ABSTRACT

~~Disclosed are a hot melting mechanism, a fusing mechanism, a heating base mechanism, a closing and packing mechanism, a sterilization device, and an intelligent trash can. The hot melting mechanism comprises: an insulating base (12) provided with a groove (120) along the length direction; and a hot melting member (11) snap-fitted into the groove (120) and partially exposed of the groove (120). The hot melting member (11) is connected to a power supply circuit by means of a wire (13). In this way, the deformation of a hot melting working section in the length direction is controlled, so that the working edge of the hot melting member is kept straight, and the sealing effect on a garbage bag is thus effectively improved.~~ An intelligent trash can includes a closing and packing mechanism for automatic closing of a garbage bag. The closing and packing mechanism include a pair of first pressing rods and a second pressing rod. The pair of first pressing rods are configured for being synchronously approached or synchronously moved away under the driving of a first belt transmission unit. The second pressing rod is perpendicular to the pair of first pressing rods. The second pressing rod is configured to perform linear reciprocating motion along a length direction of the pair of first pressing rods under the driving of the second belt transmission unit.

<Figure 1>

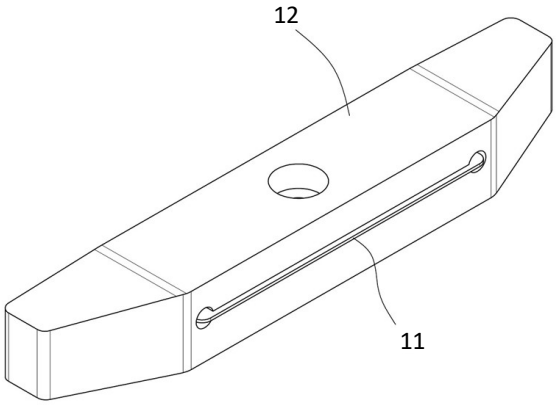


FIG. 1

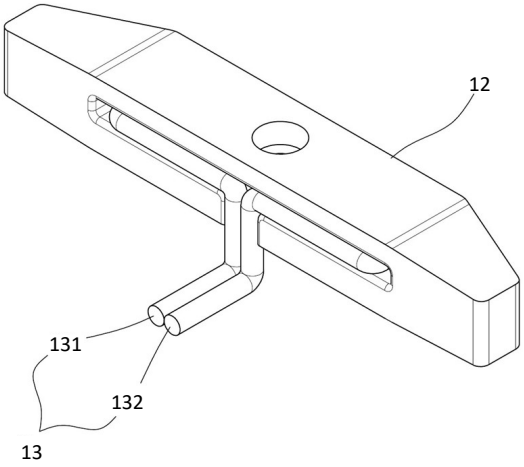


FIG. 2

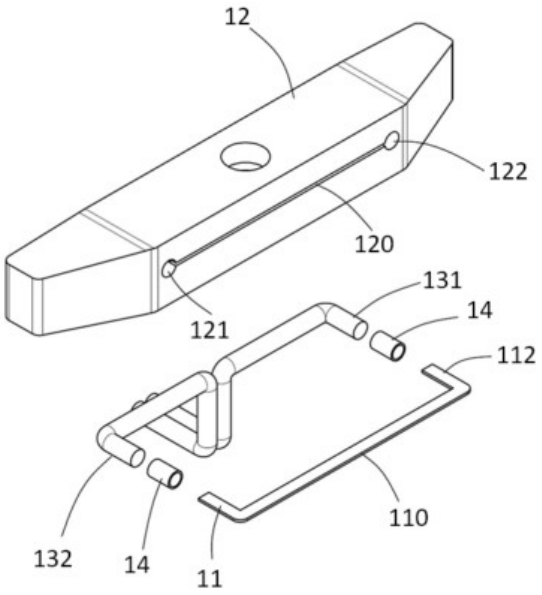


FIG. 3

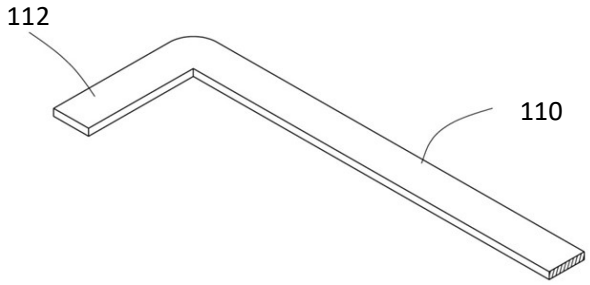


FIG. 4

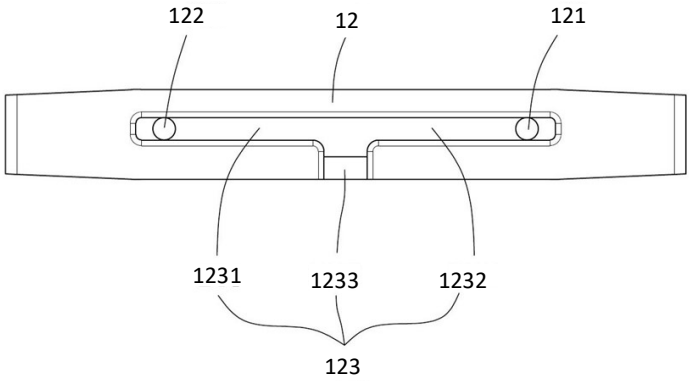


FIG. 5

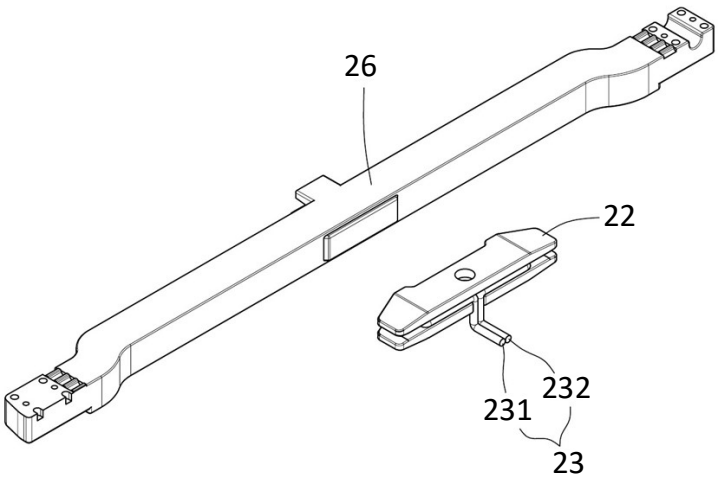


FIG. 6

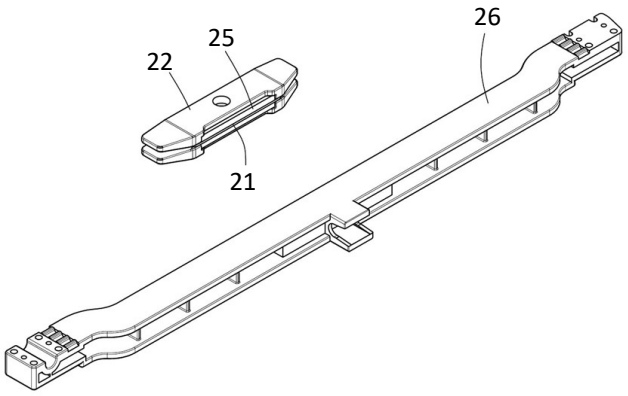


FIG. 7

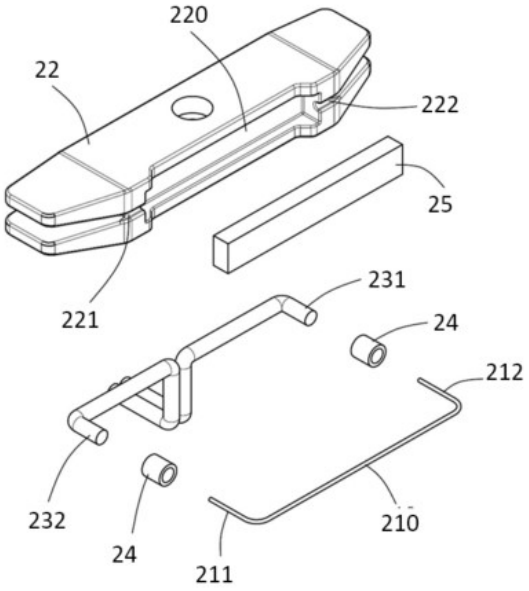


FIG. 8

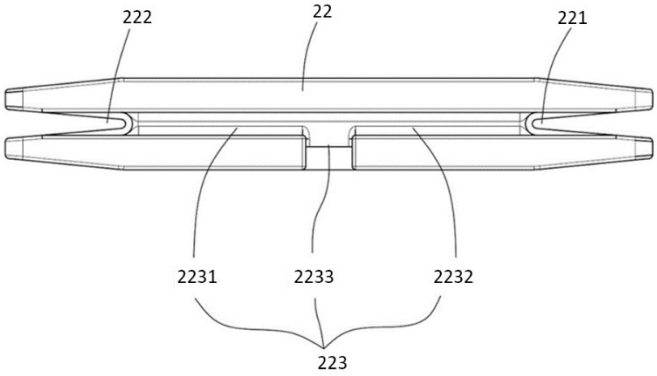


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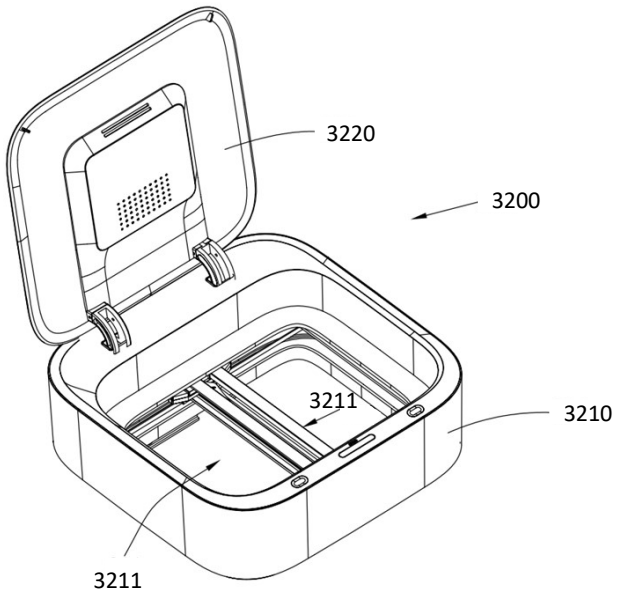

