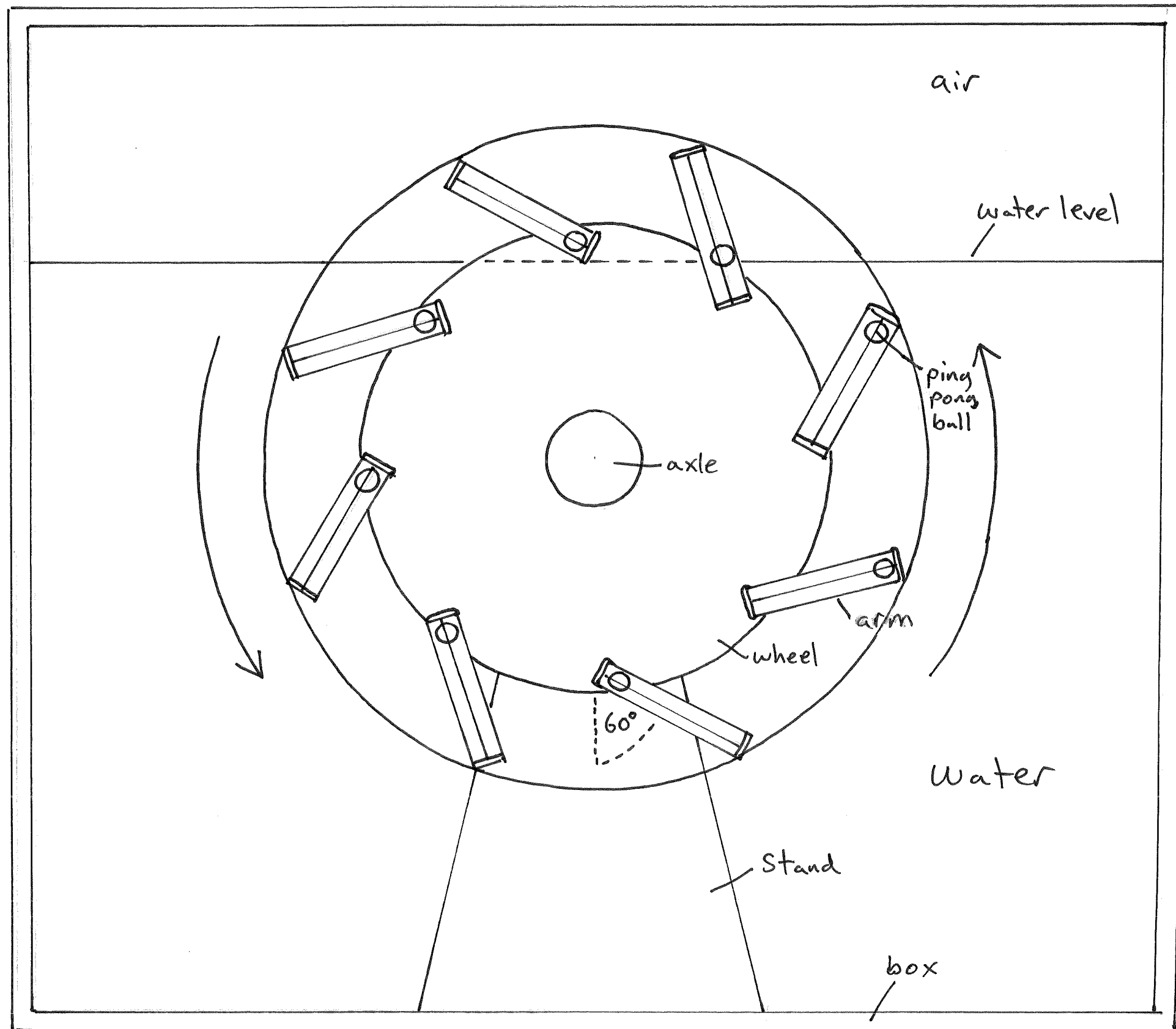


Design 1, Theoretical study on gravity and buoyancy to produce motion. By Adrian Gibbons, August 1st, 2024



*Concept, this is a theoretical study on gravity and buoyancy to produce motion. It uses a ping pong ball in each arm of a wheel, the ping pong ball moves out of the water on a wheel, alternating between sinking and floating, thus theoretically continuous motion.

