

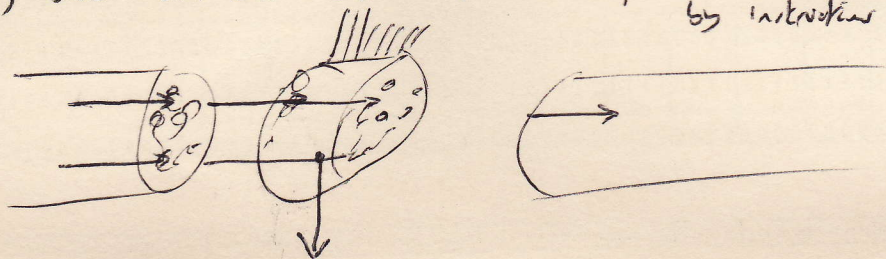
Inflatable yes, but incorporate gas cylinder (eg sparklers) and make it 'disposable' (not re-usable) - might then be feasible.

OPTICAL FIBRES TAP/JOIN

1984-May-15

Optical fibres are difficult to 'tap' and join -

It should be possible to make a standard tap/join connector ~~which~~ by 'chip-fabrication' techniques which normally just join (transmits) but can be adjusted to tap or block instead - possibly by introducing slag the cable.



OVERHEAD WATERING

1984 May 14

It has been observed that most of the underground activity of a tree (root growth, nutrient absorption etc) takes place at the 'drip line', the margin of the tree outline on the ground.

Therefore:-

- 1) The most efficient way to water a tree should be from overhead, probably from a single circular sprinkler based at the tree centre point. Probably the tree leaves are evolved to channel the water down to the drip line. Using large drops at night should minimize waste evaporation - if it really is waste.

- 2) Probably trees have evolved to absorb quite a lot of their water through leaves (esp. tropical), also water 'drawn' and



other functions for the tree which we do not know about (tree which we do not know about)