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FIG. 10

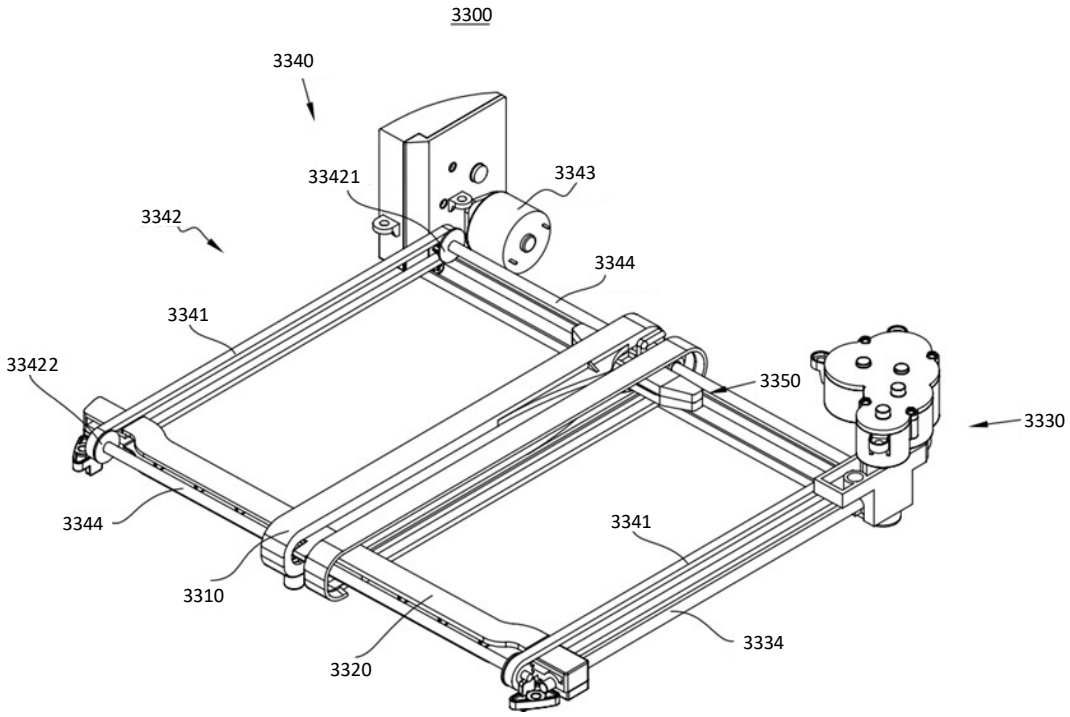

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FIG. 11

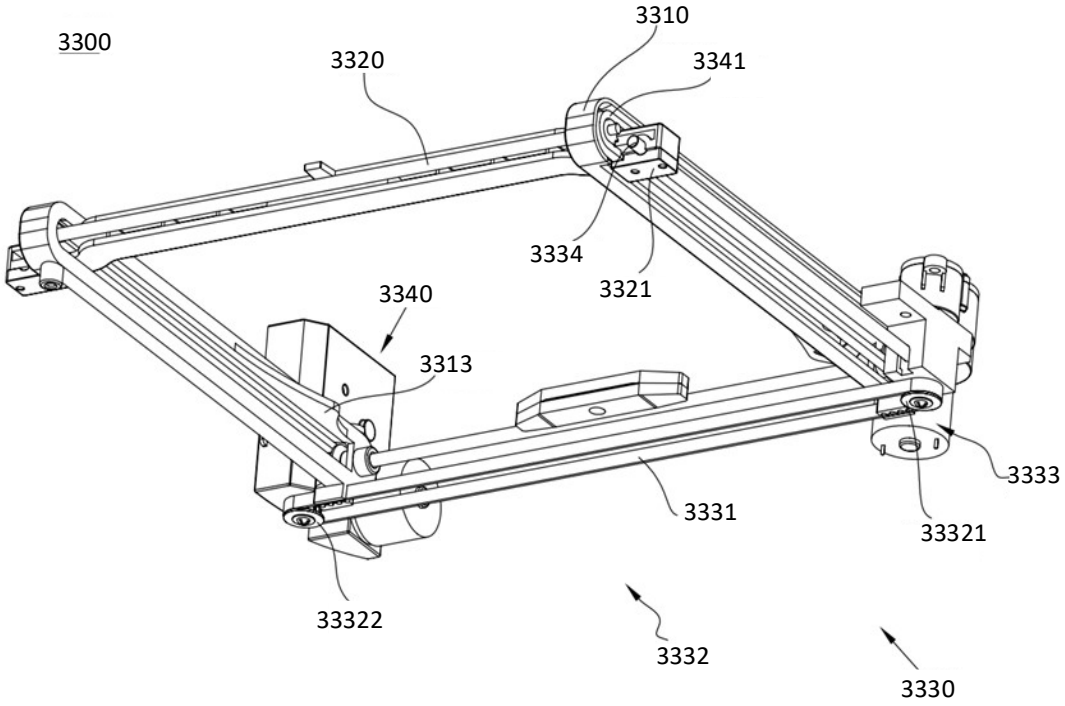


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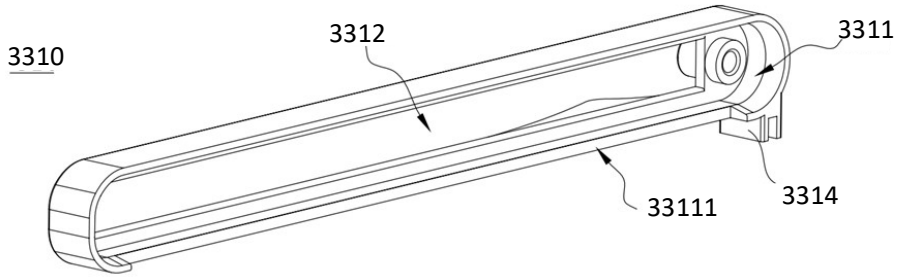