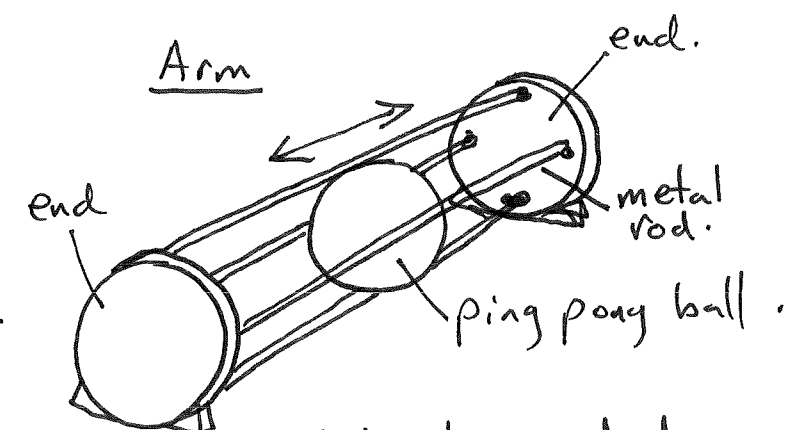
-Formula for concept using gravity and buoyancy. Disclaimer hypothetical only.

$$F_g + F_b = F_{net}$$

Following Archimedes principle.

$$F_b = \rho \cdot V \cdot g$$

*Conclusion - No actual model has been made only conceptual drawings. It can not work due to fluid resistance. It is intended to be for conceptual educational aid to show principles of physics.

