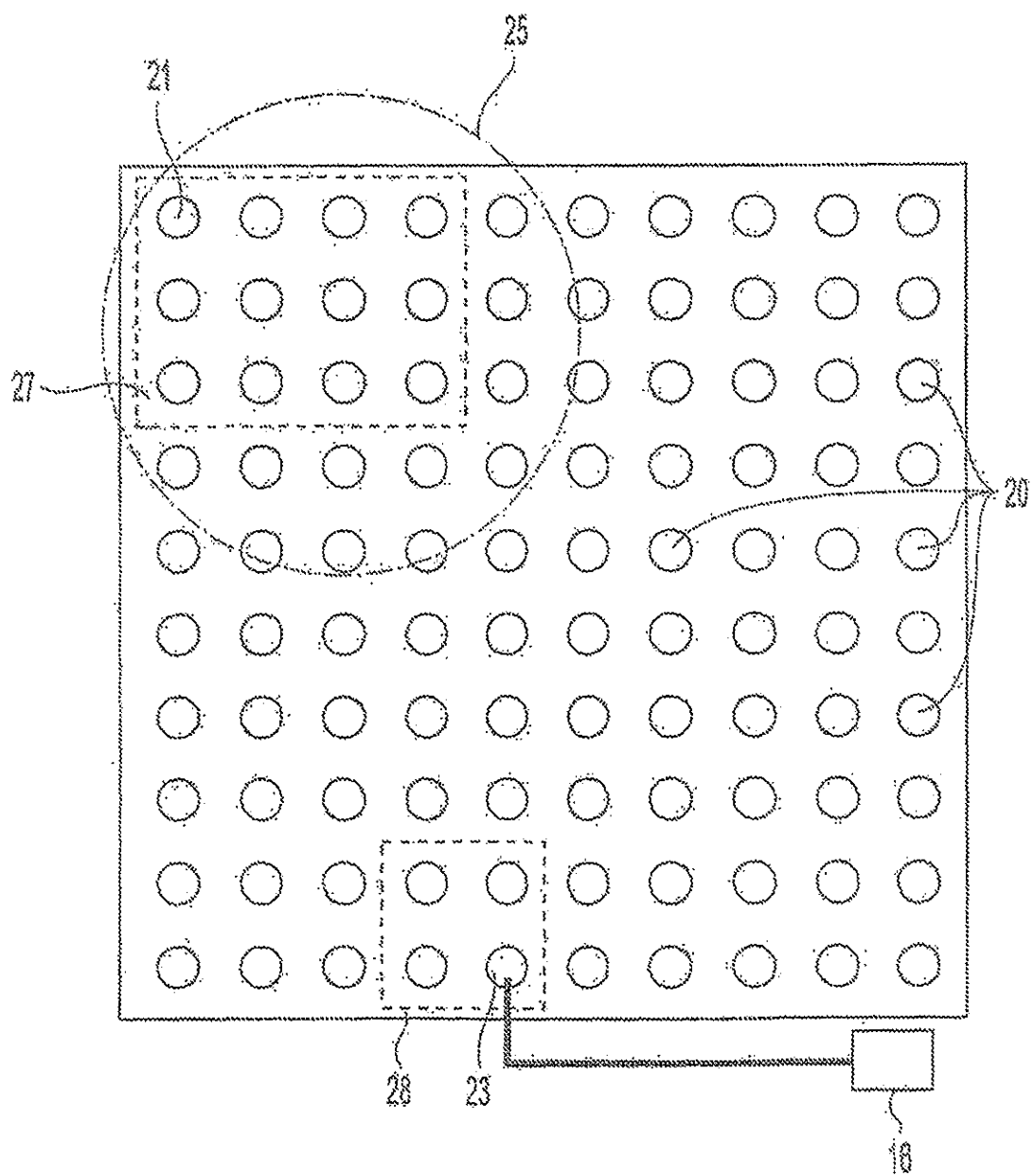
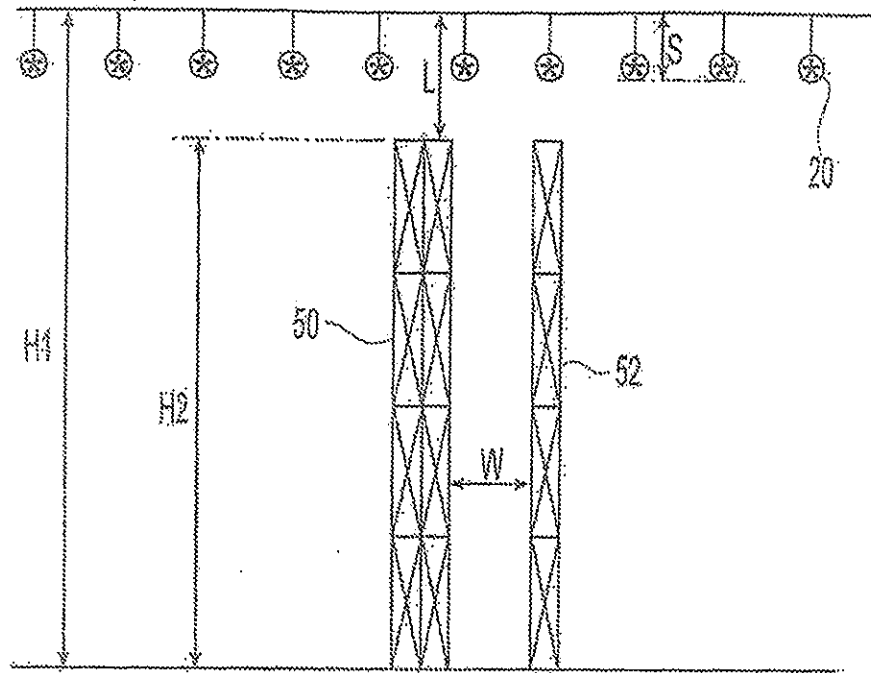
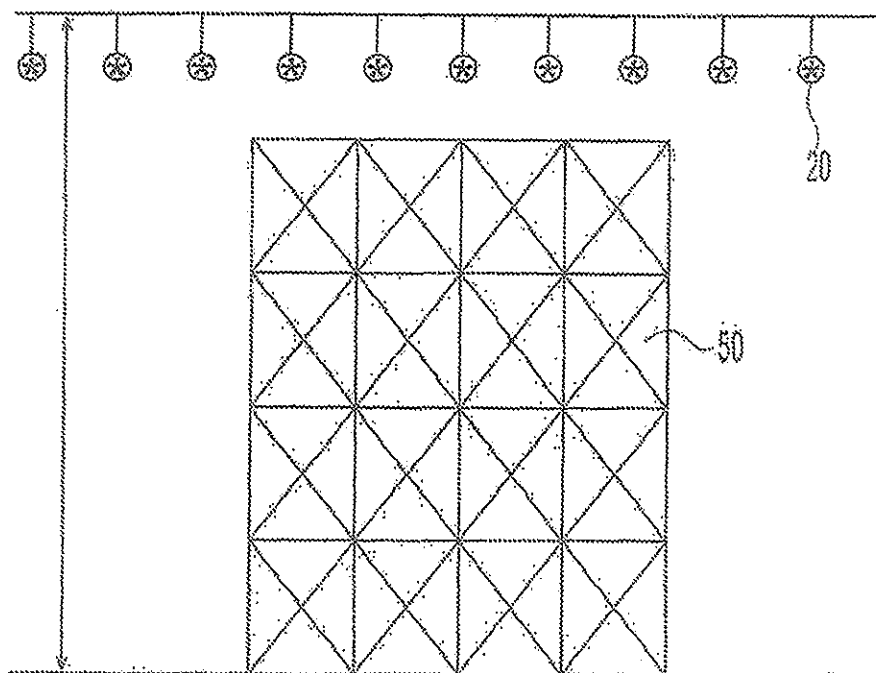
