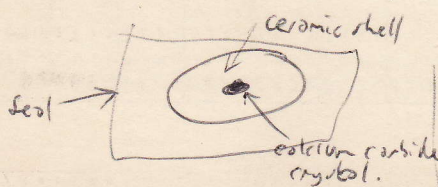


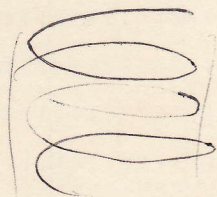
It would be useful to have a small 'ripening capsule' supplied with packets of fruit which could be 'activated' when fruit ripening was desired. It should produce C_2H_4 but not at a rate likely to cause fire risk.

A design could be one based on a ceramic or other semi-permeable capsule containing calcium carbide. This could be activated by breaking ^{impermeable} ~~seal~~ to allow water vapour in, which would cause the calcium carbide to give off acetylene, part of which would transform into ethylene. If the ceramic shell was unbroken the rate of gas formation would be very low, however it could be increased by purposely allowing liquid water to contact the shell.

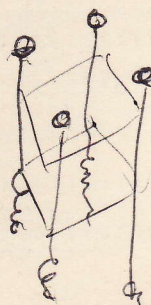


Tree Guards (or Grow Tubes)

Alternatives for mechanical or natural frames:



Spiral (if tube, could be ~~sewn~~ ^{made} ~~into~~ ^{become} full of water, containing plants). (Hole could be predrilled with rough spiral)



34 August

LENGTH OF QUANTA

Are photons definitely directional, even in, e.g. a laser beam? If so, they should have a definite length. Can the start or end of an individual quantum be detected, or would this be against Heisenberg's principle?