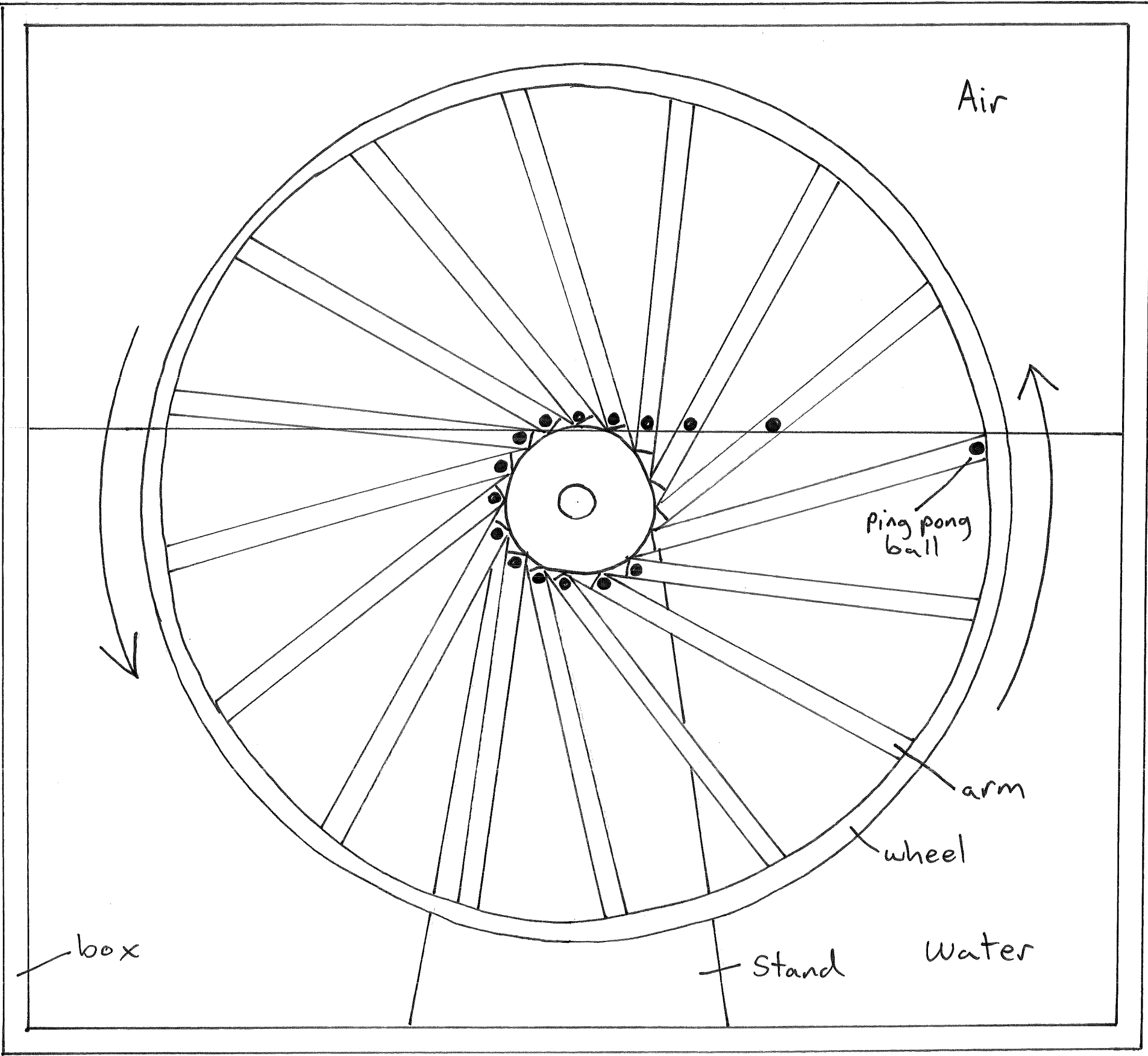


Ping pong ball travels up and down inside a arm, being held in place by 4 metal rods. To allow water to pass through, reducing friction.

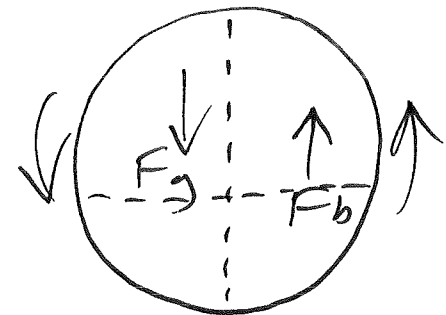
*Disclaimer - This design is theoretical and does not claim to achieve motion, which is impossible according to our current laws of physics and principles of Thermodynamics 1, 2, 3.

Thank you 😊

Design 2, Theoretical study , on gravity and buoyancy to produce continuous motion - By Adrian Gibbons, 2nd August, 2024

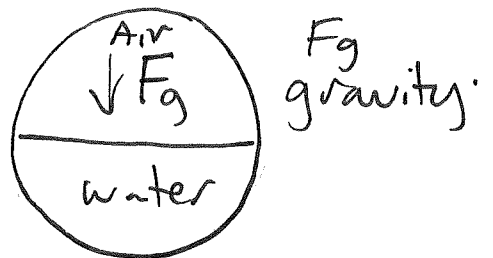
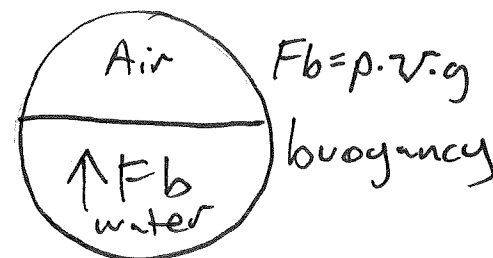


* Concept, this uses ping pong balls which are in each arm, the ping pong balls move out of the water alternating between sinking and floating, making one half of the wheel having more upward force. Thus creating continuous motion.

