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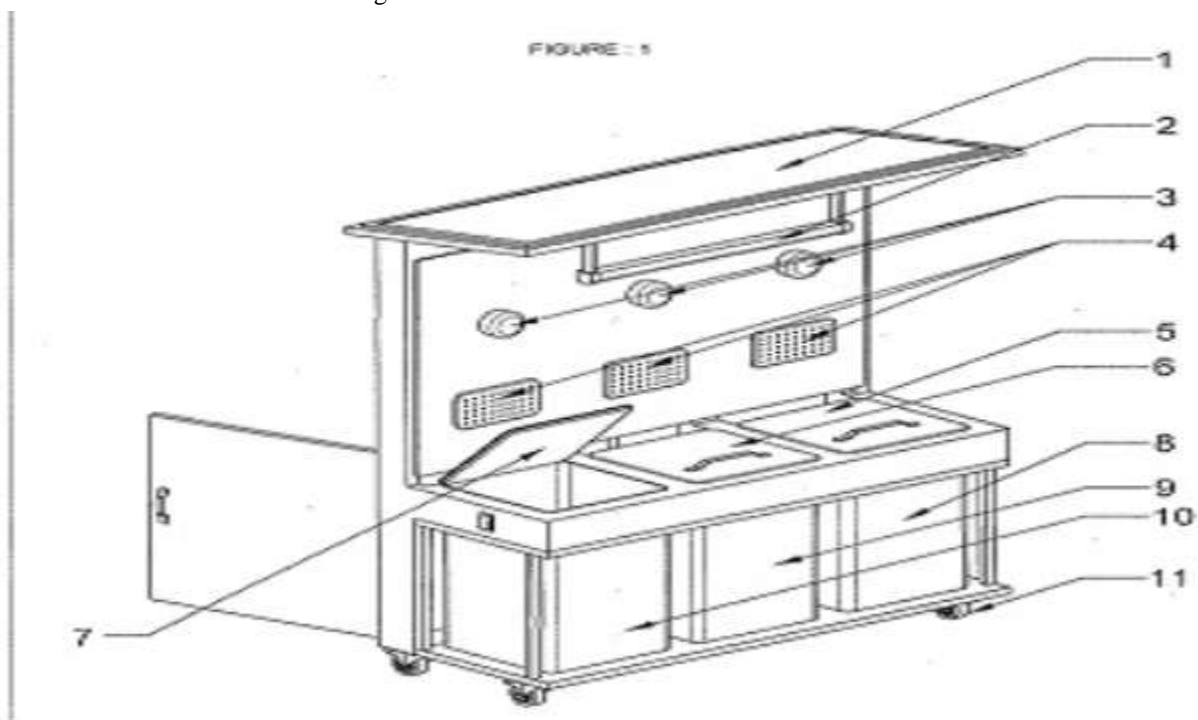
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(57) Abstract :

The main objective of this project is to design of SOLAR OPERATED DUST BIN SEGREGATOR which will help keeping our environment clean and eco friendly. The three varieties of garbage viz e-waste, plastic waste and paper waste have to be segregated and dumped into the garbage bin. It is usually done manually and segregated wastage should be dumped in separate bins. But if human error poses the problem then the waste with exact category may be dumped in wrong garbage bins which cause hardship while disposing at the garbage dumping yard which may further be processed to either recycle or to become ashes. The novel design concept is to design the dust bin which allows only the corresponding waste is allowed to be dumped in the bin with exact category. The visually impaired person is directed through voice message to put the waste, depends on the category at the appropriate garbage container which are coded and distinguished with various colors.



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