FIG. 13

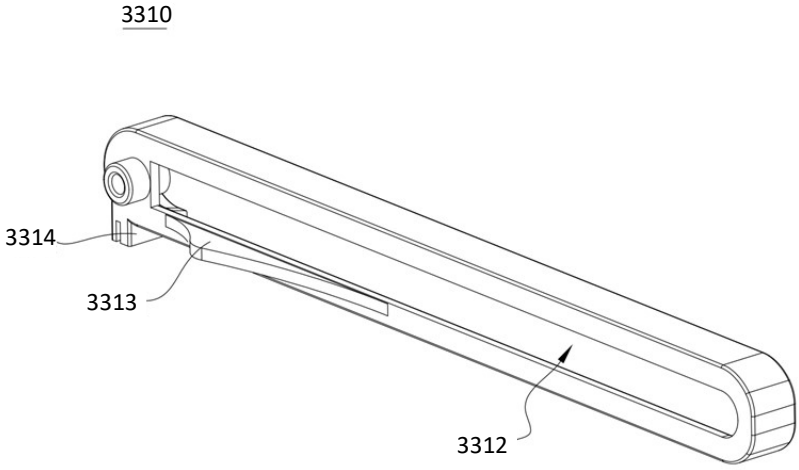


FIG. 14

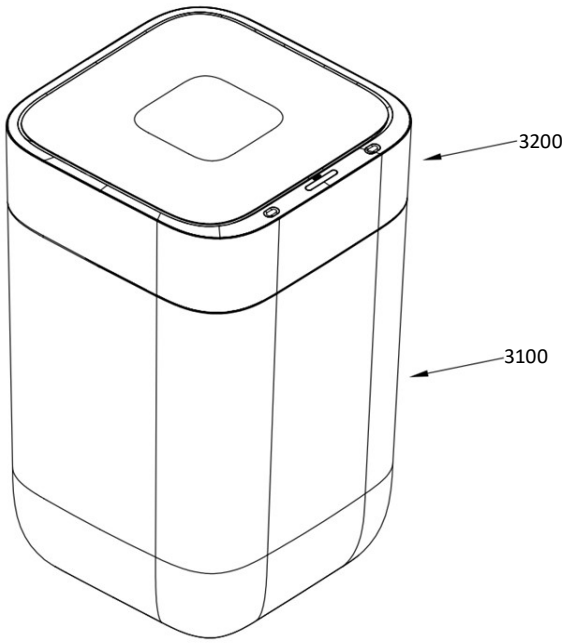


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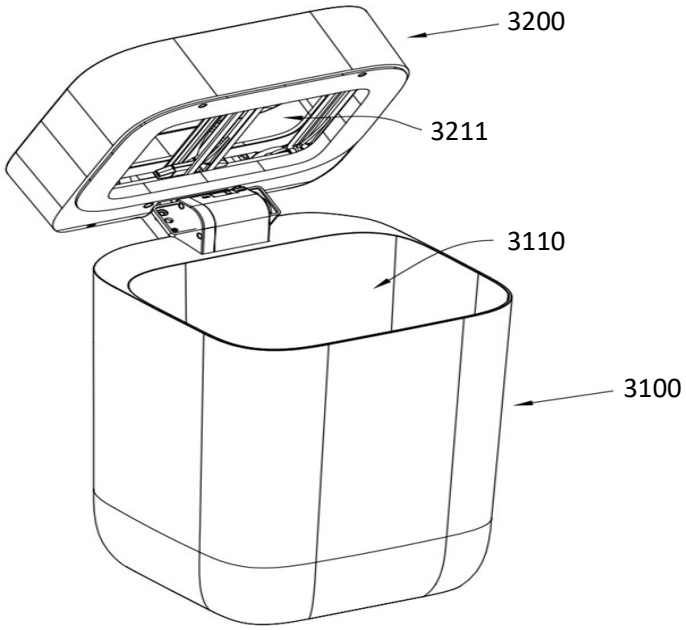


FIG. 16

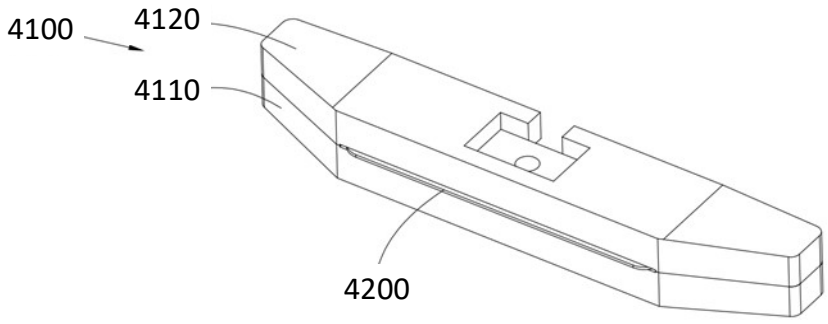


FIG. 17

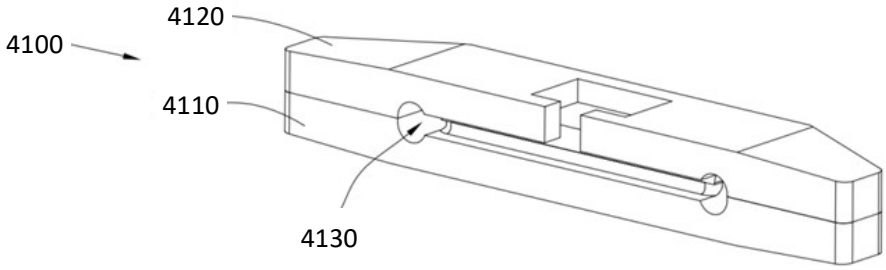


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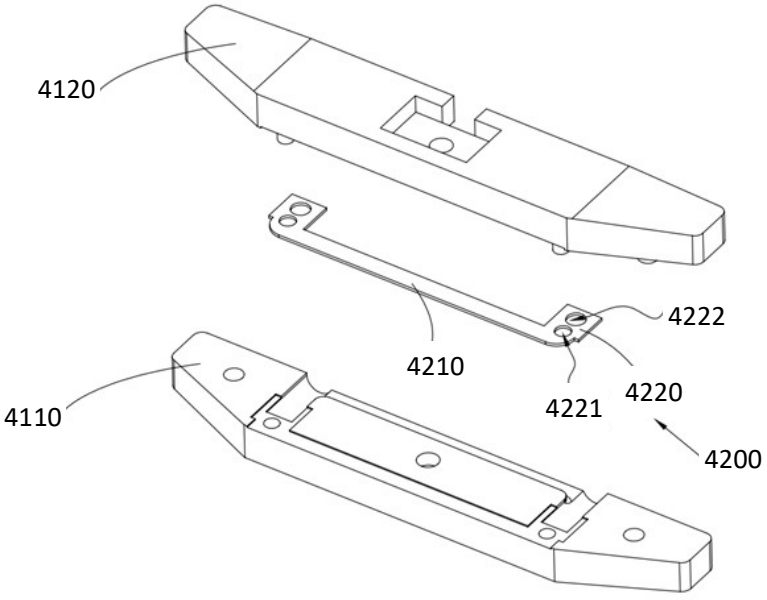


