

ABSTRACT

FAN DEVICE HAVING SIMULTANEOUSLY FOLDABLE BLADES

A fan device having simultaneously foldable blades includes a rotatable driving unit 10. A plurality of supporting frames 11 extend outwardly from the driving unit 10, each supporting frame 11 has a pivot 12 mounted on one end thereof. A plurality of shells 20 are respectively mounted on the supporting frames 11, each shell 20 has a center hole 21 defined therein. A plurality of blades 40 are respectively disposed on the shells 20. Each blade 40 has an assembling portion 41 disposed thereon. Each assembling portion 41 has a through hole 42 defined therein. A plurality of coupling rods 30 respectively positioned between every two adjacent shells 20. When the driving unit 10 rotates, the shells 20 synchronously rotate and driving the coupling rods 30 to be moved for simultaneously driving the blades 40 to retractably fold/unfold.

Fig. 1