

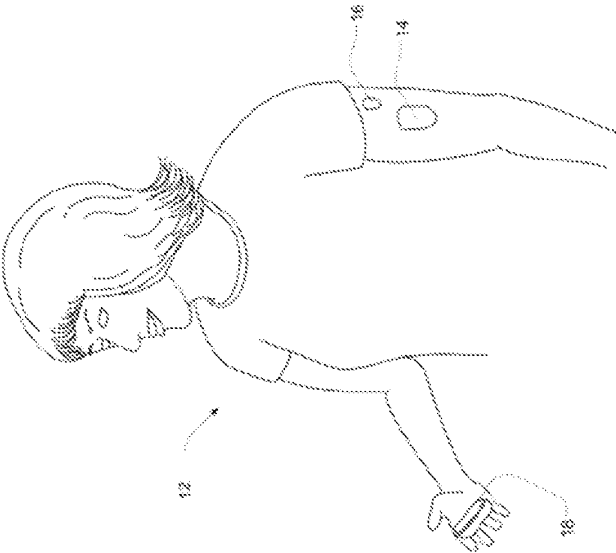


Fig. 1

Sturis Metabolism Model

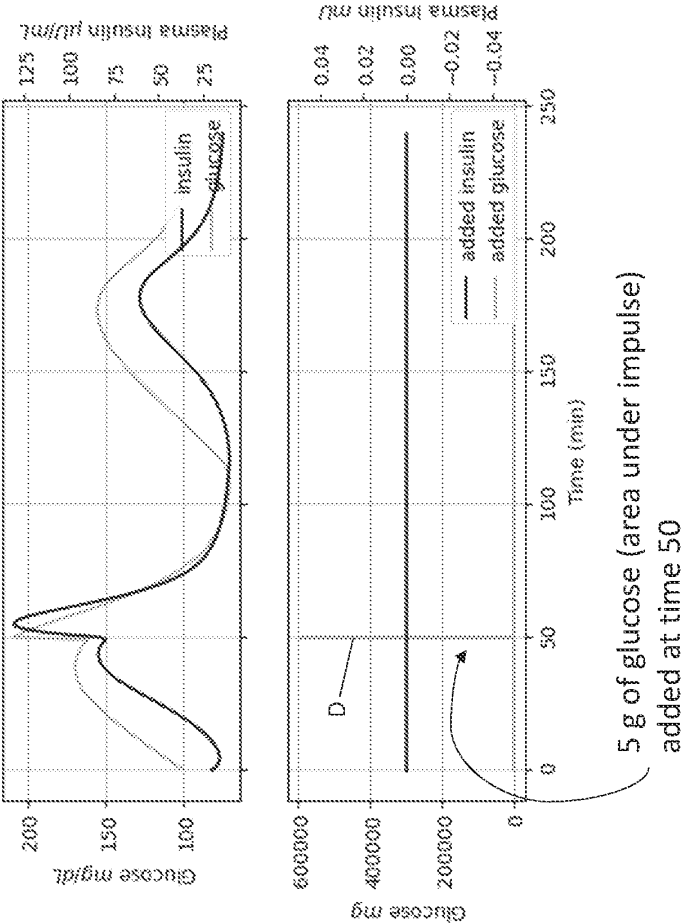


Fig. 2

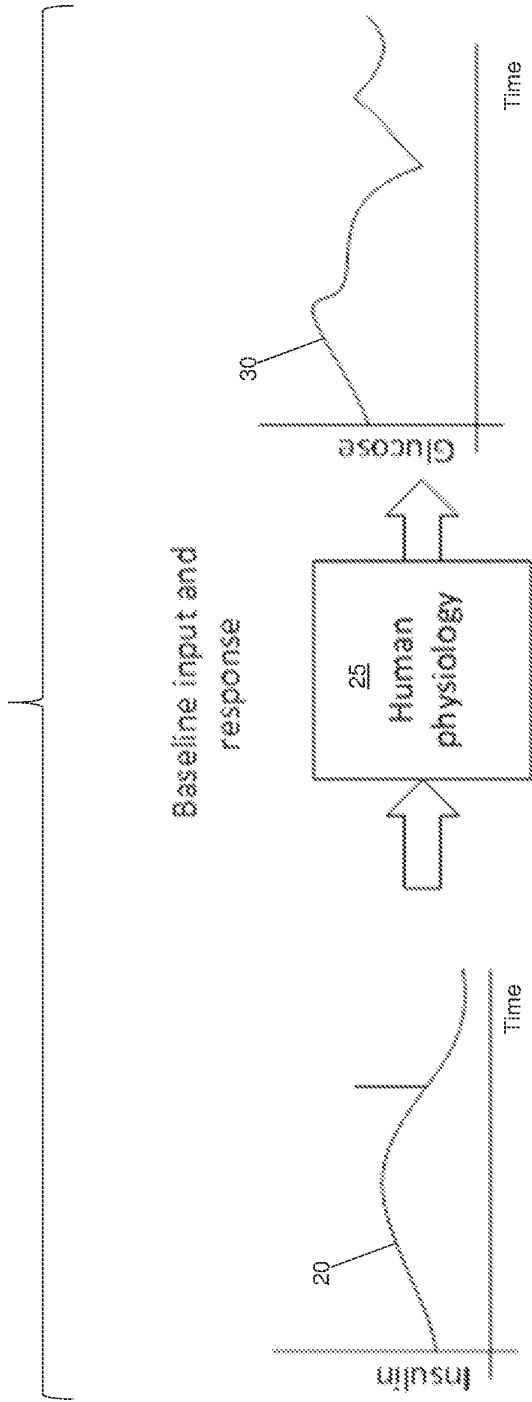


Fig. 3

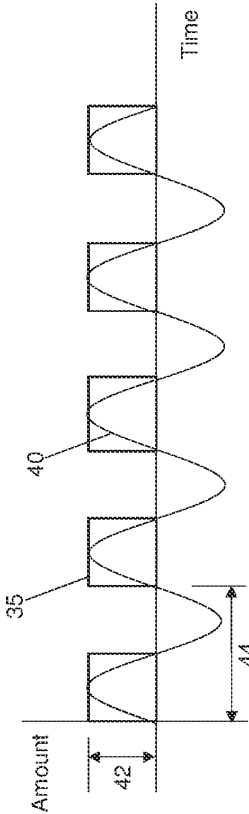


Fig. 4

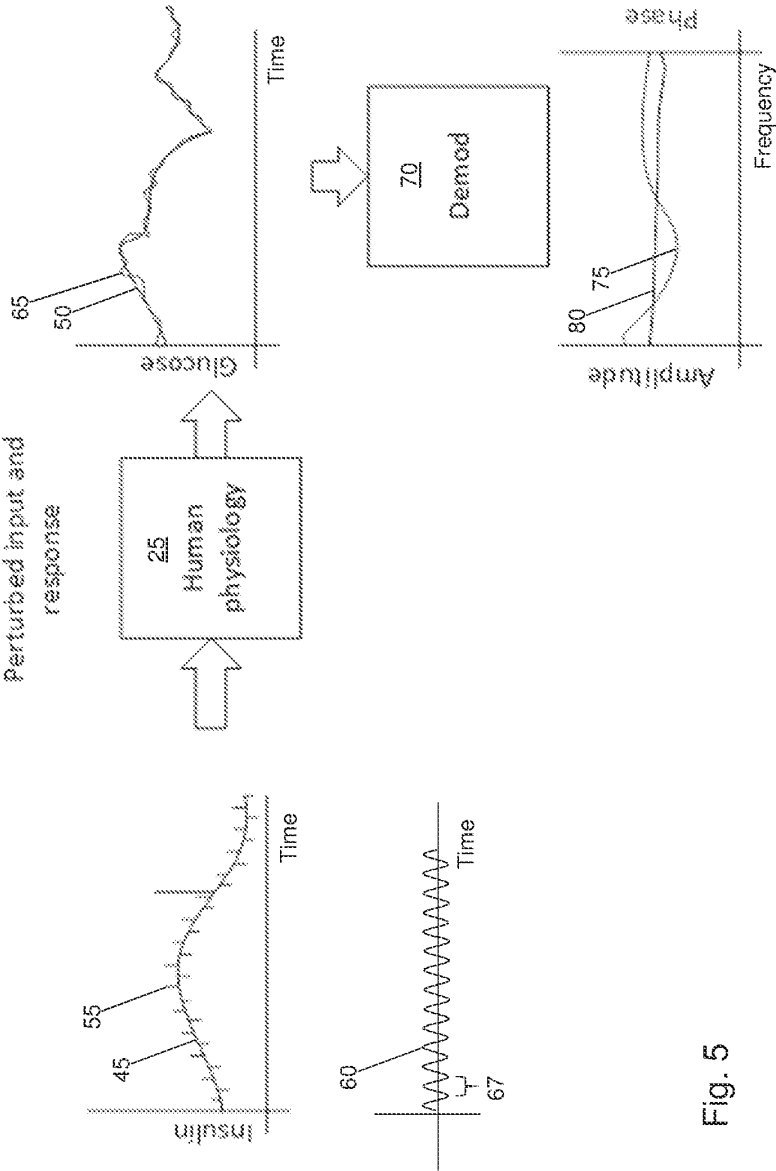


Fig. 5

Formula 1	$i(t) = s(c) \sin(2\pi\omega_i t)$
Formula 2	$p(t) = k(t) * \sin(2\pi\omega_p t)$
Formula 3	$i(t) + p(t) \Rightarrow r(i(t), p(t), t)$
Formula 4	$s(t) = r(r(t) \circ p(t))$
Formula 5	$i(t) = \sin(\frac{\pi}{60}t + T)$
Formula 6	$f(t) = \sin(2\pi\omega(t \cdots T))$
Formula 7	$\phi(f) = -2\pi\omega T$
Formula 8	$T = -4\phi/2\pi f \approx -(200^\circ \cdot \pi/180^\circ) \cdot (1/(2\pi \cdot 0.002)) \approx 278s \approx 4.6min$

