Claims

1. A multi-functional door-cum-furniture product comprising: a supporting frame and a component board, characterized in that the product further comprises a plurality of supporting rods, where the supporting rods and the component boards are spliced, folded and assembled by a plurality of connecting means in such a way that, the component boards can be rotated and folded in different directions along the supporting rods to form doors or furniture of different shapes.

2. The multi-functional door-cum-furniture product according to Claim 1, wherein the component board is formed by joining a plurality of foldable polygonal boards, where at least two adjacent polygonal boards are foldable oppositely.

3. The multi-functional door-cum-furniture product according to Claim 1, wherein the connecting means are fasteners, hook-and-loop fasteners or magnetic elements.

4. The multi-functional door-cum-furniture product according to Claim 2, further comprises a material pad arranged on at least one surface of the polygonal boards.

5. The multi-functional door-cum-furniture product according to Claim 1, wherein the supporting frame is formed by perpendicularly arranging three supporting rods in a staggered mode in a three-dimensional space or arranging two supporting rods in parallel in a two-dimensional space.

6. The multi-functional door-cum-furniture product according to Claim 1, wherein the fasteners or hook-and-loop fasteners or magnetic elements used for sticking the component boards on the inner edges of the supporting frame.