



(12) **United States Patent**  
**Murdoch et al.**

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(54) **BACKPACK AND WAIST BAG CARRYING SYSTEM**

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(\* ) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 8 days.

This patent is subject to a terminal disclaimer.

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(52) **U.S. Cl.**  
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(58) **Field of Classification Search**

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USPC ..... 224/195, 581-583, 628, 630, 631, 645, 224/646, 647-650, 652, 654, 672, 676, 224/681-683, 901-901.8

See application file for complete search history.

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(57) **ABSTRACT**

The invention provides improved backpack and waist bag carrying systems in which a waist bag rotates through a lower compartment of a backpack to allow the bearer of the backpack to access the contents of the receiver of the waist bag by rotating the waist bag to the front of the bearer's torso.

**8 Claims, 21 Drawing Sheets**