Fig. 6

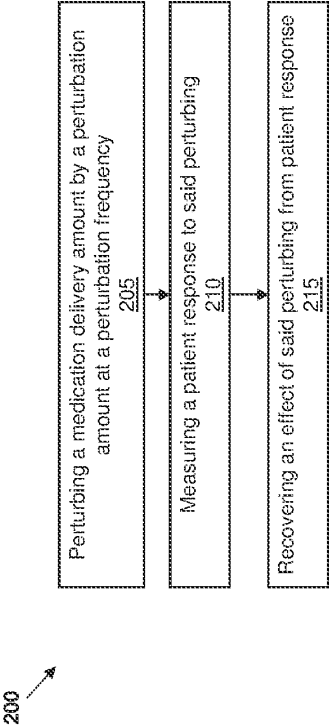


Fig. 7

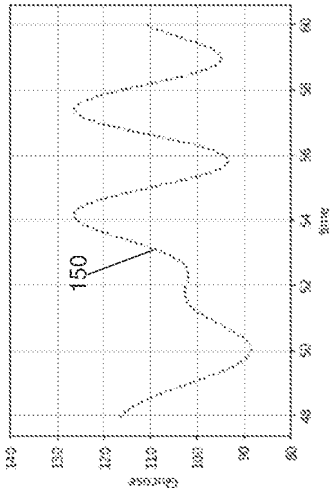


Fig. 8B

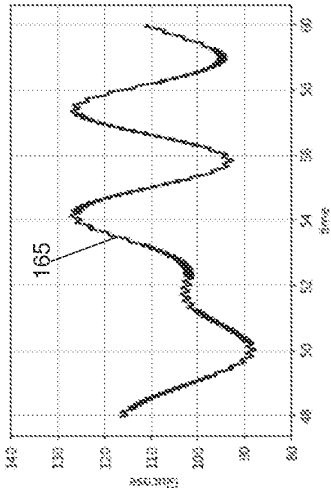


Fig. 9C

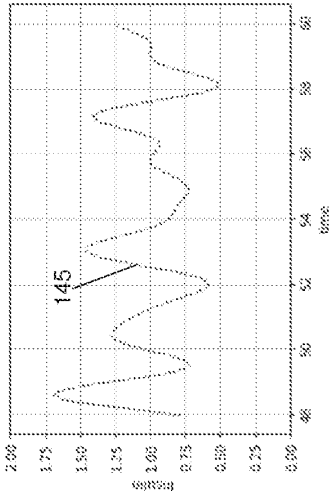


Fig. 8A

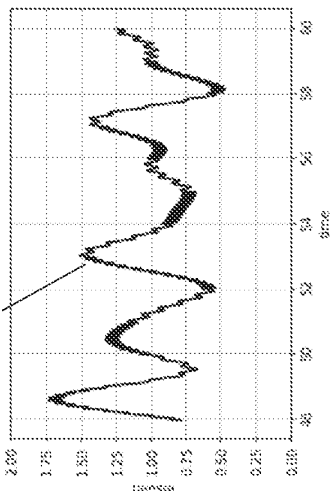


