Figure 1

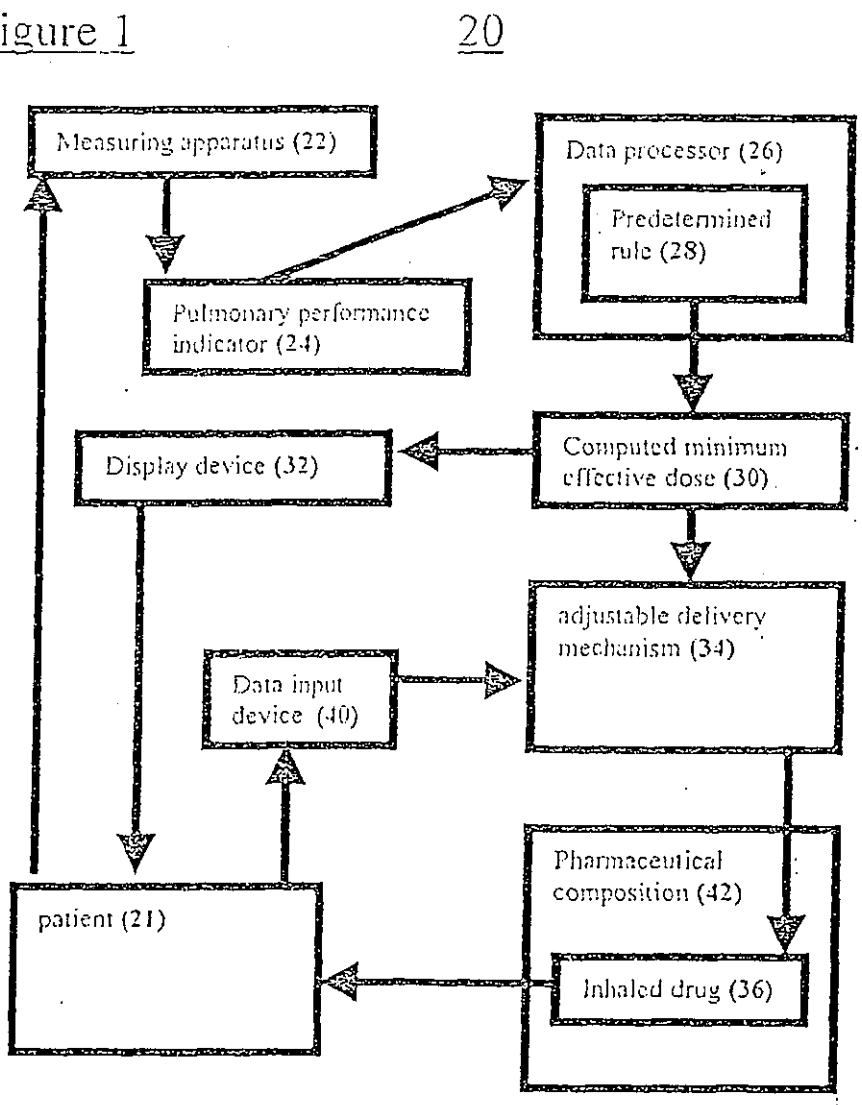