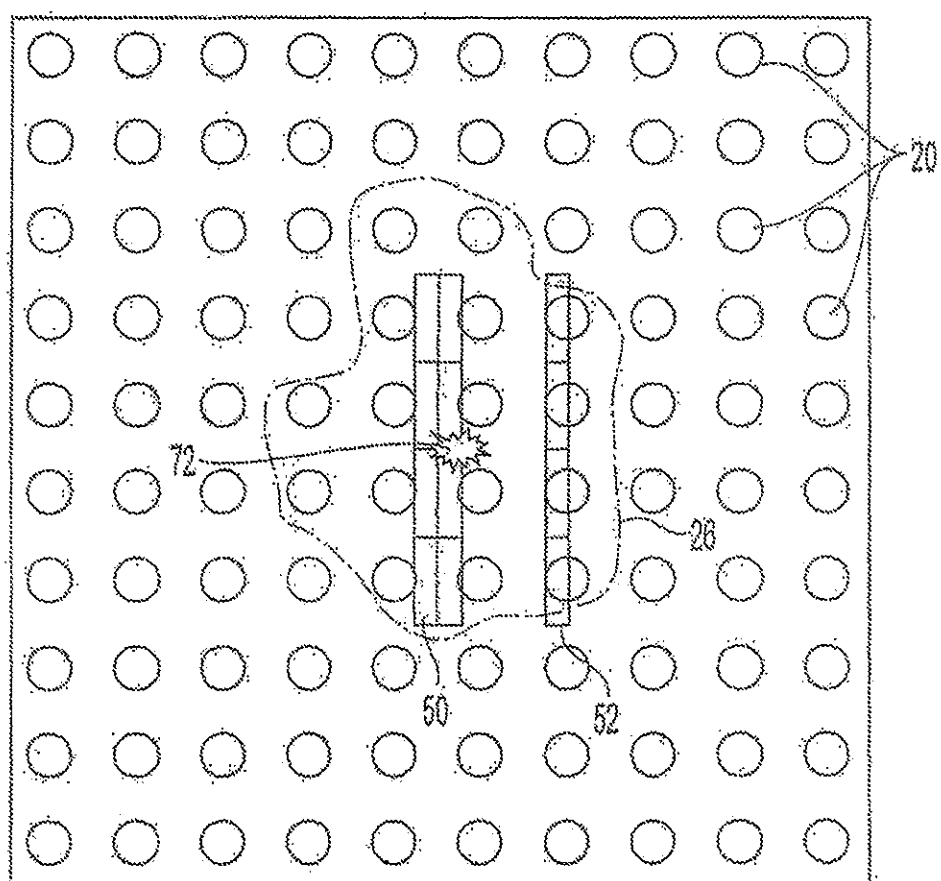
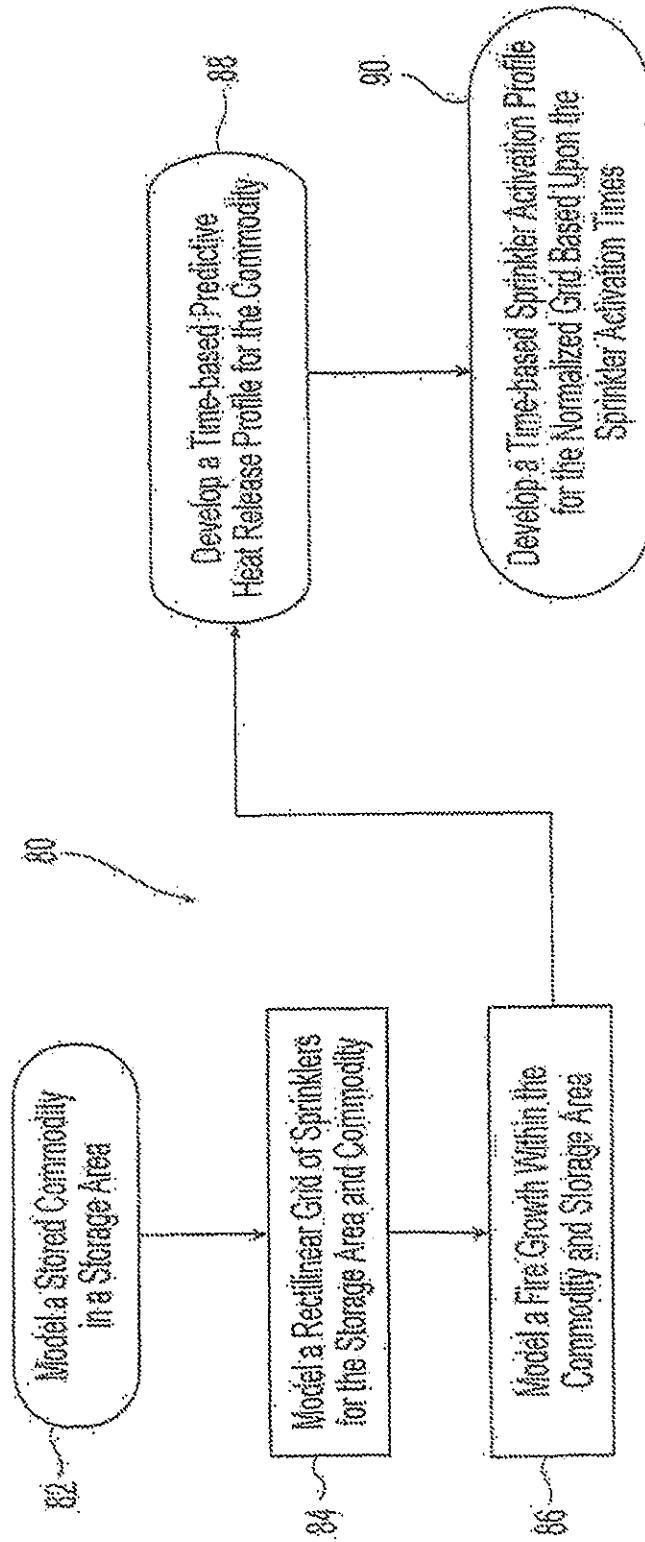




