

PROPOSED PLANS FOR A MACHINE WHICH WILL TEST THE LIFE
AND DRIFT OF MODERATELY-ROTATING: BY GARDNER H. BELL.

A small and complete machine for testing hydro-

planes would be invaluable. A multitude of experiments to as-
certain life and drift could be made which would undoubtedly
be of great value, both to hydroplanes and aeroplanes. It
is our intention to construct a machine for this purpose.
We have had in view the idea upon which to con-

struct the machine. In one case water could be passed through
a transparent cylindrical tube, the surfaces themselves being
held in such a manner as only to allow them to move up and
down. There are some practical difficulties to this

form of machine however, and it is probable that one will be
constructed on the rotary type, the machine as a whole being
on a larger scale than in the first proposition. As soon as
definite plans can be decided upon work will be begun on
such a machine. G.H.B.