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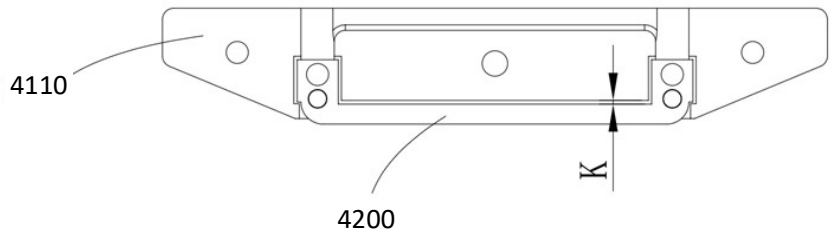


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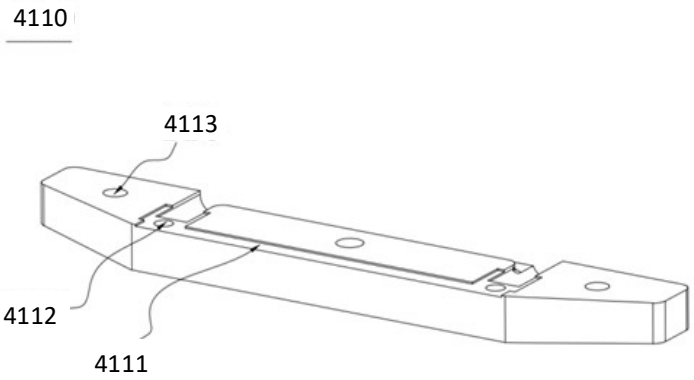


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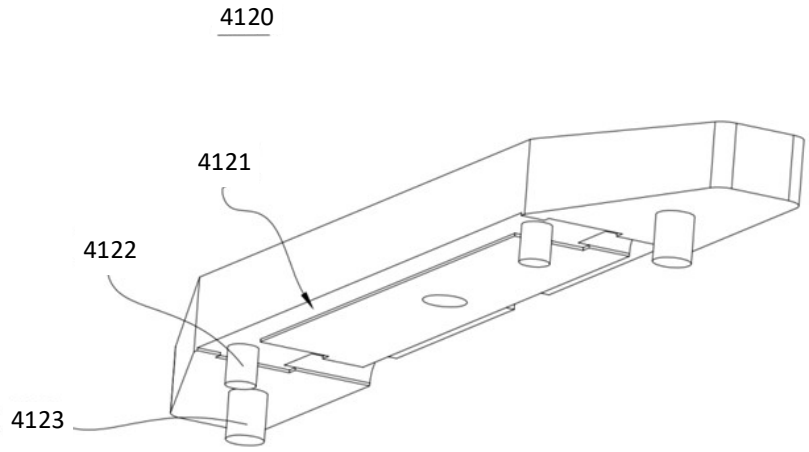


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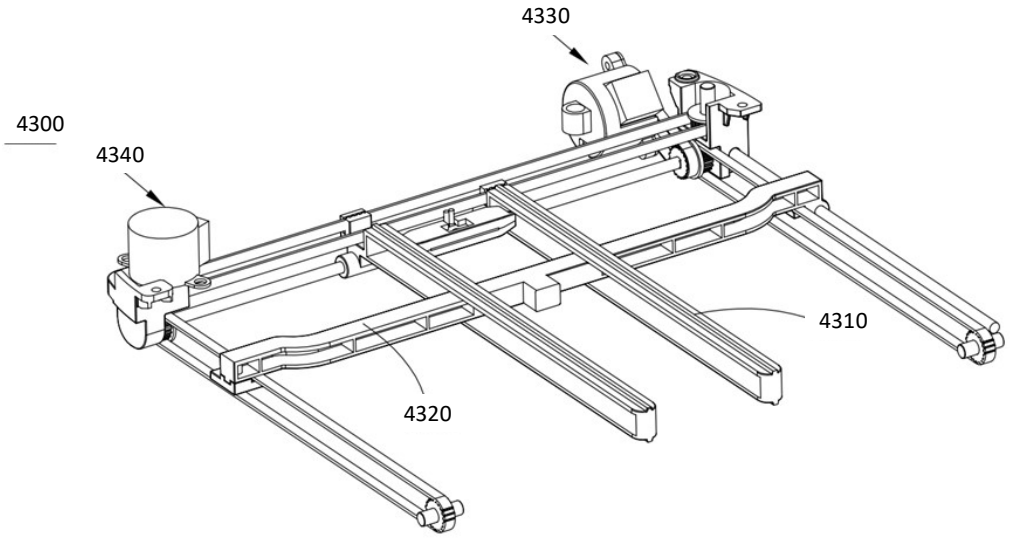


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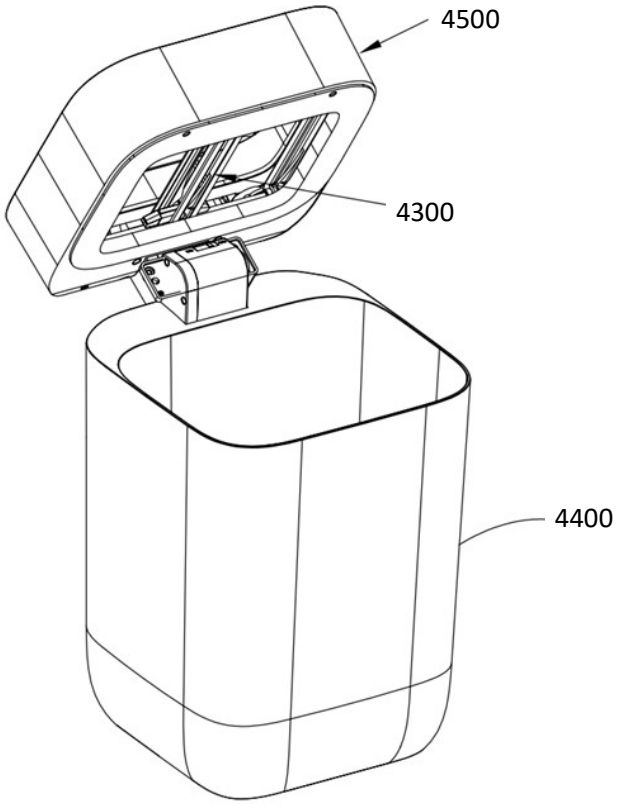