*Fig. 1A*

*Fig. 2A**Fig. 2B*

*Fig. 2C*

**Fig. 3**

Predicted Heat Release & Sprinkler Activation Profiles

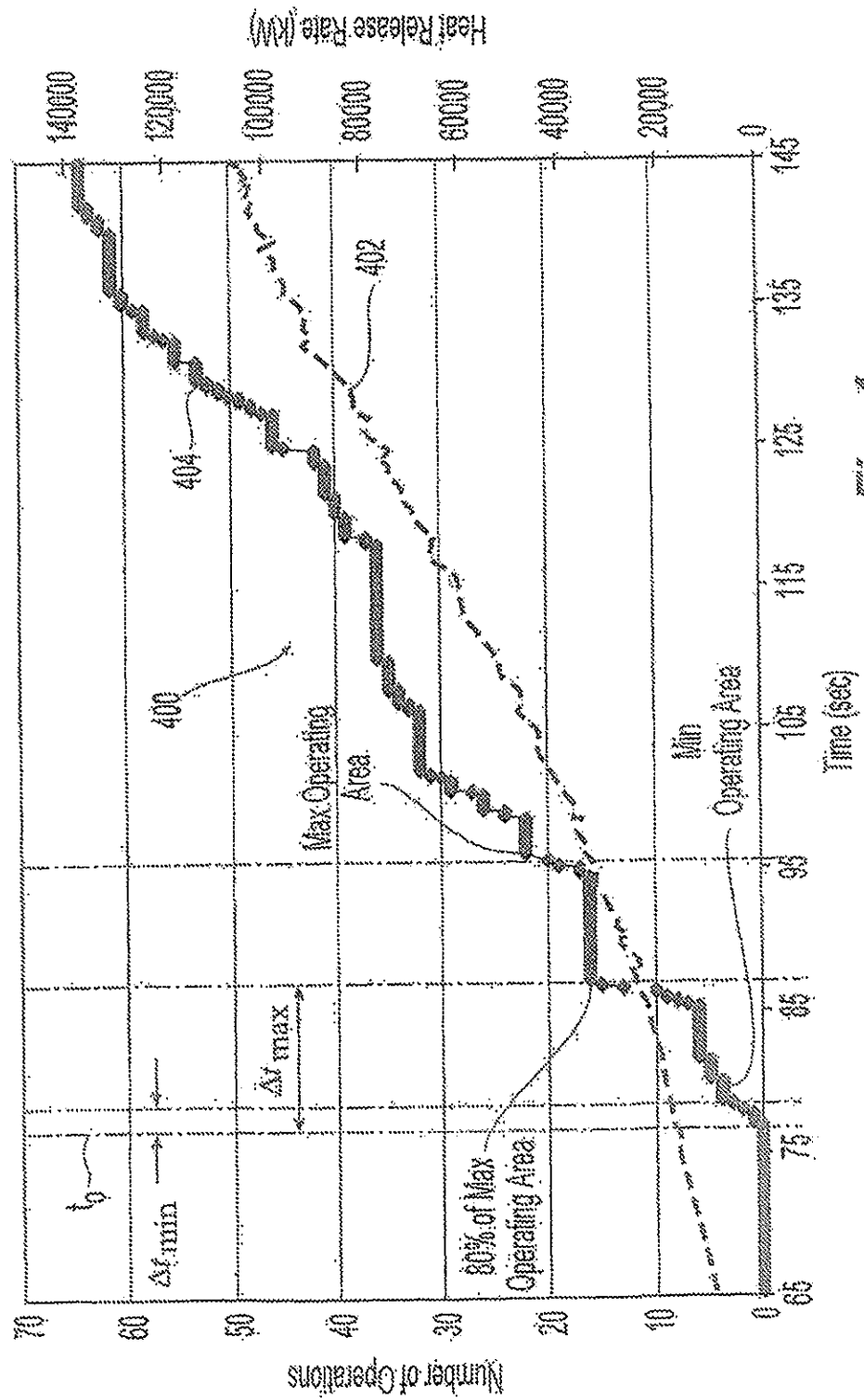


Fig. 4

Model Results: Class II Commodity, Multiple Row Rack Storage,  
34 ft Storage Height, 40 ft Building Height