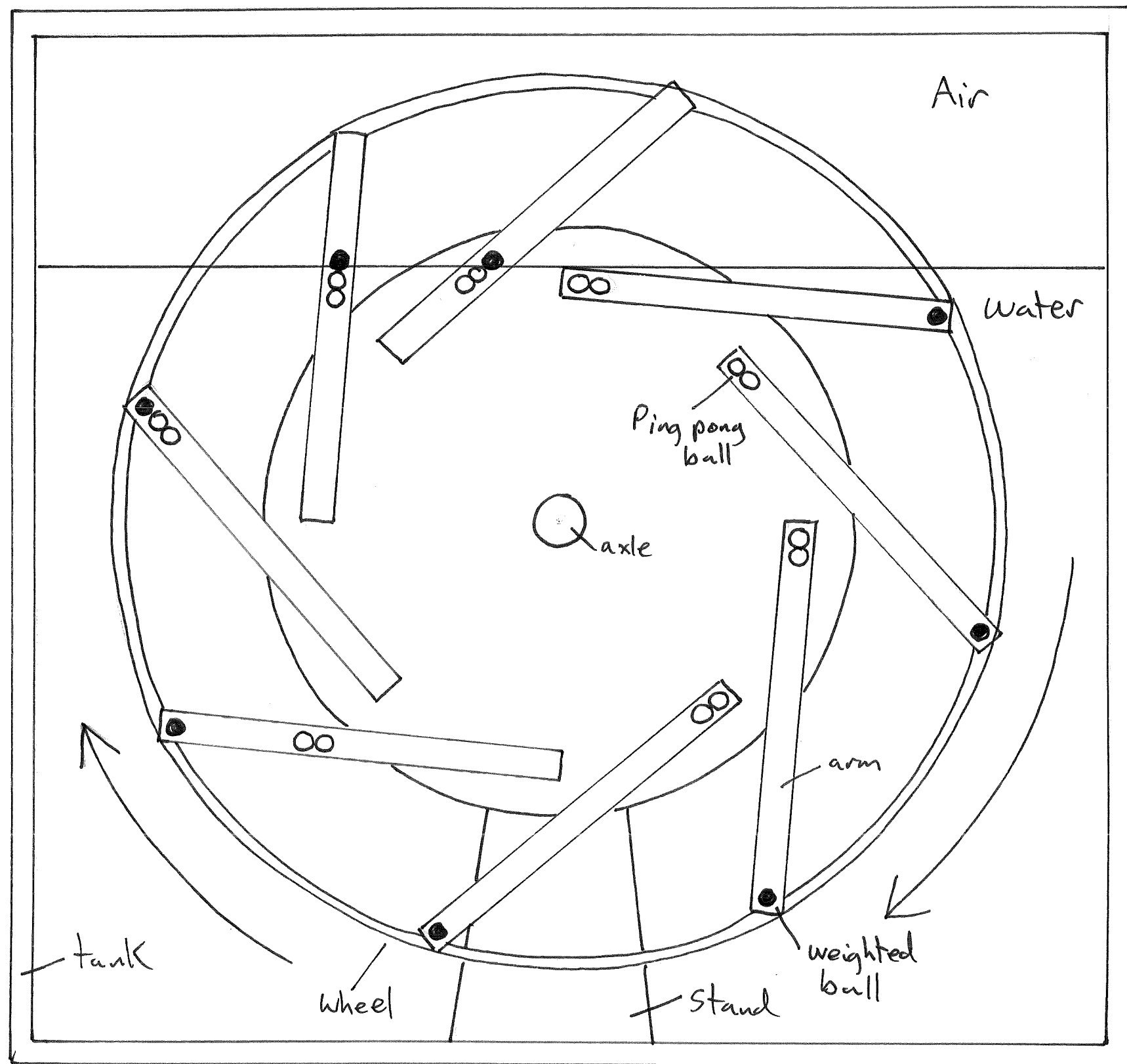


$F_g + F_b = F_{net}$
(theoretical formula only).

* Disclaimer - This design is theoretical and does not claim to achieve motion.

