



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

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(54) **TRAY SYSTEM FOR DISPLAY, STORAGE AND TRANSPORTATION OF BOTTLES**

USPC ..... 220/509, 514, 515, 519; 206/433, 521, 206/523, 585, 587, 588, 514, 821, 509, 511  
See application file for complete search history.

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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 0 days.

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**Related U.S. Application Data**

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(51) **Int. Cl.**  
**B65D 71/70** (2006.01)  
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(57) **ABSTRACT**

A tray system for display, storage and transportation of bottles includes a first tray having a plurality of stacking units. Each stacking unit can include a lower receptacle for receiving a neck portion of a first bottle. Each stacking unit can also include an upper receptacle for receiving a base portion of a second bottle to be stacked vertically above a first bottle. The lower receptacle can include a first end, a second end opposite the first end, and a sidewall connecting the first end with the second end. The first end forms an opening for receiving a neck of the first bottle into the lower receptacle. The lower receptacle further includes a protective element. The protective element can be attached to the lower receptacle to provide a protective guard between the lower receptacle and a shoulder portion of the first bottle received in the lower receptacle.

(52) **U.S. Cl.**  
CPC ..... **B65D 71/70** (2013.01); **B65D 1/243** (2013.01); **B65D 2501/24019** (2013.01); **B65D 2501/24267** (2013.01)

(58) **Field of Classification Search**  
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**21 Claims, 15 Drawing Sheets**