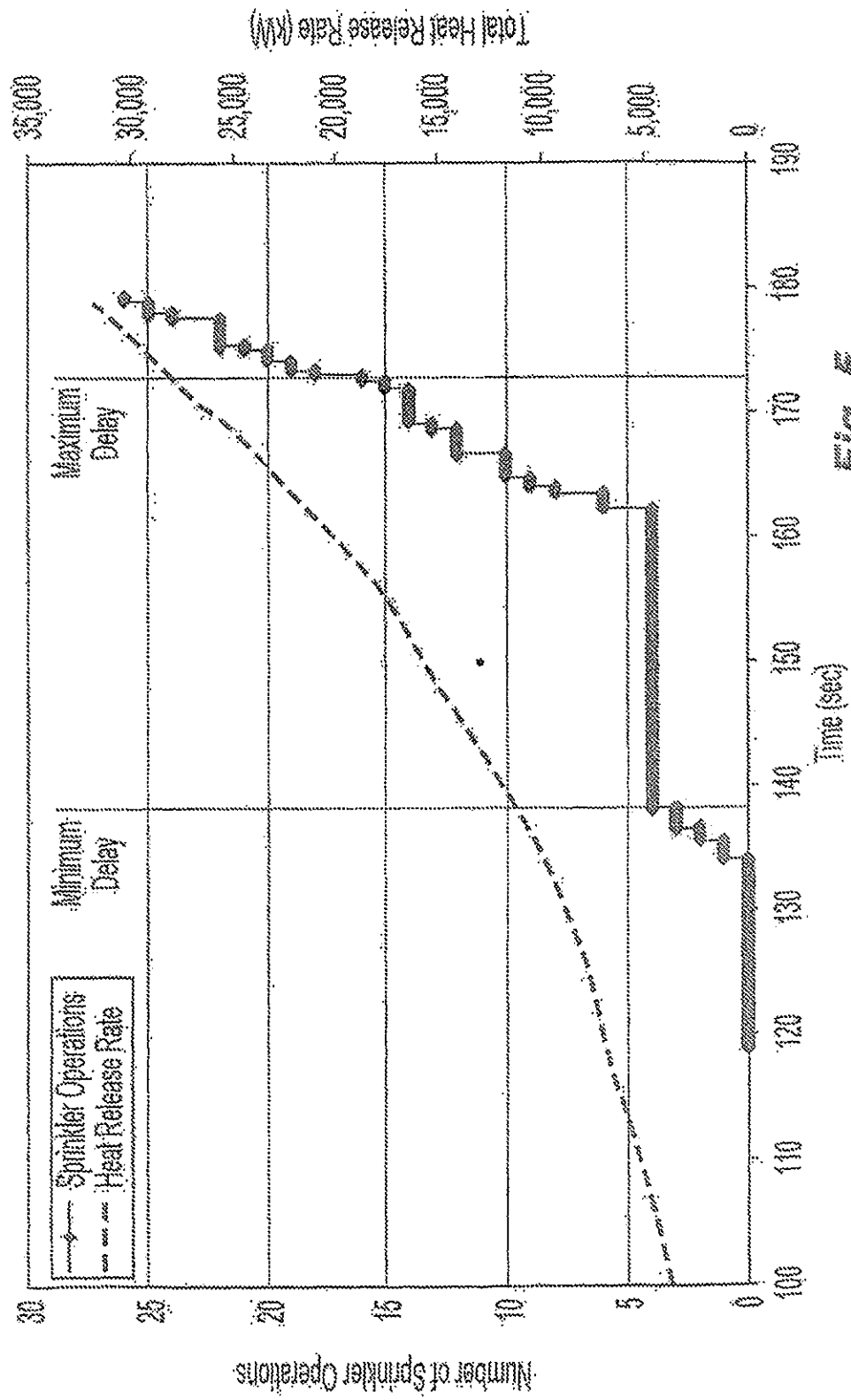
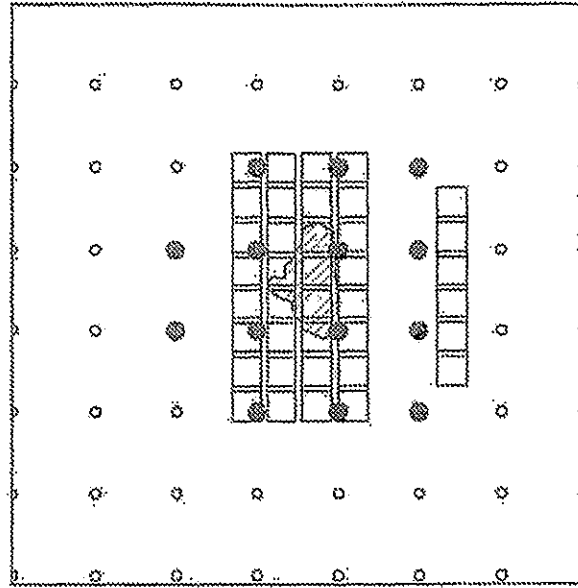
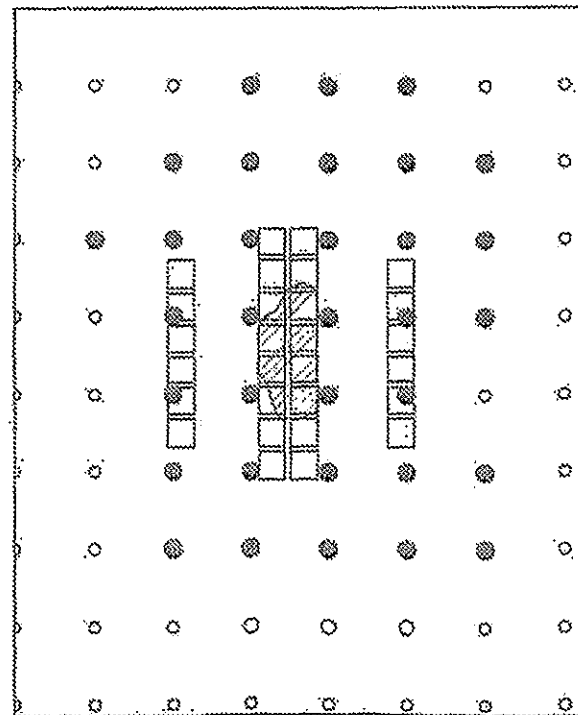
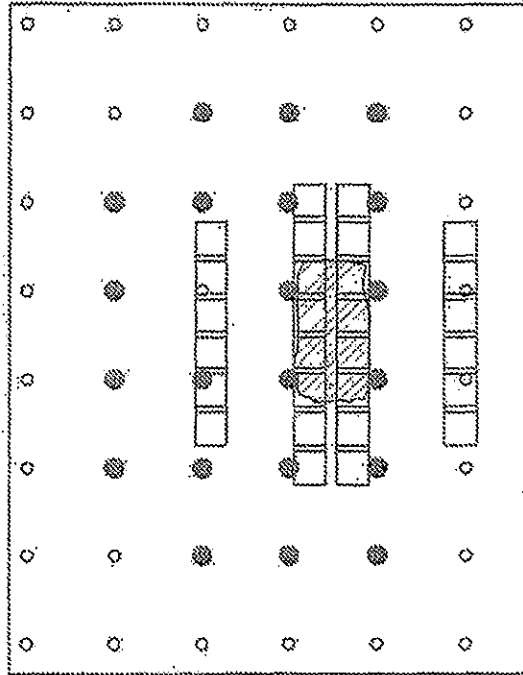
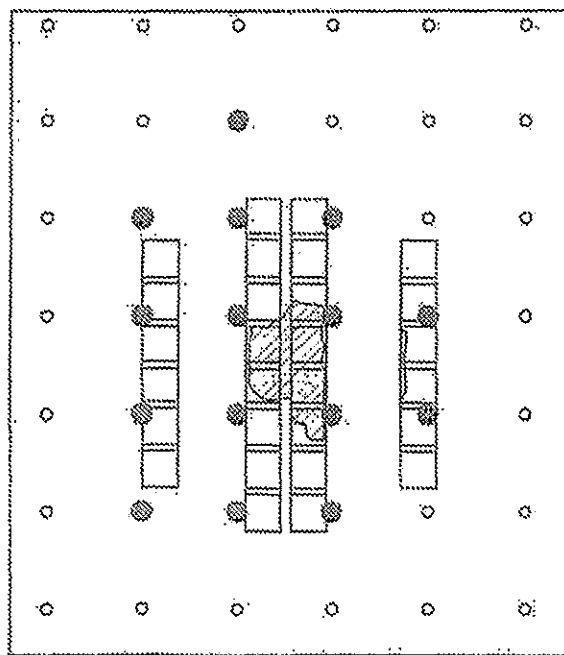
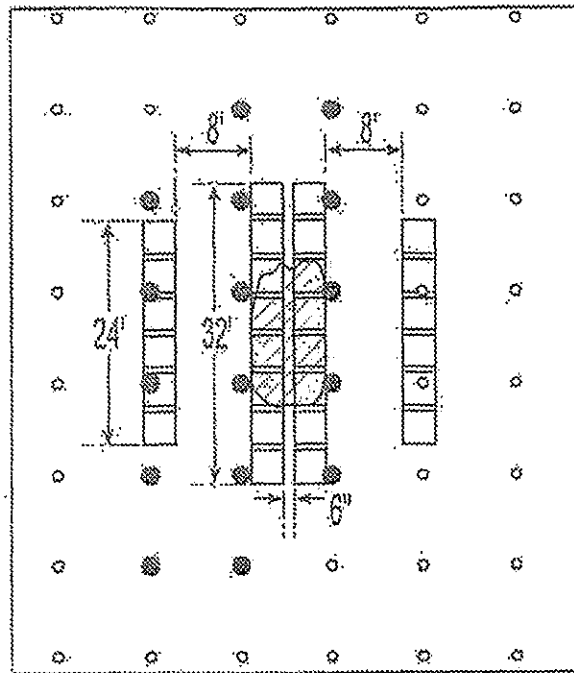


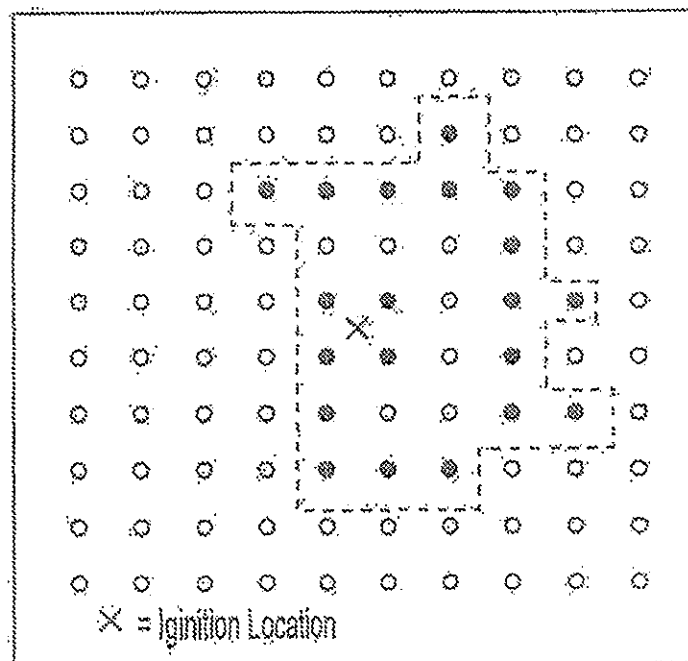
Fig. 5

*Fig. 5A**Fig. 10A*

*Fig. 7A**Fig. 9A*



*Fig. 6A*



*Fig. 12A*

Model Results: Class III Commodity, Double Row Rack Storage, 30 ft  
Storage Height, 35 ft Building Height

