CLAIMS

1. A sorbent cartridge comprising:

a housing sized and shaped to accept multiple sorbent cartridge casings in a desired order;

a zirconium casing located within the housing;

at least one additional casing located within the housing and selected from a second zirconium casing, a mechanical filter casing, an activated carbon and filter casing, a urease casing, or an anion exchange resin casing;

wherein each casing includes a seal that seals to another one of the casings or to the housing when the housing is closed for treatment, such that fluid traveling through the housing during treatment is prevented from leaking between the casings and between the housing and the casings; and

wherein each zirconium casing provided includes a refurbished zirconium compound.

2. The sorbent cartridge of claim 1, wherein the housing is conically sized and shaped to accept multiple sorbent cartridge casings in a desired order and orientation.

3. The sorbent cartridge of claim 1, wherein the first zirconium casing and the second zirconium casing if provided include an $Na^{+}ZP$ casing and an $H^{+}ZP$ casing.

4. The sorbent cartridge of claim 1, wherein the first zirconium casing and the second zirconium casing if provided are located in parallel within the housing.

5. The sorbent cartridge of claim 1, wherein the first zirconium casing and the second zirconium casing if provided are located in series within the housing.

6. The sorbent cartridge of claim 1, wherein the housing is closed at its exit end and openable at its inlet end via a removable cap.