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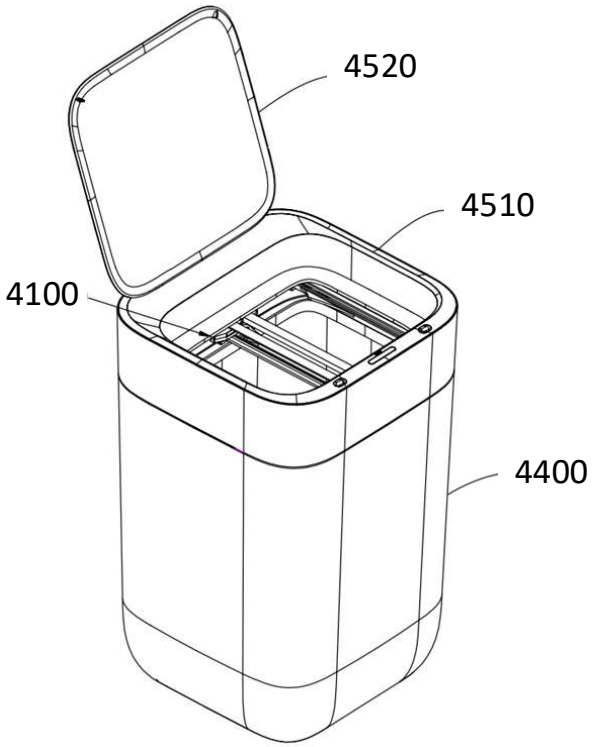


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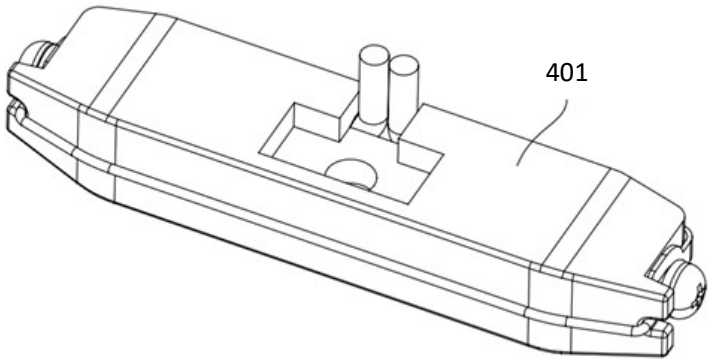


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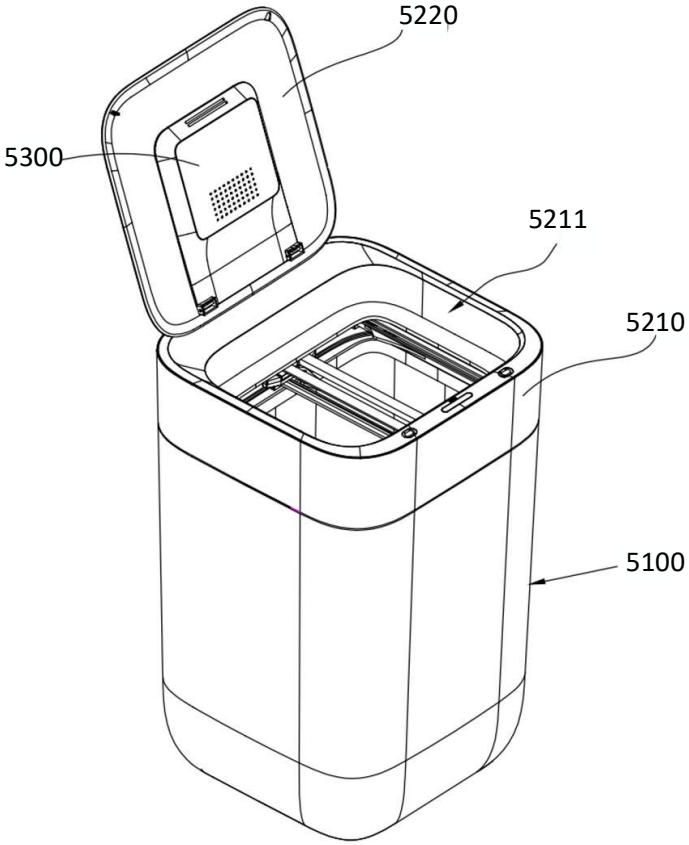


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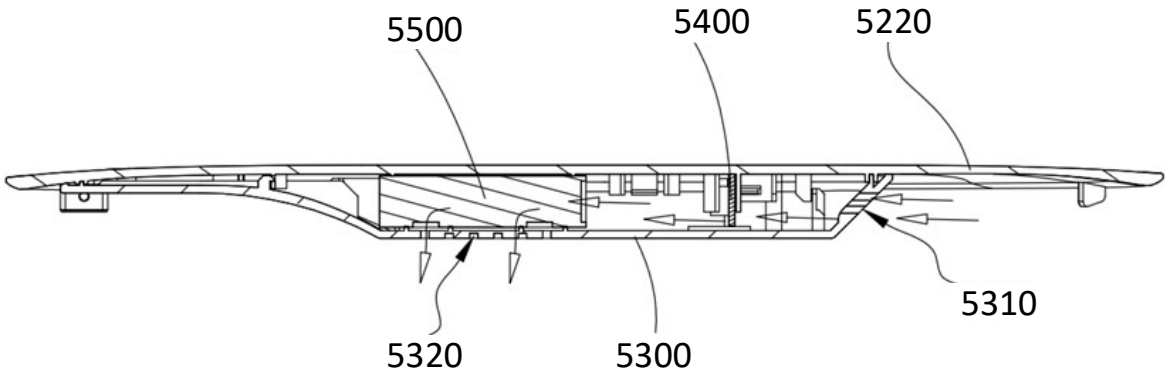