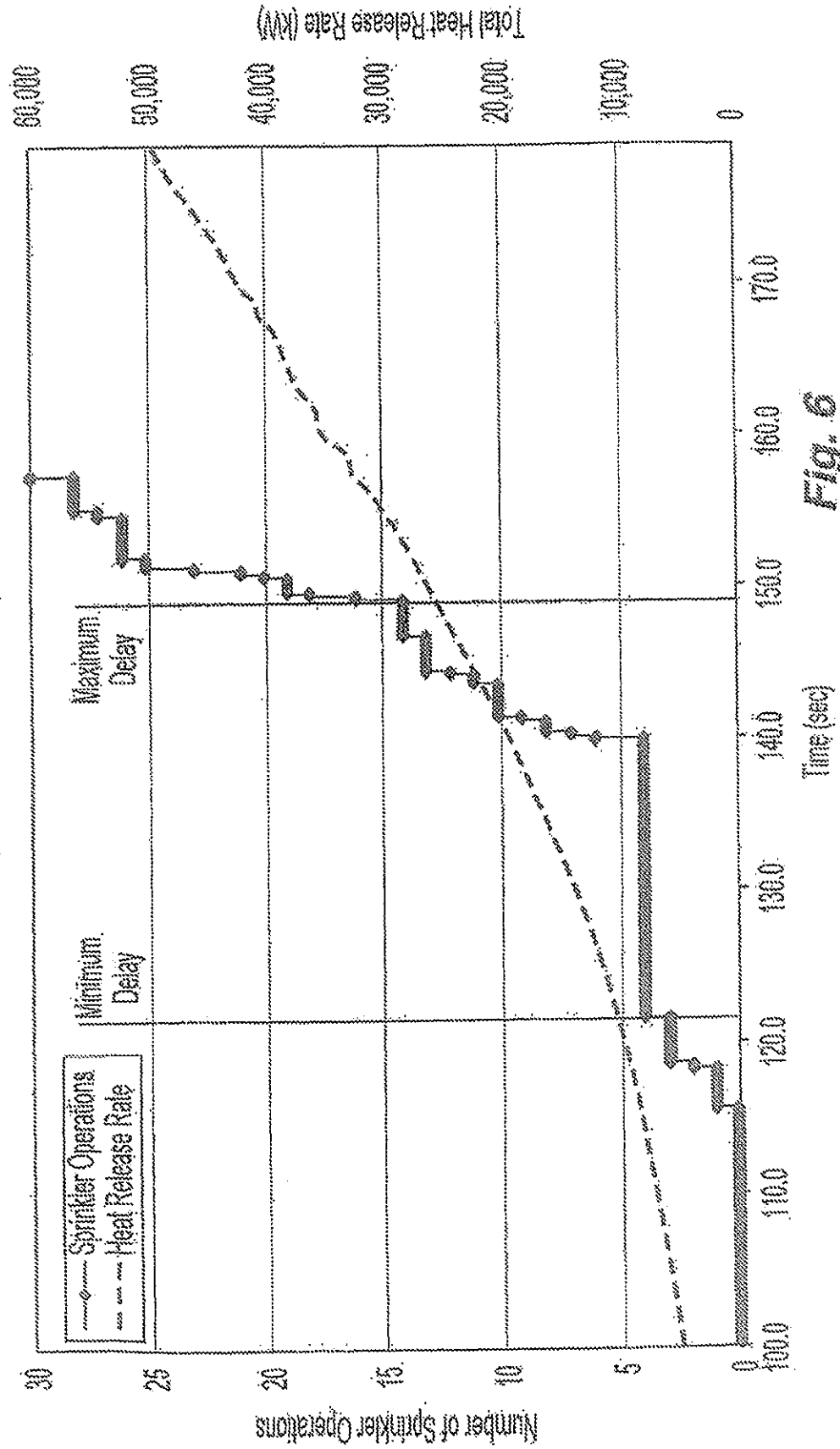
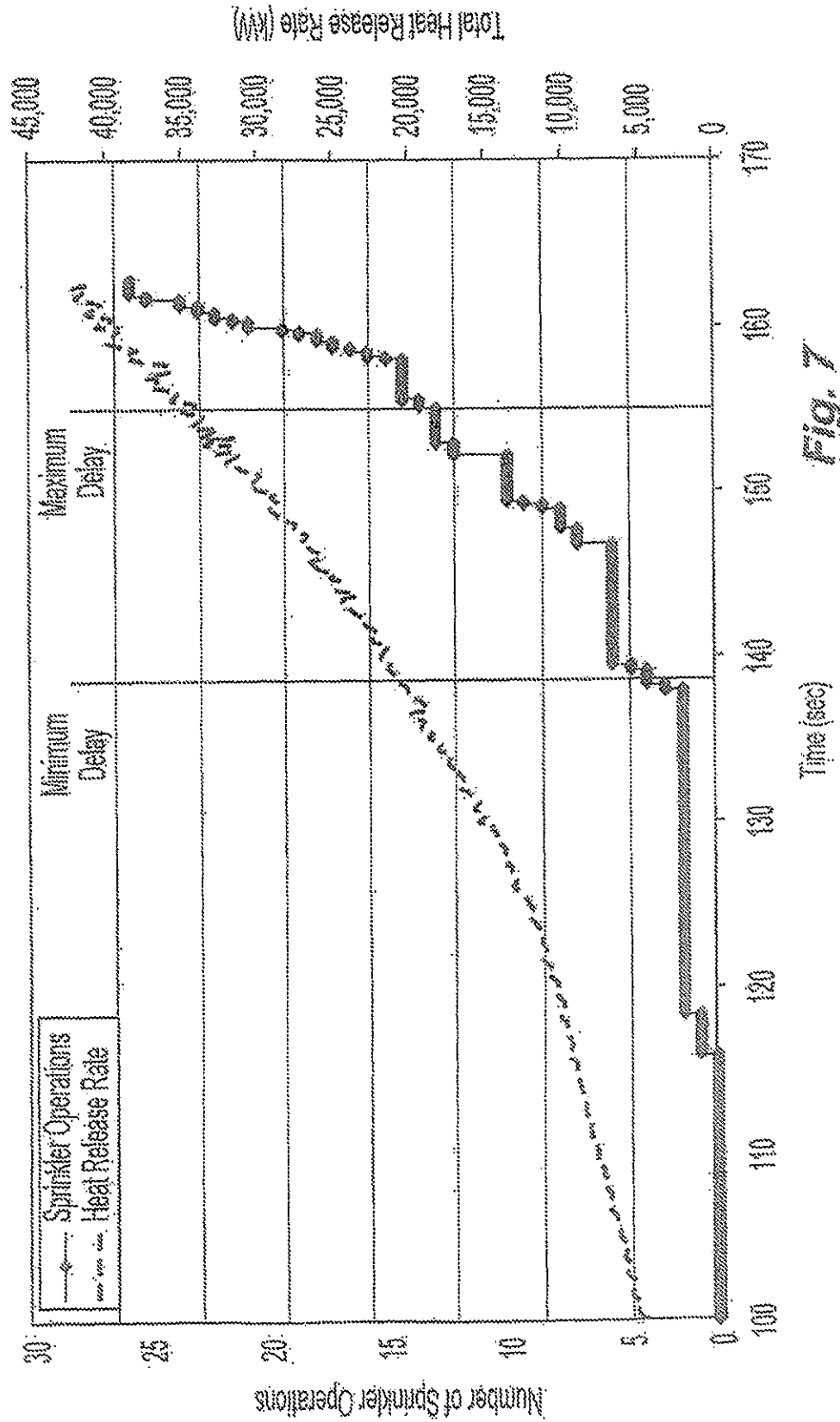


Fig. 6

Model Results: Class III Commodity, Double Row Rack Storage, 40 ft  
Storage Height, 43 ft Building Height



Model Results: Class III Commodity, Double Row Rack Storage, 40 ft  
Storage Height, 45 ft Ceiling Height