Fig. 9B

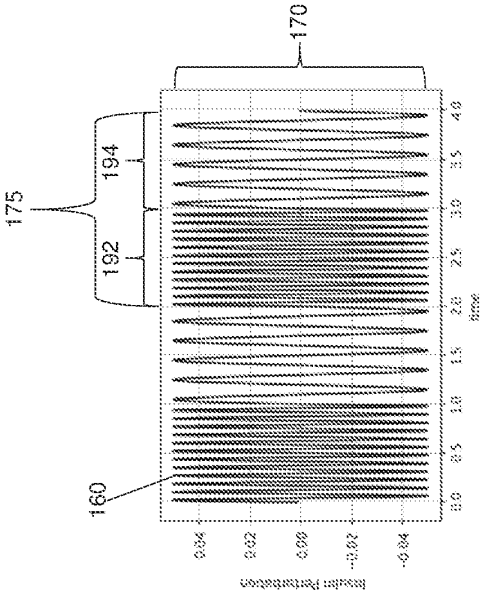


Fig. 9A

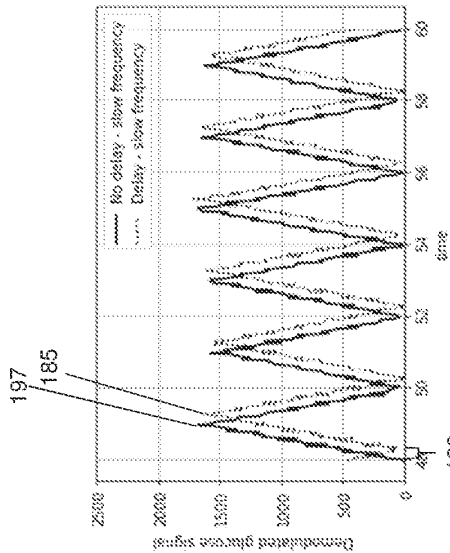


Fig. 10B

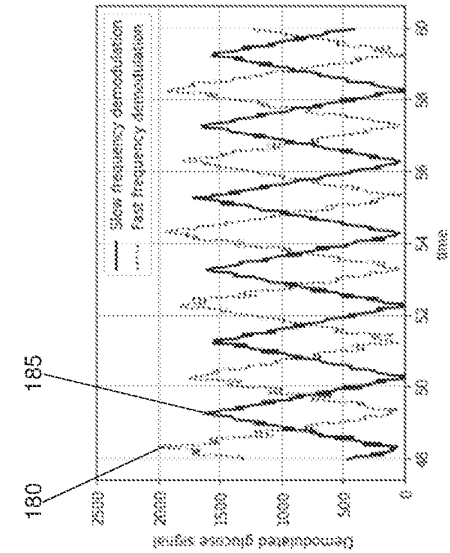


Fig. 10A

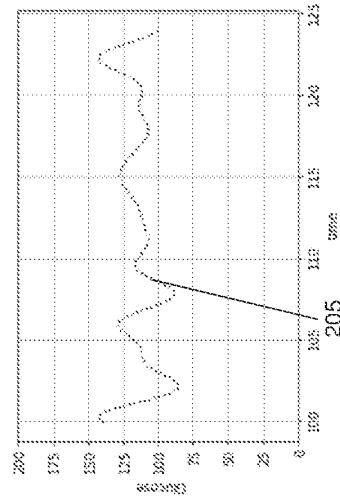


Fig. 11B

