

(12) **United States Patent**  
**Biddell**

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(54) **FILTRATION CONTAINER**  
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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 59 days.

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CPC ..... **B01D 35/30** (2013.01); **B01L 3/5021**  
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(57) **ABSTRACT**  
A filtration container for concentration of macromolecules is insertable into a filtrate recovery tube (5) and has an upper portion (2), a central portion (3) axially adjoining the upper portion (2), and a lower portion (4) axially adjoining the central portion (3). The upper portion (3) forms a hollow-cylindrical sample container (7) with an inlet opening (9) on its upper end face (8). The downwardly tapering central portion (3) has a filtration chamber (11) with two mutually opposed main walls (12, 13) running down toward one another. At least one of the main walls (12, 13) has a filter window (16) for receiving a planar membrane filter (17). The lower portion (4) forms a retentate chamber (21) adjoining the lower edge (18) of the filter window (16). A base (26) of the retentate chamber (21) slopes down on one side laterally.

(58) **Field of Classification Search**  
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See application file for complete search history.

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