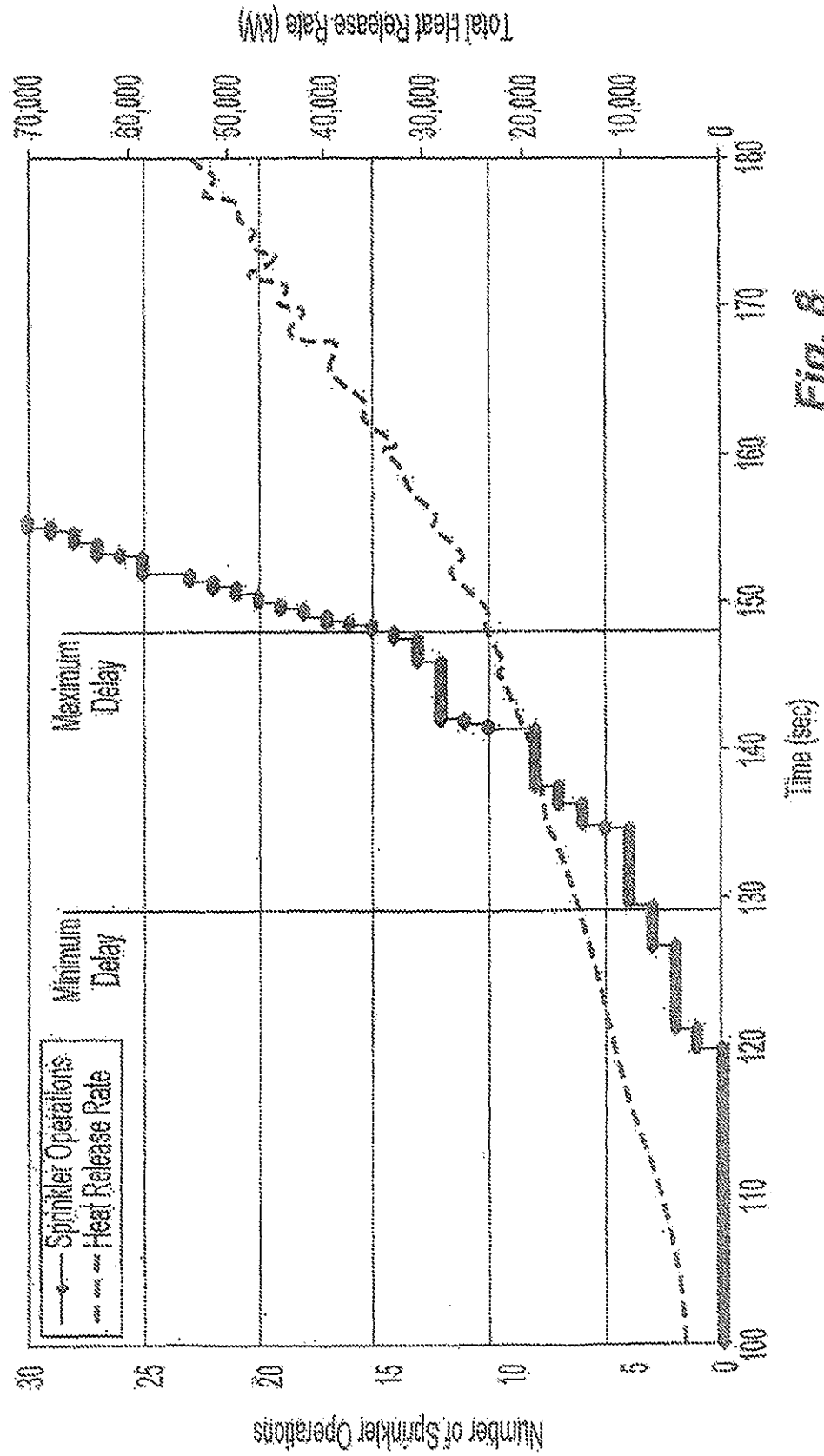


Fig. 8

Model Results: Group A Plastic Commodity, Double Row Rack Storage, 20 ft  
Storage Height, 30 ft Building Height

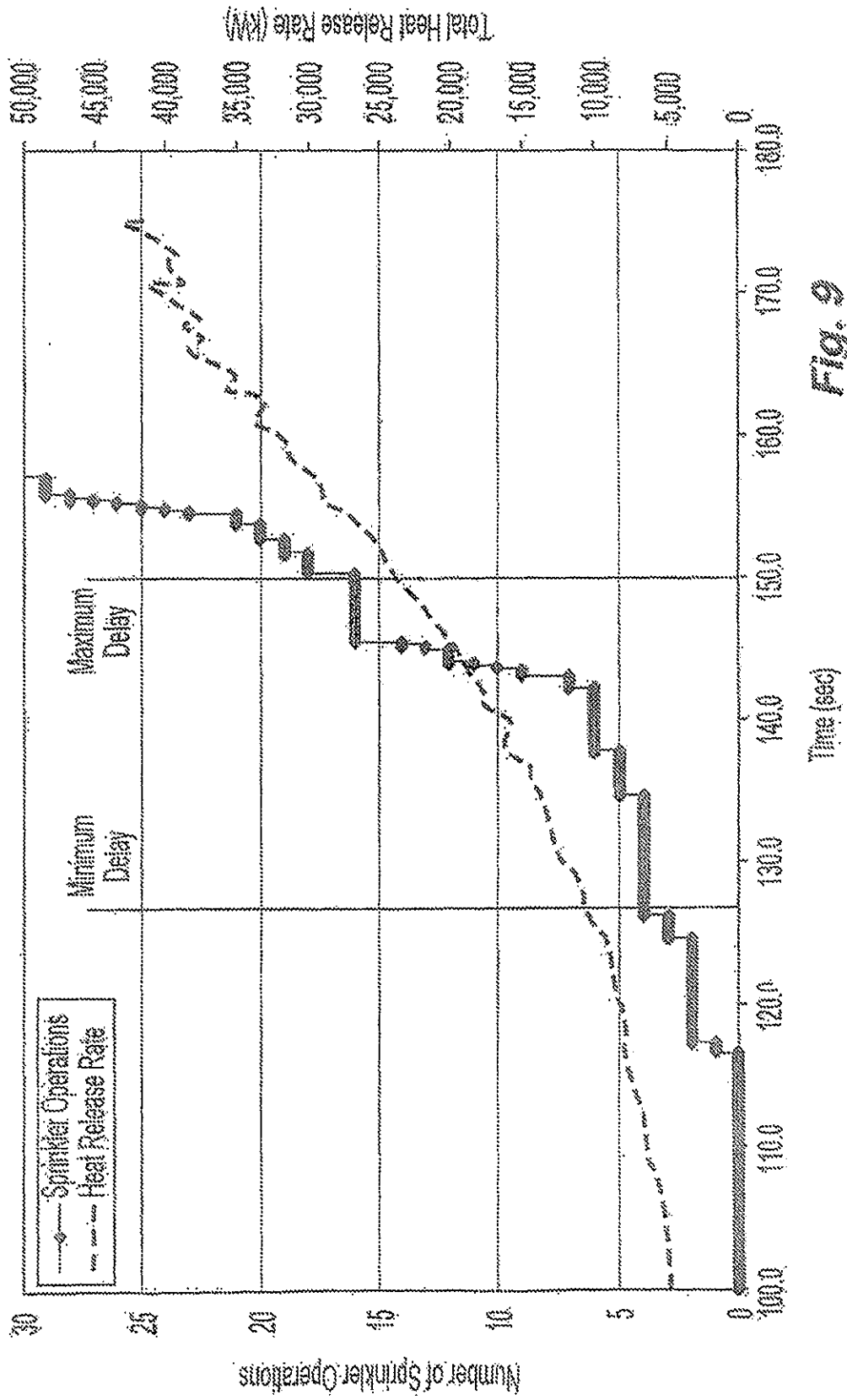


Fig. 9

Model Results: Class II Commodity, Double Row Rack Storage, 34 ft.  
Storage Height, 40 ft Building Height.

