

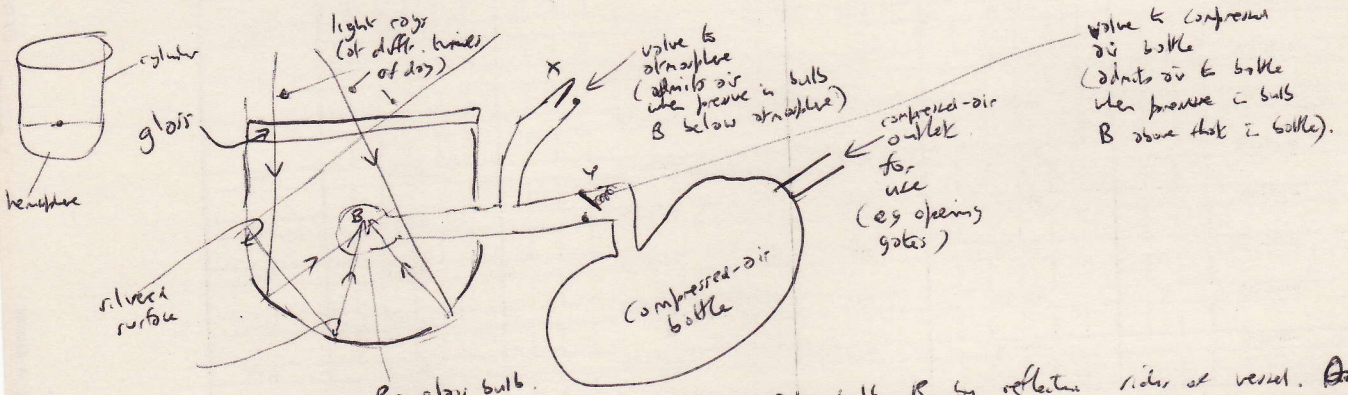
1976-9-28

231 231

Low scalpel for grafting nut trees - less
hive damage?

76-11-12

SOLAR COMPRESSED-GAS ~~FOR~~ ENERGY SOURCE
(especially suited for opening farm gates for vehicle)



B = glass bulb.
Light & heat rays pass through glass, are reflected into bulb B by reflective sides of vessel. As air in B expands, when reaches above bottle pressure (+ increment), flows into bottle partly. Pressure cylinder, valve closes, gas in B cools slightly, allows more air in from valve X.

76-11-8

RANDOM-ACCESS INDEXES

index made up of
Set up an index (word dictionary for each key and record):

27	A	931026
27	E	1023847

Number of character different from preceding record
Character which differs from preceding record.

Addresses in "key-sorted" order (e.g. alphabetical) for alpha keys

(FIB - Floating Index Byte)

Position of a record, e.g. for insertion, can often be determined by running through index (in case) from start, building up a "model record" from the number/character found in the like words. E.g. a record with key ~~two~~ or the 2 above with 'g' in column 27 is determined, or between the above 2 without any record occurs at all. A 2-level index, 1000 words in each, would cost with 1 million records.