

*This is to Certify that the
Idea, Discovery, Invention or Formula
of*

Mrs. R. Sherwood,

in connection with Car Battery Filling Device

*has been duly Registered in the Records
of*



IDEAS MARKETING POOL
LIMITED

This 26th *day of* March 1964
Registered No. 64/3/180/C14

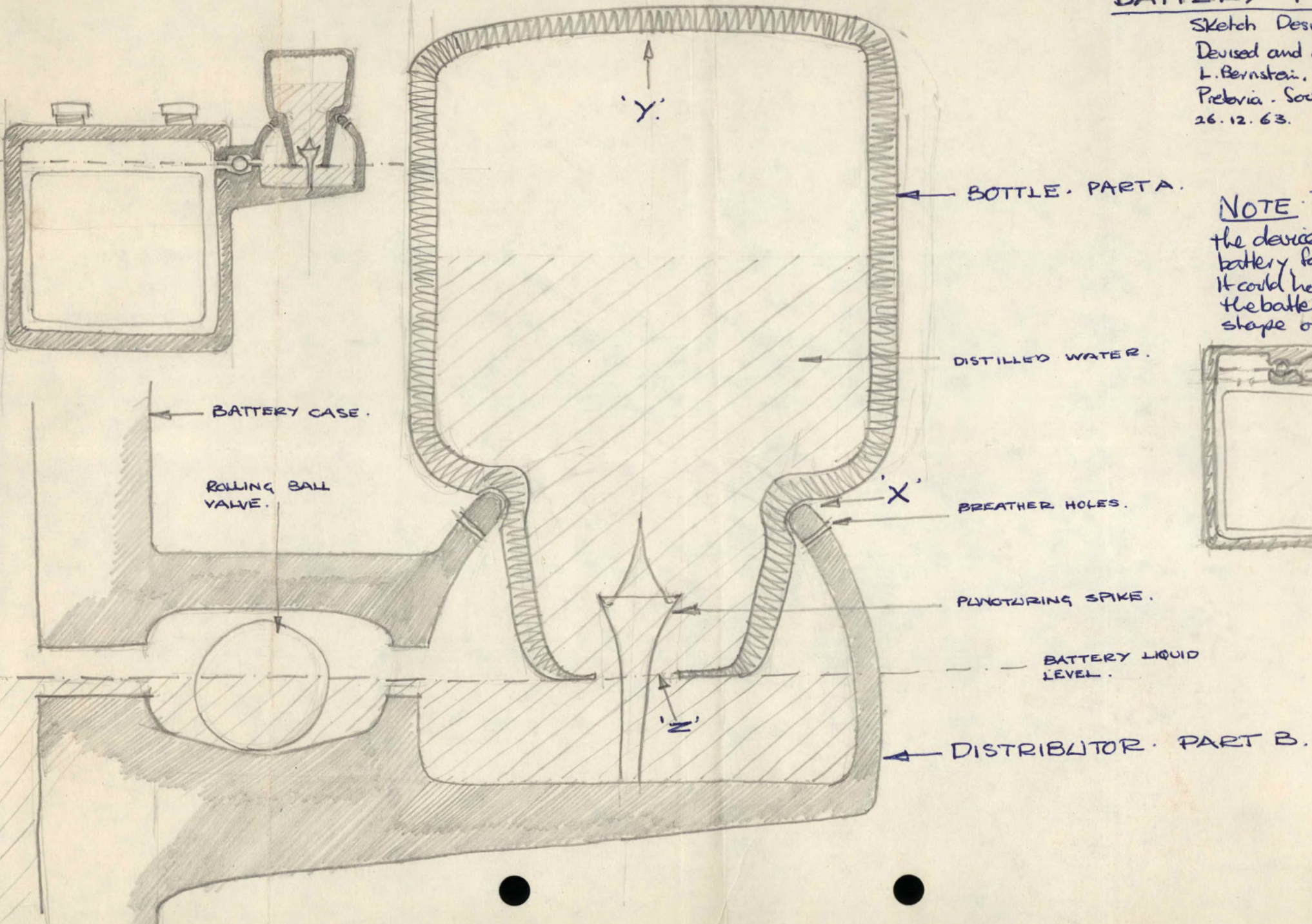
FILLING DEVICE FOR BATTERY

All cells of the battery are linked to a distributor bowl at battery acid level. This distributor (part B) has an orifice to fit a matching plastic bottle for distilled water. This bottle (Part A) is closed with a plastic membrane at the factory. It is forced down into place in the distributor by pressure, until its neck at point 'X' grips the distributor. The membrane is punctured and torn by the spike in the distributor, thus allowing the distilled water to run out up to the acid level only, on the old "poultry feeder" system. A rolling ball valve is provided (if actually needed in practice) to prevent excessive slushing of liquid when the car is in motion.

- ADVANTAGES:
- 1) Speed of filling - eliminates slow, unscrewing, torch-light examination of each cell at garage.
 - 2) A transparent plastic bottle allows level to be seen at a glance without unscrewing caps (which are now redundant)
 - 3) Batter cannot fall below liquid level, unless bottle runs dry.
 - 4) Garages will not keep (as they do in South Africa!) open jars of distilled water standing about, collecting dust before put into battery.
 - 5) Sealed bottles, while probably expensive, would have great advertising value for the battery and will force battery consumer to patronize service stations offering replacement bottles.
 - 6) Possibly bottle could be sold.

