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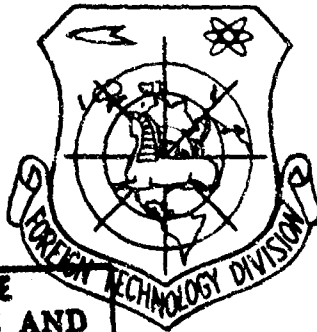
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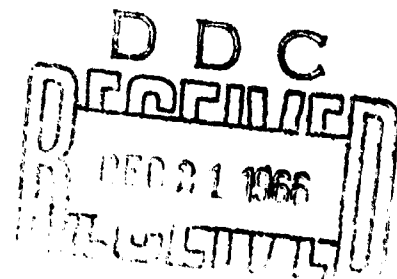
PARACHUTE

by

Ye. F. Yefremov, G. V. Petkus and K. S. Morozov



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UNEDITED ROUGH DRAFT TRANSLATION

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By: Ye. F. Yefremov, G. V. Petkus and K. S. Morozov

English pages: 2

SOURCE: Patent No. 171274 (Appl. No. 460905/40-23,
January 4, 1965), pp. 1-2.

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PARACHUTE

Ye. F. Yefremov, G. V. Petkus and K. S. Morozov

There are parachutes with a canopy in the form of a circular belt.

The peculiarity of the design of the proposed parachute consists of the presence of a small hemispherical canopy placed in the center of a circular belt and connected with it by mutually perpendicular shroud lines.

This parachute has a higher coefficient of lift and greater stability than the parachutes now in production.

Figures 1 and 2 show the described parachute.

Circular (equatorial) belt 1 of the parachute, and also its small (central) hemispherical canopy 2, are made from percale. The main shroud lines 3, which are divided at their upper ends (one end is connected with the external side of the canopy and the other to the internal), are connected to the circular belt. Shroud lines 3 are connected to eye ring 4.

The small canopy has auxiliary shroud lines 5, which are connected with the central shroud line 6, which is fastened to eye ring 4. This canopy is kept in the center of the circular belt by radial shroud lines, with one set of their ends attached to the rim of the small canopy and the other set attached to the internal edge of the circular belt.

At the moment of opening this parachute experiences significantly lower g-forces in comparison with the g-forces experienced by a parachute of the ordinary design. The expenditure of material on this parachute is less.

7/ Object of the Invention

This parachute with a canopy in the form of a circular belt, is ~~different in that~~ to increase its coefficient of lift and its stability, it is equipped with a small hemispherical canopy, the shroud lines of which go through an eye ring that is fastened to the central shroud line and the external rim is connected with the internal edge by four mutually perpendicular shroud lines.

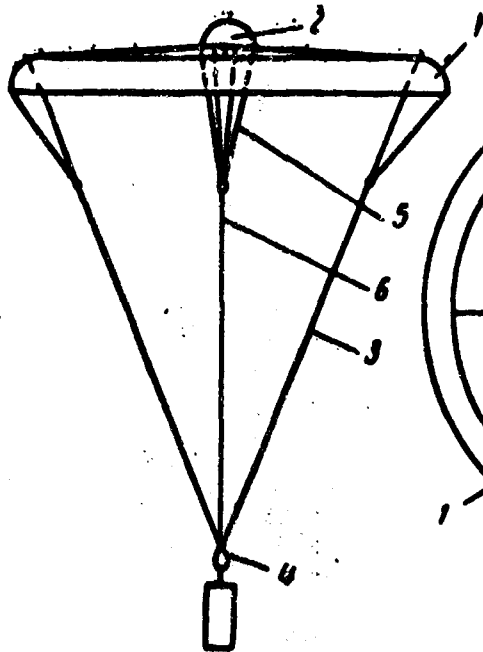


Fig. 1

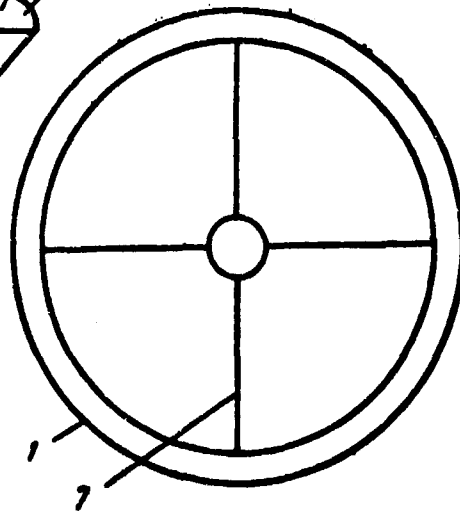


Fig. 2