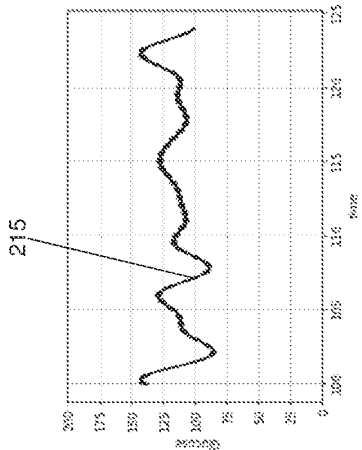


Fig. 12C

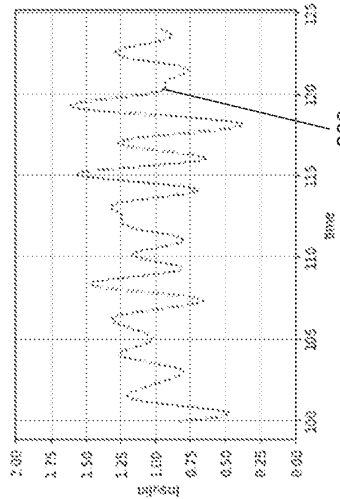


Fig. 11A

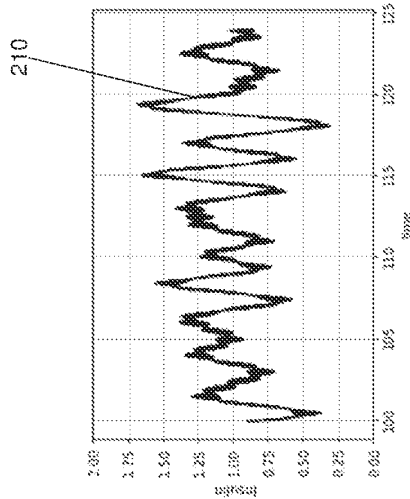


Fig. 12B

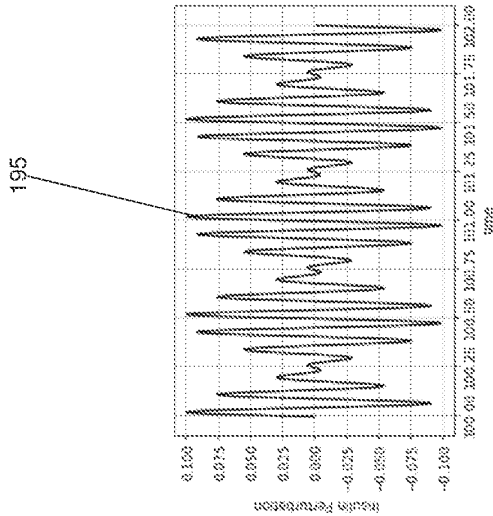


Fig. 12A

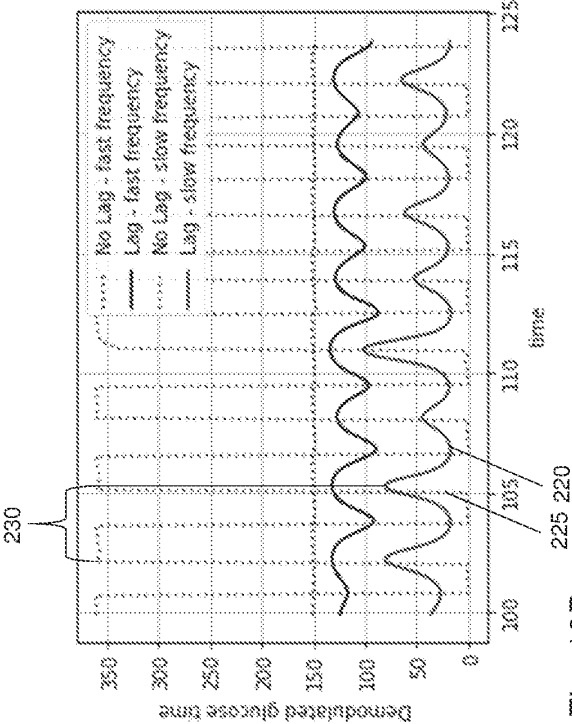


