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61/234,302 16 August 2009 (16.08.2009) US(71) Applicant (for all designated States except US): **G-CON, LLC** [US/US]; 6161 Imperial Loop, College Station, TX 77845 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **HOLTZ, R., Barry** [US/US]; 4018 Norfolk Street, Houston, TX 77027 (US). **ARLEDGE, Troy** [US/US]; 8769 Fm 2095, Gause, TX 77857 (US). **MAPLES, Phillip, B.** [US/US]; 1850 St. Charles Avenue, Pilot Point, TX 76258 (US). **SHANAHAN, David, M.** [US/US]; 5130 Yolanda Lane, Dallas, TX 75229 (US).(74) Agents: **CHALKER, Daniel, S.** et al.; Chalker Flores, LLP, 2711 LBJ Freeway, Suite 1036, Dallas, TX 75234 (US).

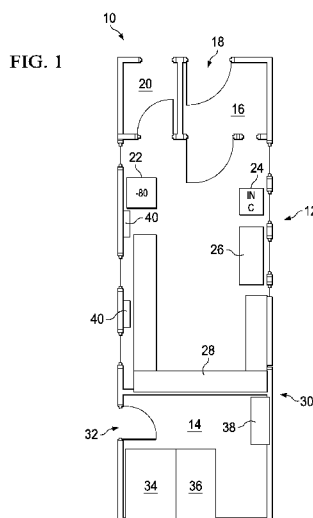
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(54) Title: MODULAR, SELF-CONTAINED, MOBILE CLEAN ROOM



(57) Abstract: Biosafety units, methods of making, and sealing the same are disclosed herein. The units comprise at least one controlled air, sealable, sterilizable cleanroom; and a mechanical system room adjacent to the cleanroom comprising: at least two air handling units in a support room adjacent the cleanroom that provide redundant air to the cleanroom with at least Class 100,000 air purity, the air handling units connected to a one or more supply ducts to the cleanroom, and an exhaust duct in communication with the cleanroom and the air handling unit exhaust, wherein a pressure gradient is formed between the cleanroom and the exterior of the structure; and at least two power supplies that provide redundant power to electrical outlets in the cleanroom, wherein the at least two power supplies are connectable to one or more external power sources and the structure is pre-validatable or validated for pharmaceutical manufacturing.