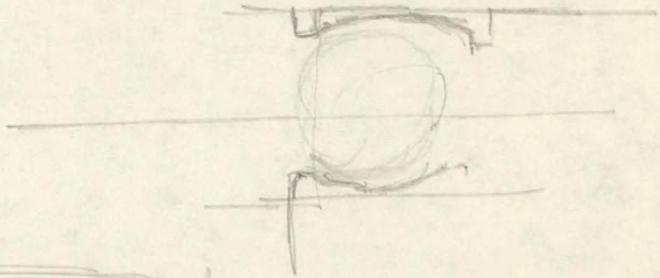
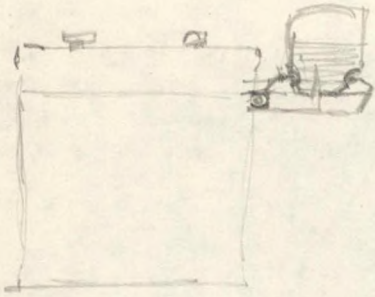
BATTERY FILLER.

Sketch Design.
Devised and drawn by
L. Bernstein,
Pretoria - South Africa.
26.12.63.

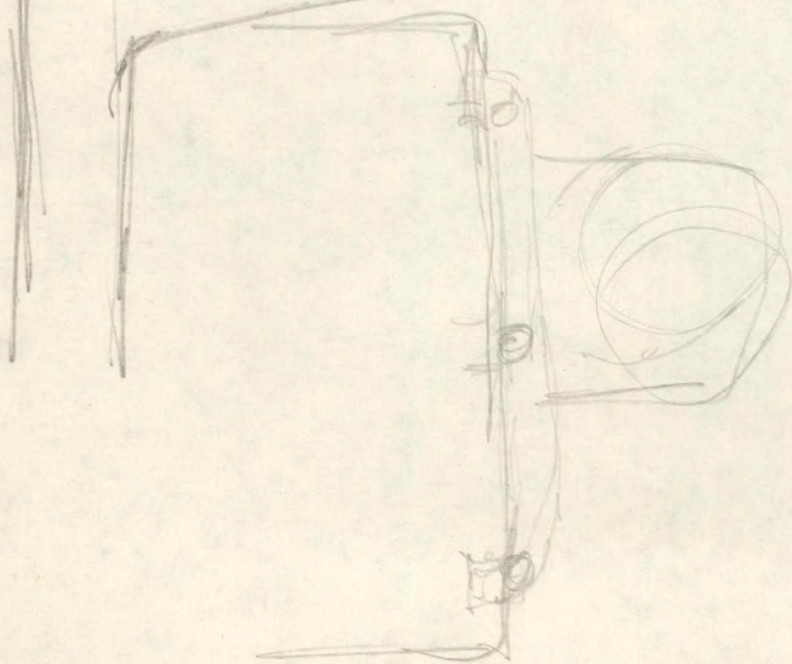
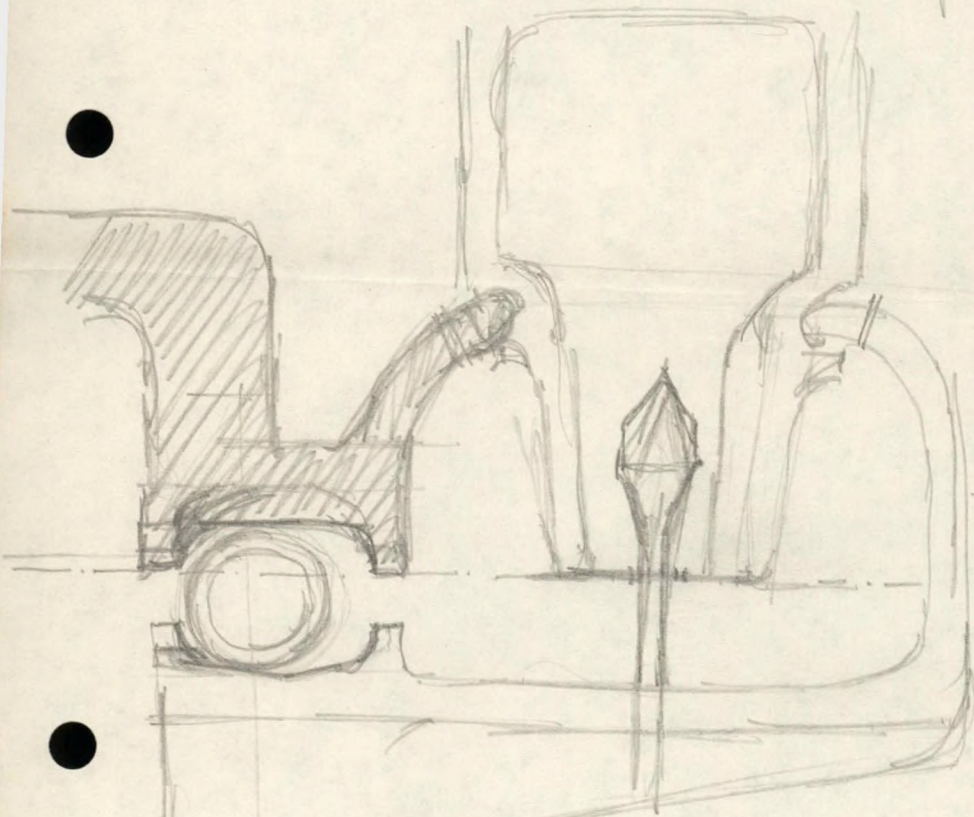


NOTE This sketch shows the device on the side of the battery for clarity in drawing. It could however be above the battery to preserve the shape of casing - as below





BATTERY FLUSE



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