Fig. 13B

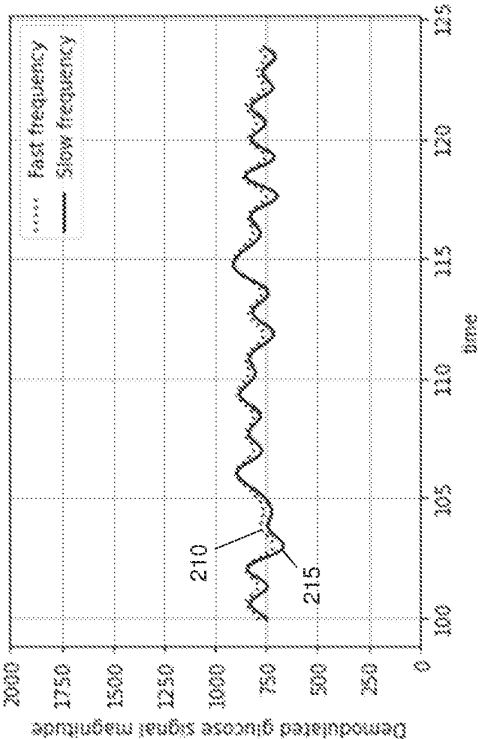


Fig. 13A

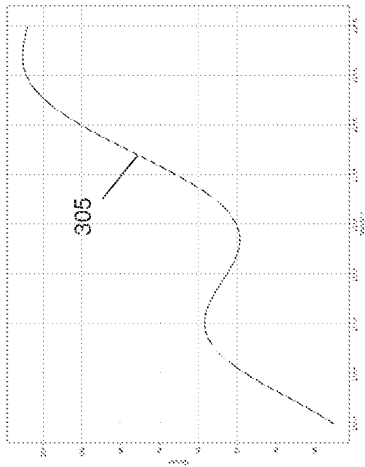


Fig. 14B

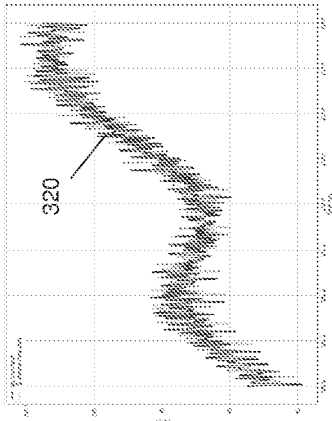


Fig. 15C

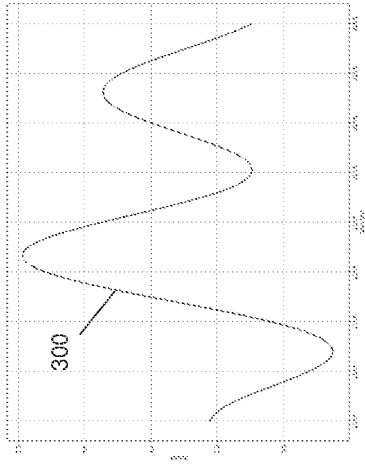


Fig. 14A

