to the shape of a bird's wing, which was still accentuated by triangular wing tips. This form has been steadily preserved, and indeed justly, as it seems, for it prevents partly the disturbing lifting effect of a side gust, which at the worst would have a sidewise shoving effect, which latter might just neutralize that one-sided lift because it