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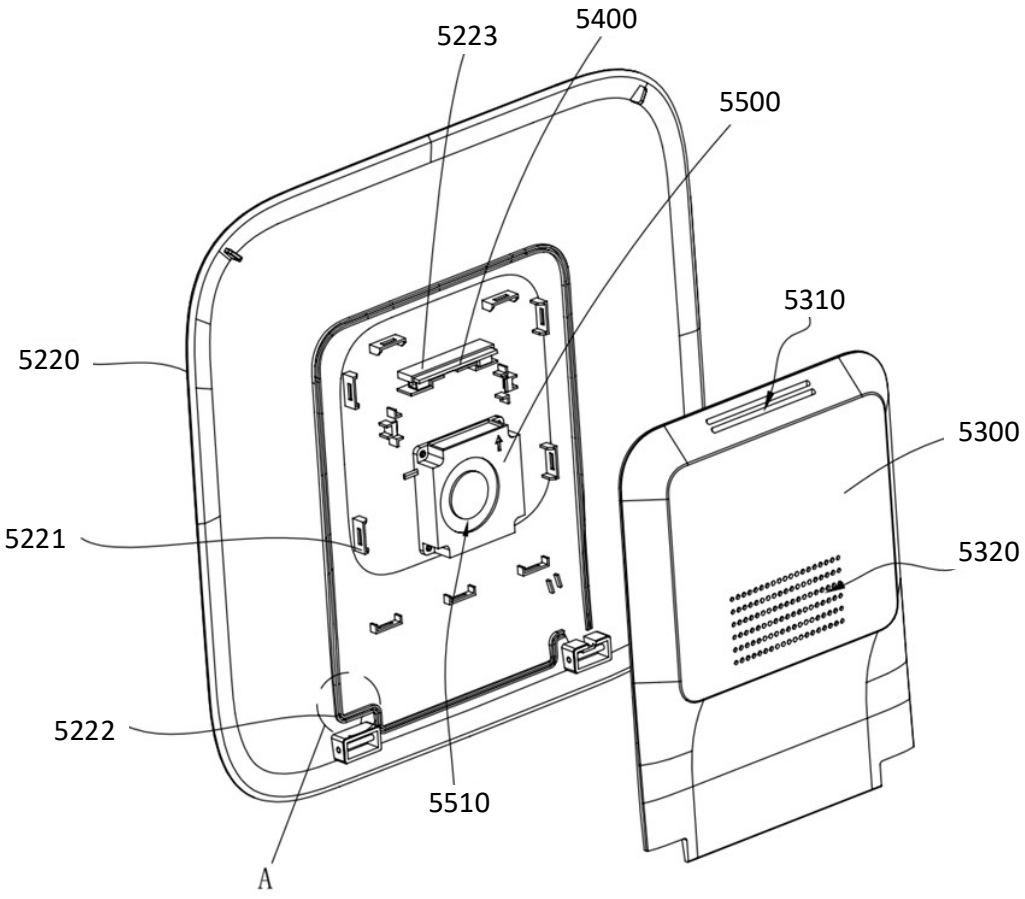