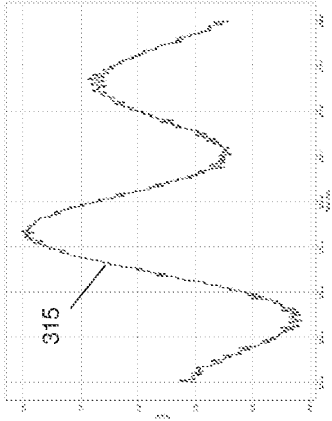


Fig. 15B

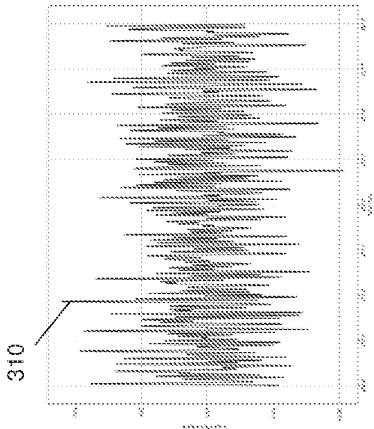


Fig. 15A

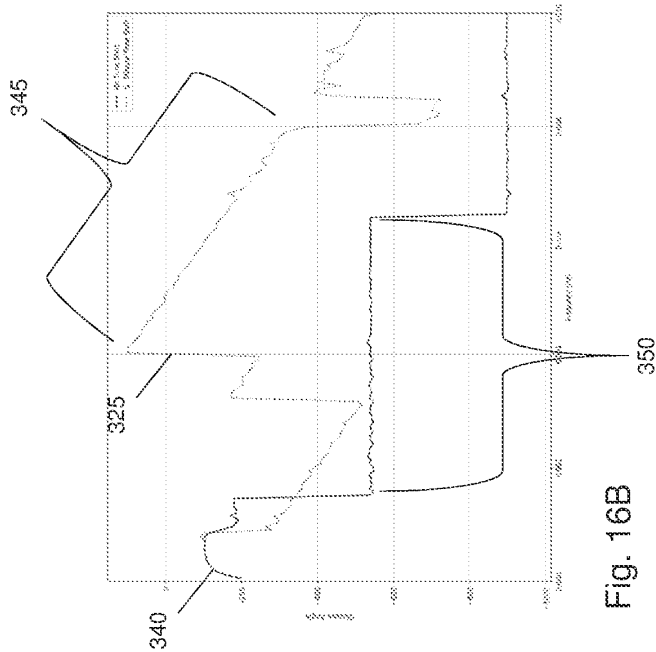


Fig. 16B

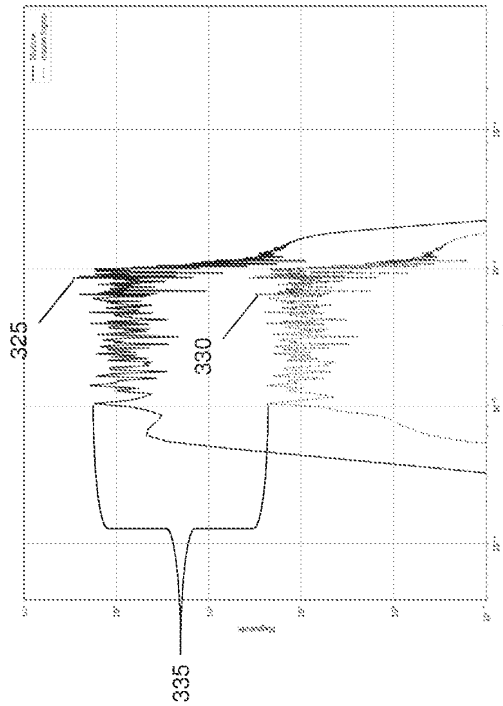


Fig. 16A

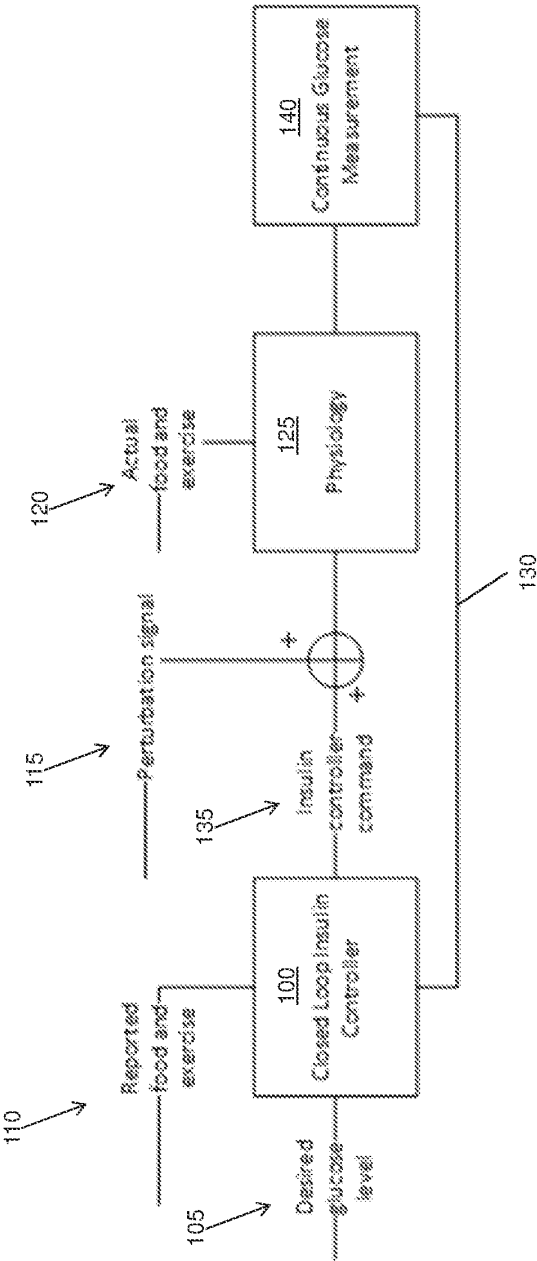


Fig. 17