WHAT IS CLAIMED IS:

1. A spring drive system for a window shade, comprising:

a housing;

a first rotary drum affixed with a first gear and pivotally connected with the housing, the first rotary drum being connected with a first suspension cord;

a second rotary drum affixed with a second gear and pivotally connected with the housing, the second rotary drum being connected with a second suspension cord;

a third gear pivotally connected with the housing, the third gear being respectively meshed with the first and second gears;

a first and a second spool respectively pivotally connected at two opposite sides of the third gear, the first and second spools being arranged coaxial to the third gear and respectively rotatable relative to the third gear; and

a first spring having a first and a second end respectively anchored with the first rotary drum and the first spool, and a second spring having a third and a fourth end respectively anchored with the second rotary drum and the second spool;

wherein the first and second springs respectively unwind from the first and second spools and respectively wind around the first and second rotary drums when the first and second rotary drums rotate to respectively unwind the first and second suspension cords therefrom, and the first and second springs respectively unwind from the first and second rotary drums and respectively wind around the first and second spools to drive

respective rotations of the first and second rotary drums for respectively winding the first and second suspension cords.

2. The spring drive system according to claim 1, wherein the first rotary drum has a first and a second drum surface at two opposite sides of the first gear that are respectively connected with the first suspension cord and the first spring, the second rotary drum has a third and a fourth drum surface at two opposite sides of the second gear that are respectively connected with the second suspension cord and the second spring.

3. The spring drive system according to claim 2, wherein the third gear is respectively meshed with the first and second gears in a common plane, the first drum surface is located at a first side of the common plane, and the third drum surface is located at a second side of the common plane.

4. The spring drive system according to claim 1, wherein the third gear is affixed with a first and a second shaft portion at two opposite sides, and the first and second spools are respectively connected pivotally about the first and second shaft portions.

5. The spring drive system according to claim 1, wherein the first rotary drum and the first gear are rotatable relative to the housing about a first pivot axis, the second rotary drum and the second gear are rotatable relative to the housing about a second pivot axis, and the third gear is rotatable relative to the housing about a third pivot axis, the first through third pivot axes are substantially aligned along a same line.

6. The spring drive system according to claim 5, wherein the first suspension cord extends from the first rotary drum at a first side of the line, and the second suspension cord extends from the second rotary drum at a second side of the line.

7. The spring drive system according to claim 1, further including a first and a second tensioning plate respectively arranged near the first and second rotary drum, the first and second tensioning plates respectively pressing on the first and second suspension cords.

8. The spring drive system according to claim 1, wherein the first and second springs are ribbon springs.

9 A cordless window shade comprising:

a headrail;

a shading structure having an upper and a lower end, the upper end being connected with the headrail;

a bottom part connected with the lower end of the shading structure; and

the spring drive system according to claim 1, the housing of the spring drive system being affixed with the bottom part, the first and second suspension cords having ends respectively affixed with the headrail, the first and second springs of the spring drive system being configured to counteract a weight applied on the bottom part to sustain the bottom part in a stationary position.

10. The cordless window shade according to claim 9, wherein the first and second springs respectively bias the first and second rotary drums to rotate for respectively

winding the first and second suspension cords when the bottom part rises toward the headrail.

11. The cordless window shade according to claim 10, wherein the first, second and third gears are placed generally horizontally in the bottom part.

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