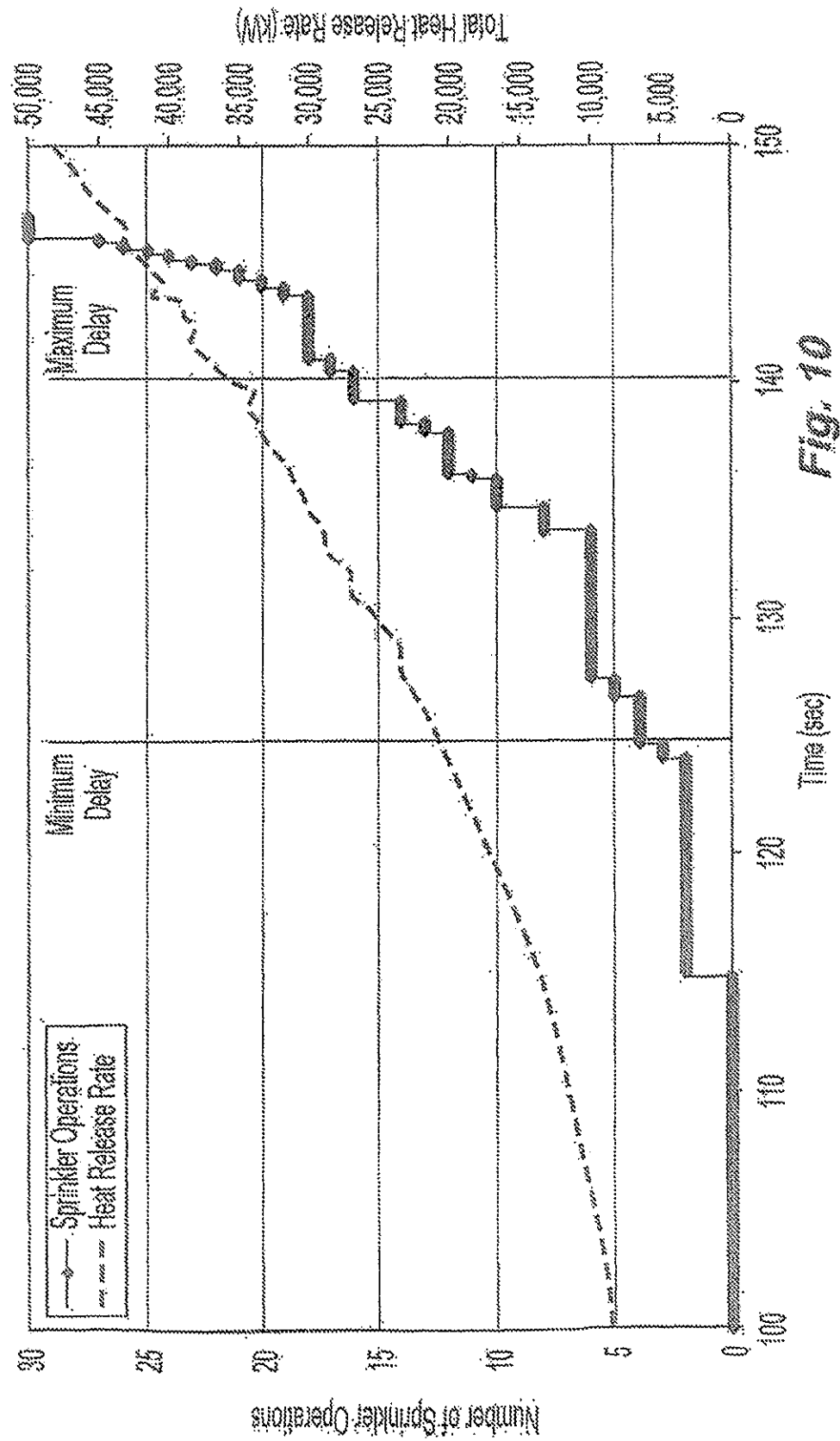


Fig. 10

Model Results: Class III Commodity, Double Row Rack Storage, 35 ft  
Storage Height, 45 ft Ceiling Height

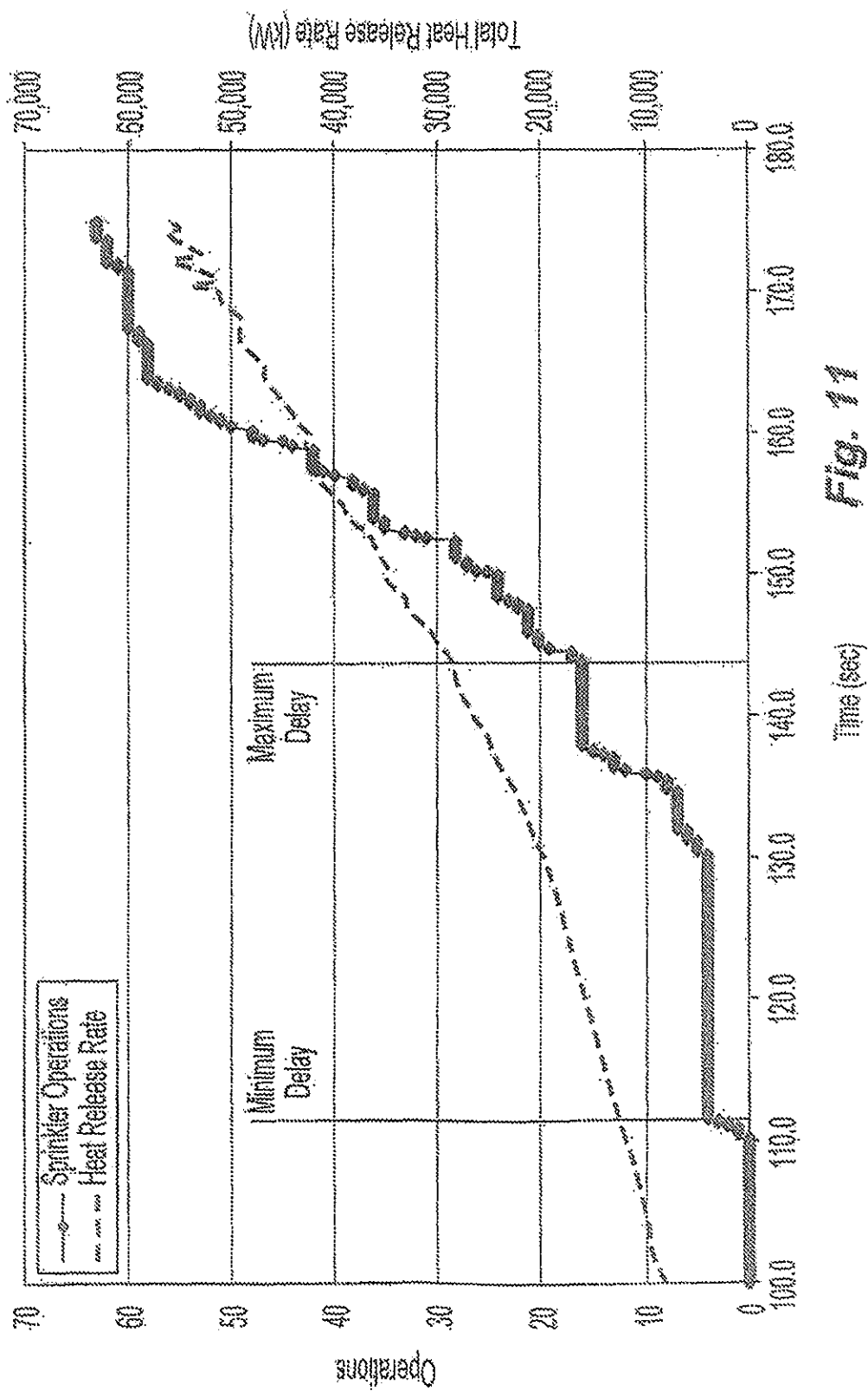


Fig. 11

Model Results: Class III Commodity, Double Row Rack Storage, 35 ft  
Storage Height, 45 ft Ceiling Height