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FIG. 29

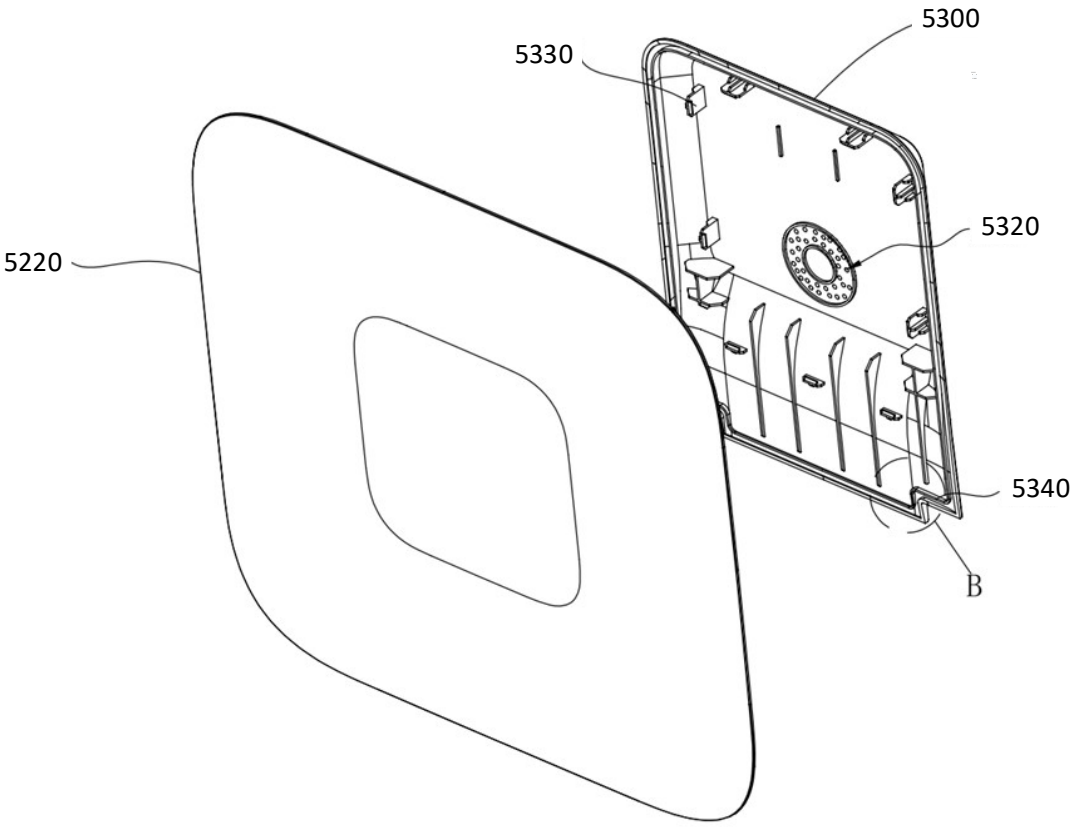


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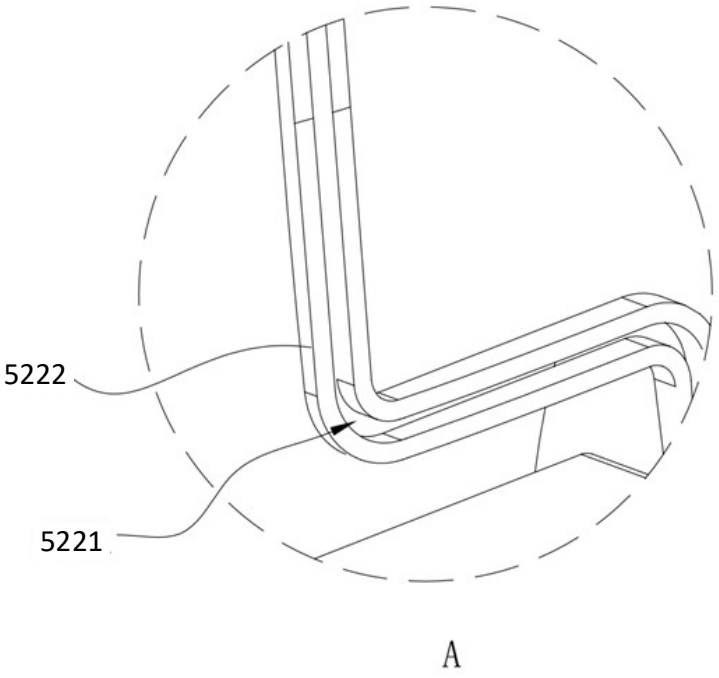
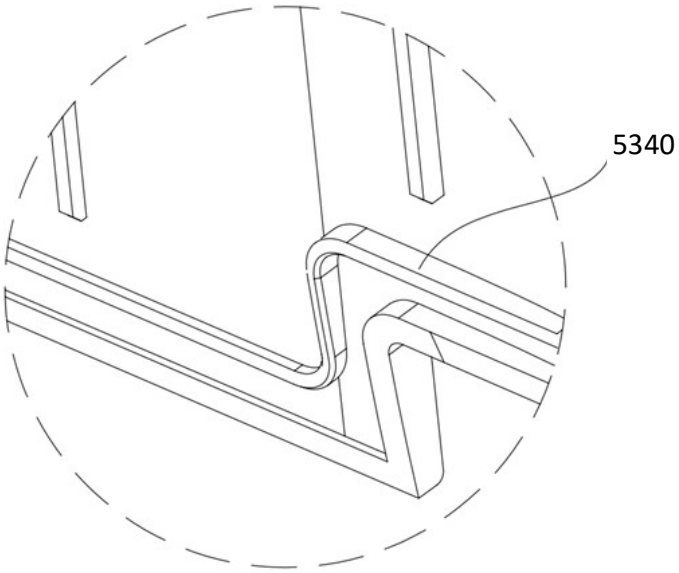


FIG. 31



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FIG. 32

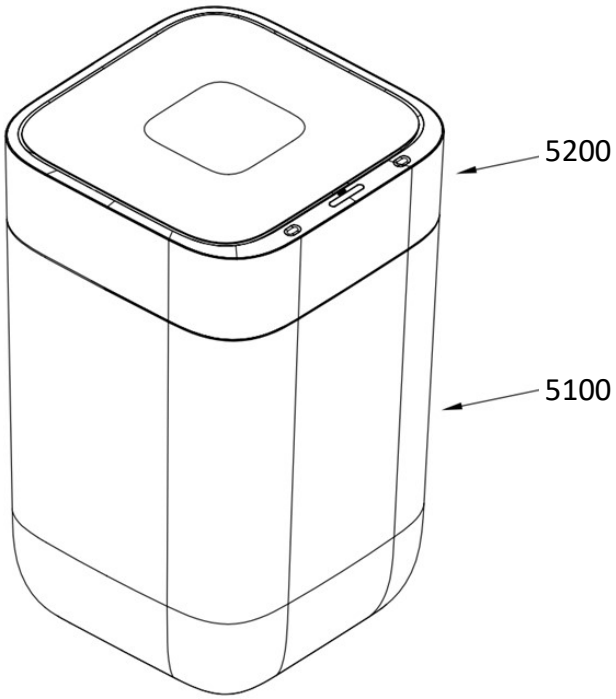


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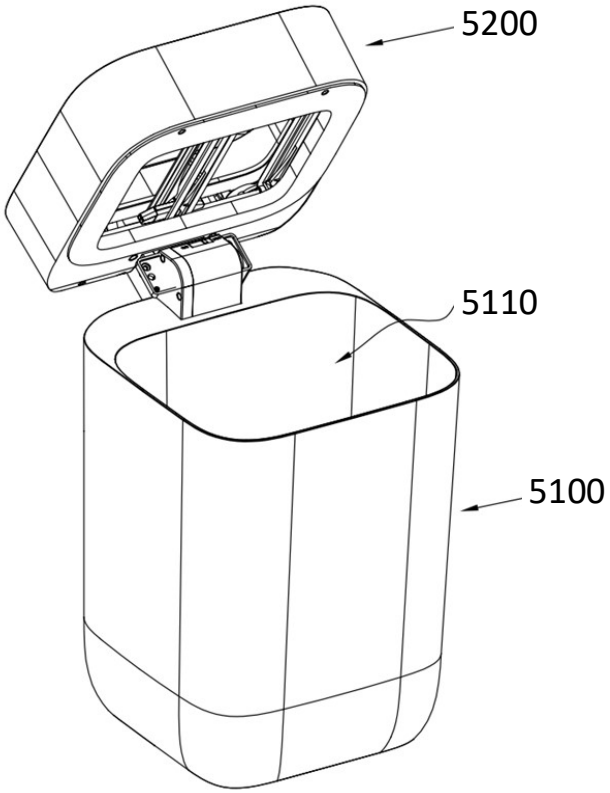


FIG. 34