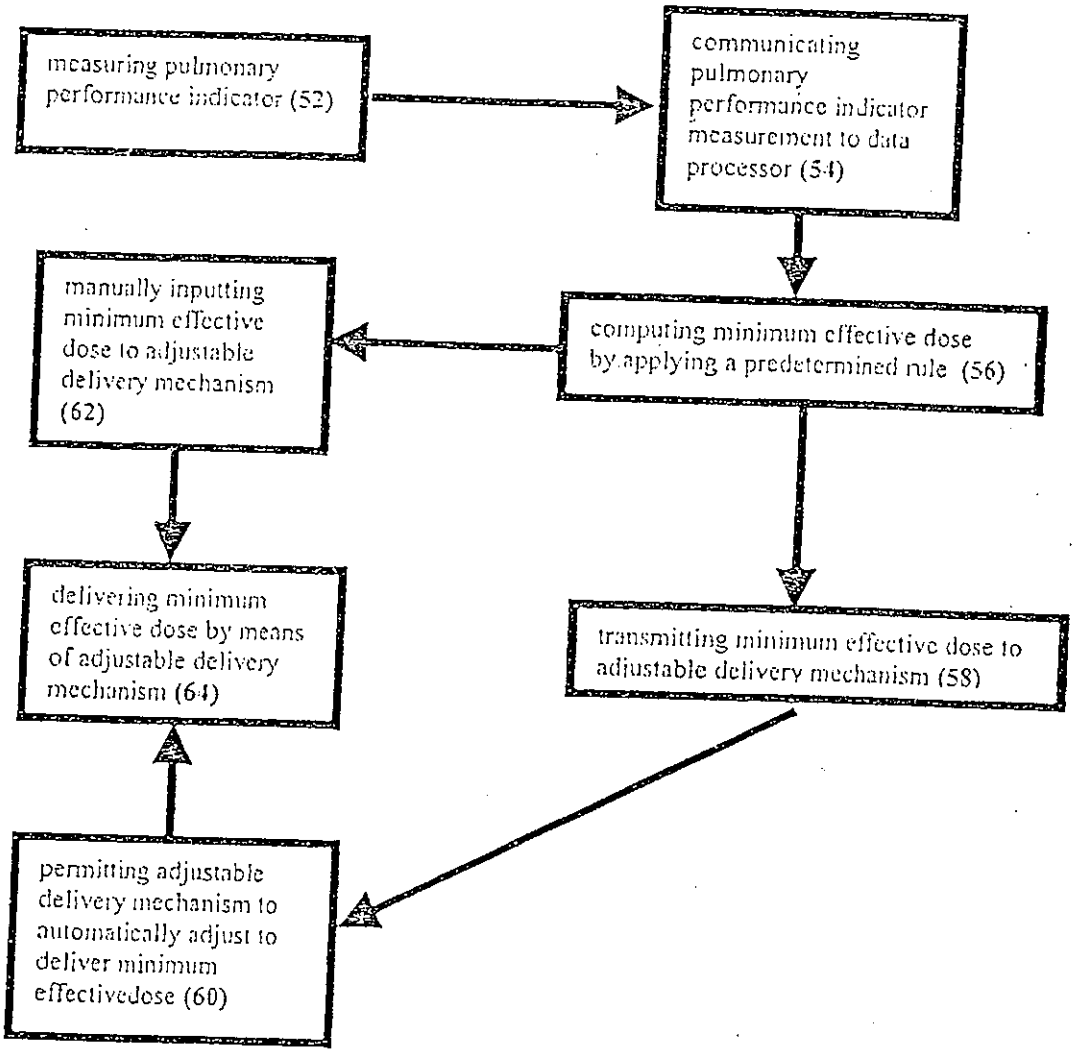

