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- (71) Applicant: SCOTT LABORATORIES, INC. [US/US];  
2804 N. Loop 289, Lubbock, TX 79415 (US).
- (72) Inventor: HICKLE, Randall, S.; 2404 Topeka Avenue,  
Lubbock, TX 79410 (US).
- (74) Agents: CROWSON, Celine, Jimenez et al.; Hogan &  
Hartson, L.L.P., 555 Thirteenth Street, N.W., Washington,  
DC 20004 (US).

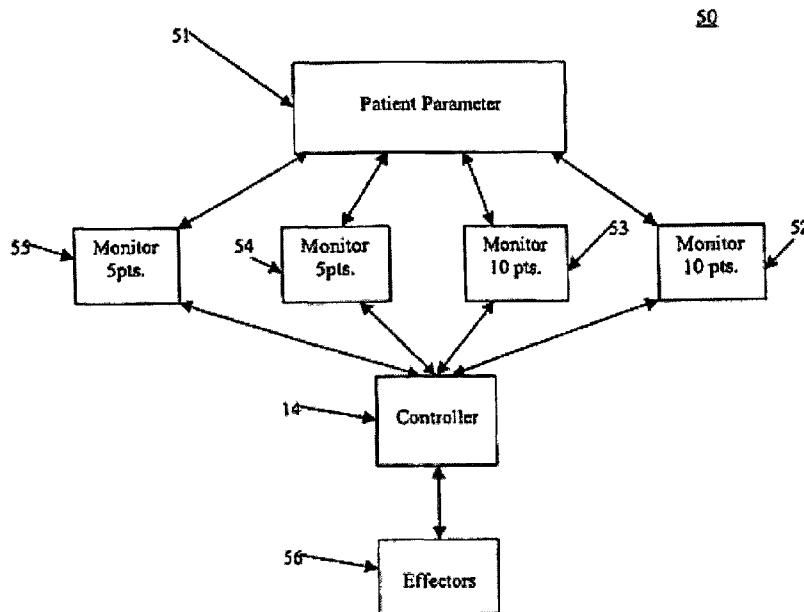
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(54) Title: METHODS AND SYSTEMS FOR PROVIDING ORTHOGONALLY REDUNDANT MONITORING IN A SEDATION AND ANALGESIA SYSTEM



(57) Abstract: The present invention includes a sedation and analgesia system having a high sensitivity and specificity for diagnostic and therapeutic algorithms, where the high sensitivity and specificity may be gained by providing multiple monitors (32, 33) for a single patient parameter. The invention also comprises multiple monitors (32, 33) for a single patient parameter, where the monitor is compared with that of the others by a controller (14) in order to ascertain whether monitored data is reliable.

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