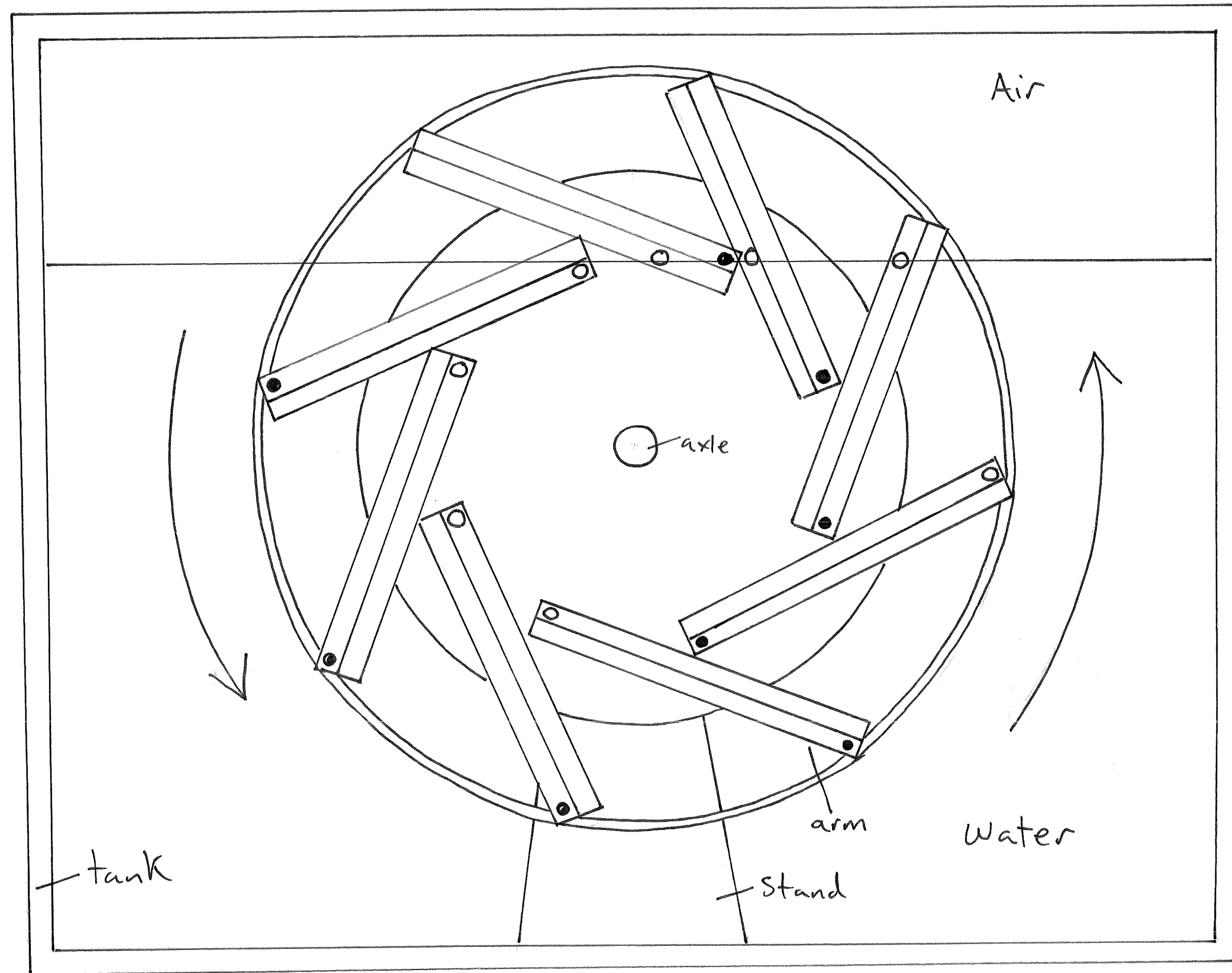


Design 3, Theoretical study, on gravity and buoyancy - By Adrian Gibbons, August 2nd, 2024



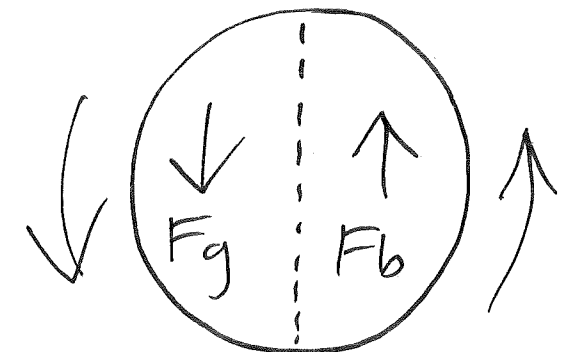
○ = Ping Pong ball
● = Weighted ball

Design 4, Theoretical study, on gravity and buoyancy. By Adrian Gibbons, August 2nd, 2024



○ = Ping Pong ball
● = Weighted ball

* Using a double barrelled arm, one that houses the Ping pong ball and the other a weighted ball.



$$F_g + F_b = F_{net}$$