20
Measuring apparatus (22)
Data processor (26)
Predetermined rule (28)
Pulmonary performance indicator (24)
Display device (32)
Computed minimum effective dose (30)
adjustable delivery mechanism (34)
Data input device (40)
Pharmaceutical composition (42)
patient (21)
Inhaled drug (36)

Figure 2 50


measuring pulmonary performance indicator (52)
communicating pulmonary performance indicator measurement to data processor (54)
manually inputting minimum effective dose to adjustable delivery mechanism (62)
computing minimum effective dose by applying a predetermined rule (56)
delivering minimum effective dose by means of adjustable delivery mechanism (64)
transmitting minimum effective dose to adjustable delivery mechanism (58)
permitting adjustable delivery mechanism to automatically adjust to deliver minimum effectivedose (60)

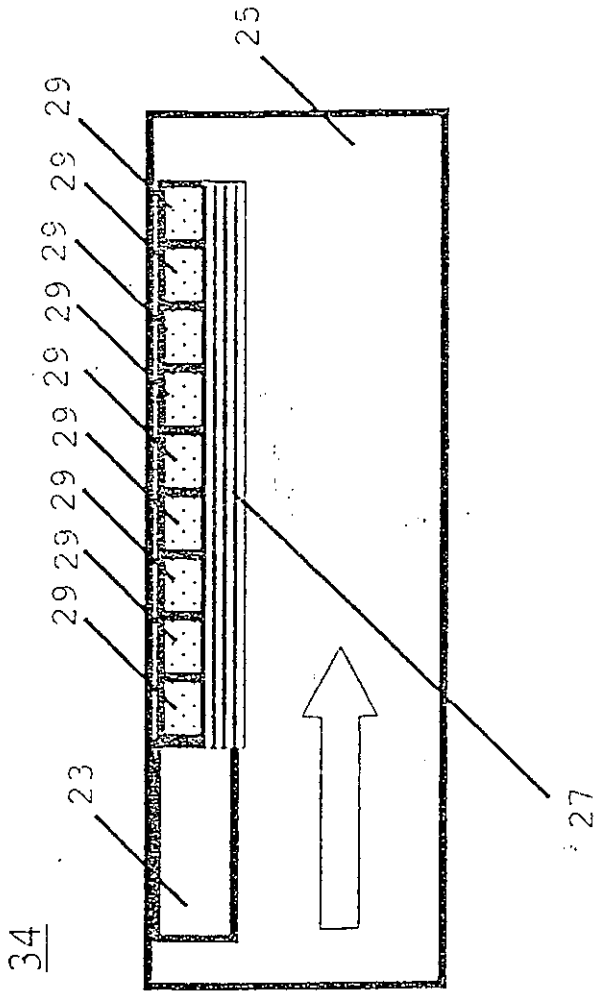


Figure 3a

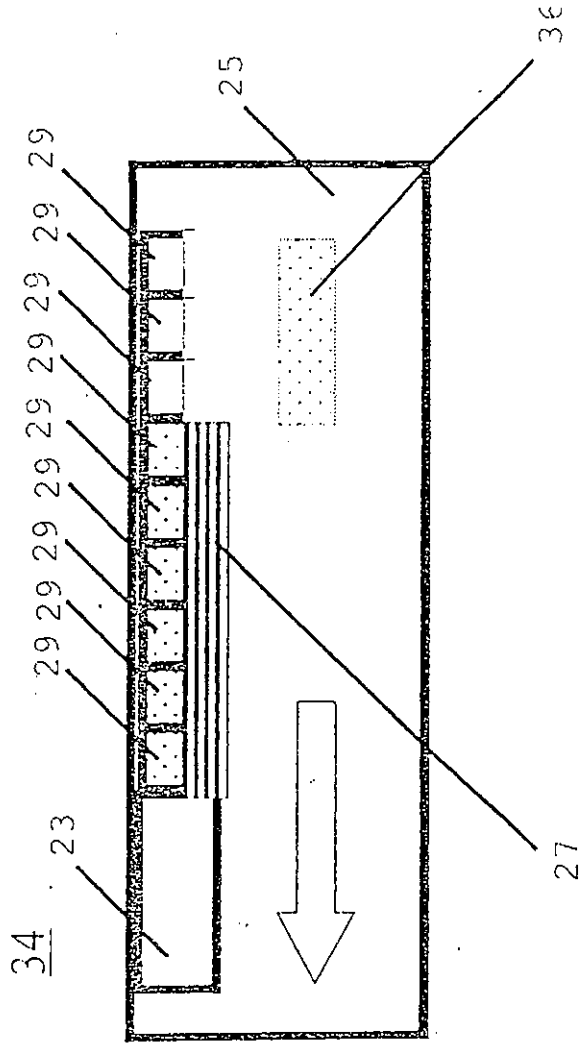


Figure 3b

Figure 4 34

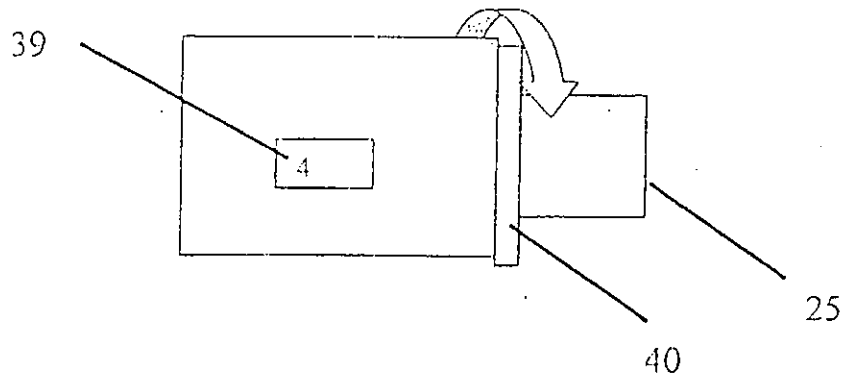
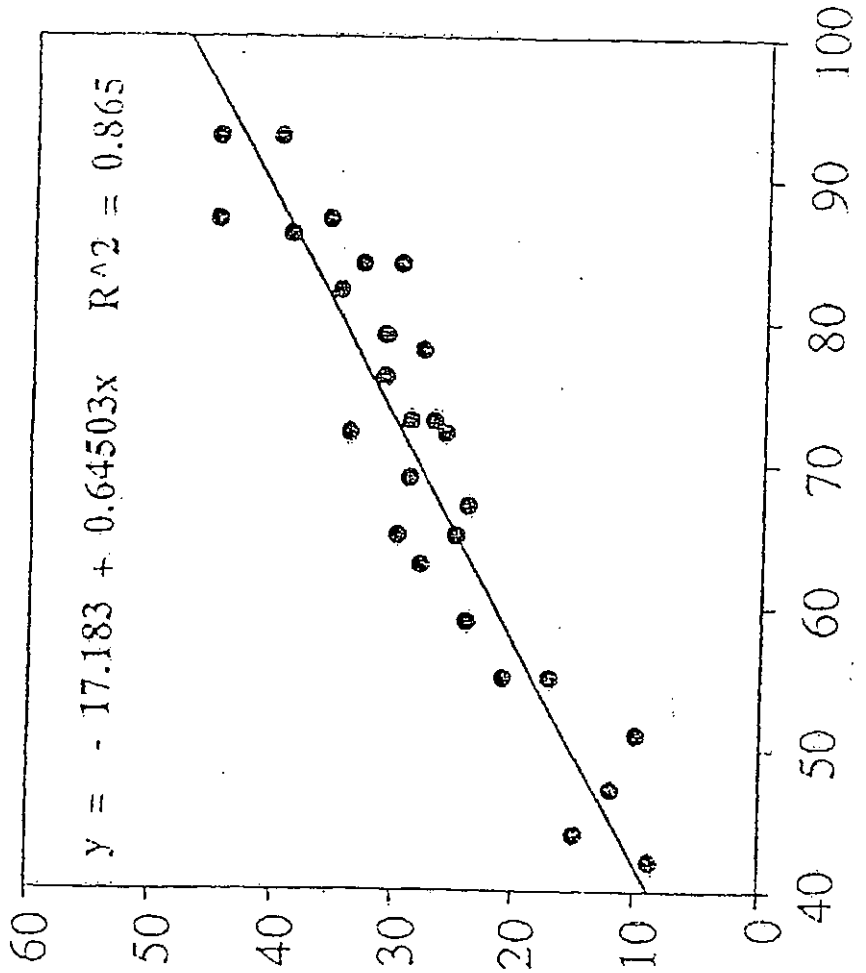


Figure 5


y = - 17.183 + 0.64503x R^2 = 0.865
60
50
40
30
20
10
0
40
50
60
70
80
90
100
% of cortisol drugs absorbed / Cortisol production
% of normal FEV1