

ABSTRACT

MASK BOX HAVING A BUCKLING STRUCTURE

5 A mask box having a buckling structure includes a base, a cover and a plurality of buckling elements. The base is configured to support a mask and has a plurality of troughs. The cover covers the base and has a plurality of pivotal portions. The buckling elements are positioned to correspond to the troughs. Each buckling element includes an engaging block and an elastic arm connected to the pivotal portion. The engaging block moves away from the periphery of
10 the cover when the engaging block is subjected to an external force. The engaging block is buckled into the trough via an elastic restoring force of the at least one elastic arm when the external force is removed. By this arrangement, the assembly of the buckling elements is simplified and its product cost is reduced. Further, the present invention conforms to the requirements for environmental protection.

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[FIG. 3]