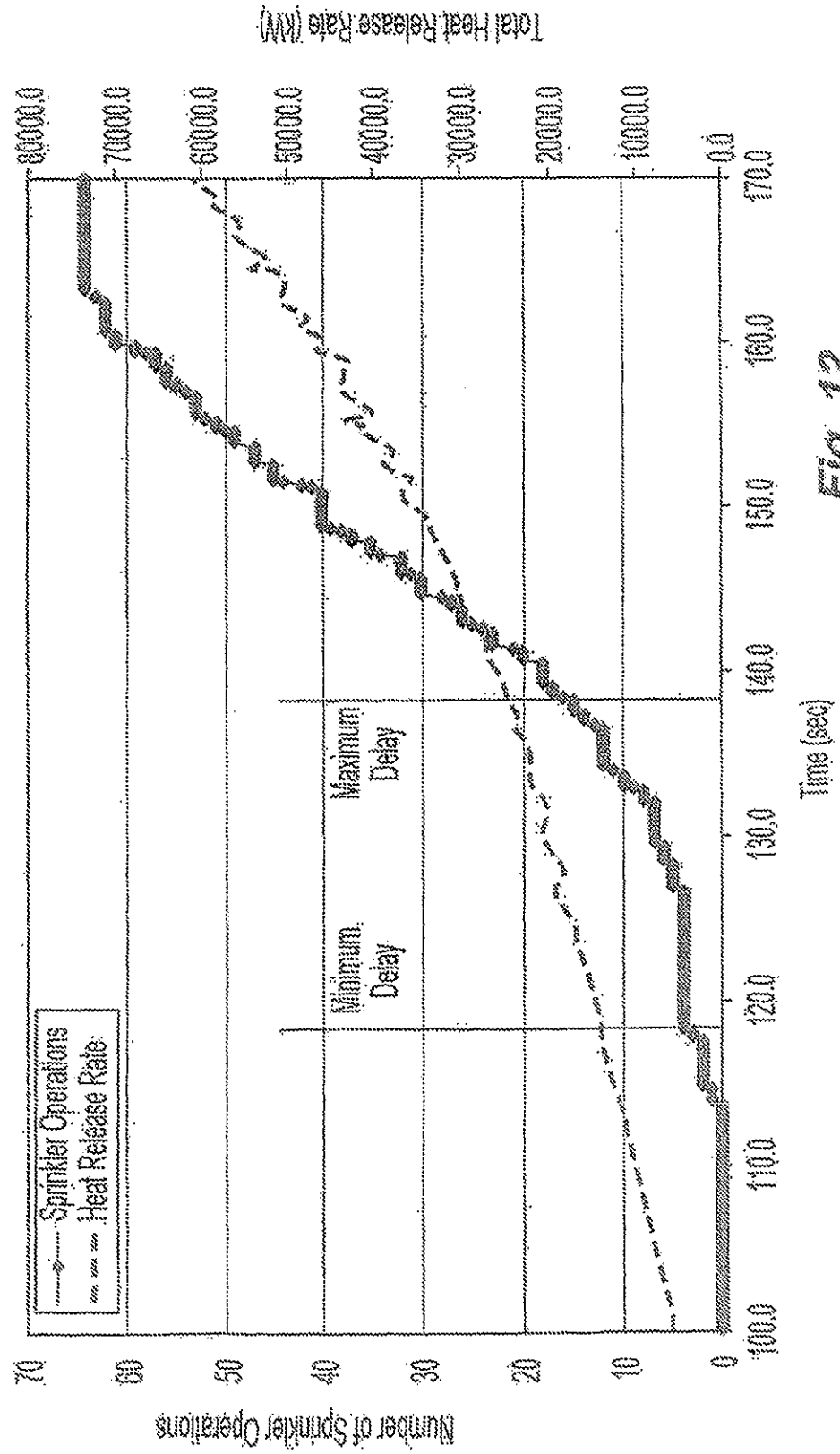
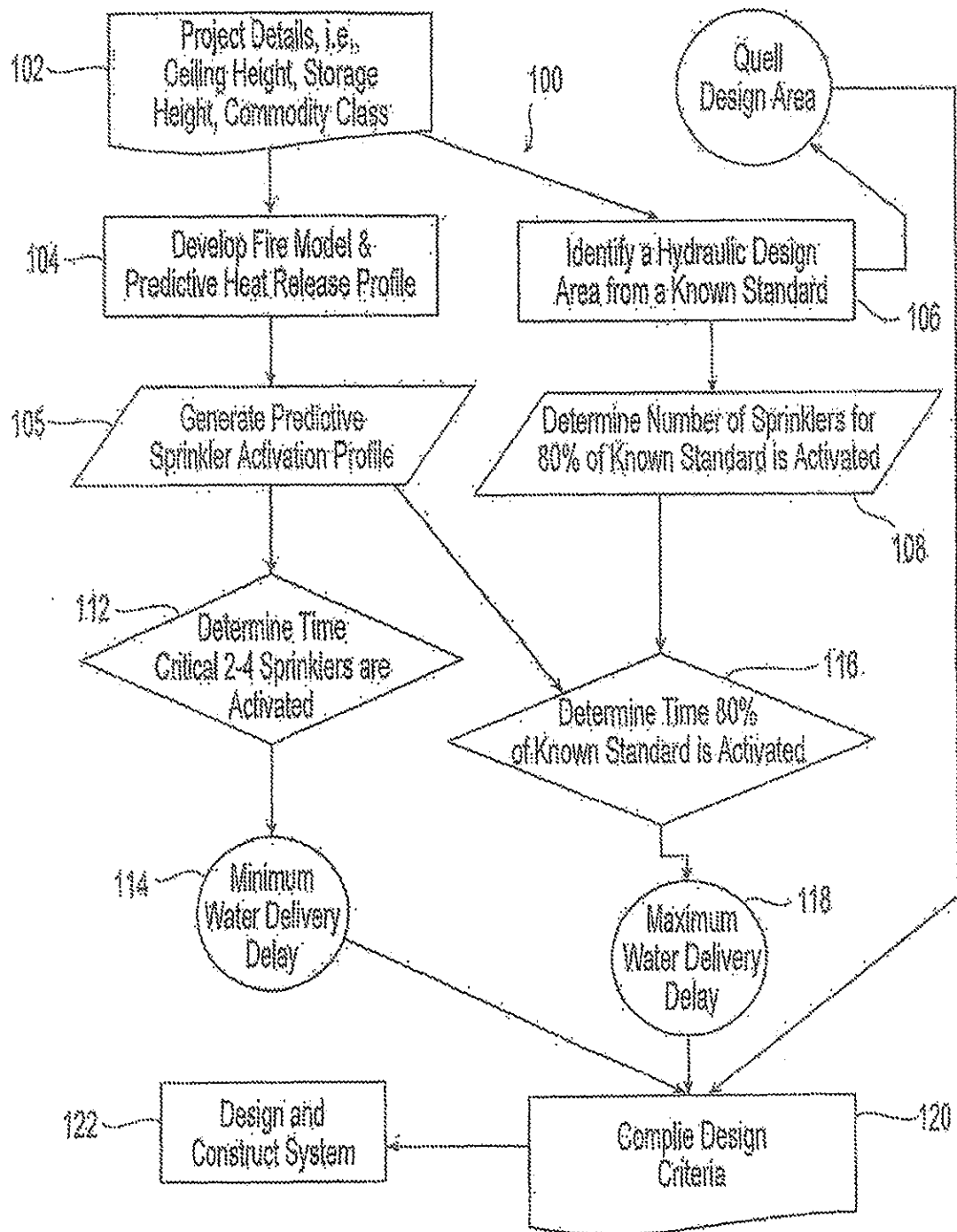
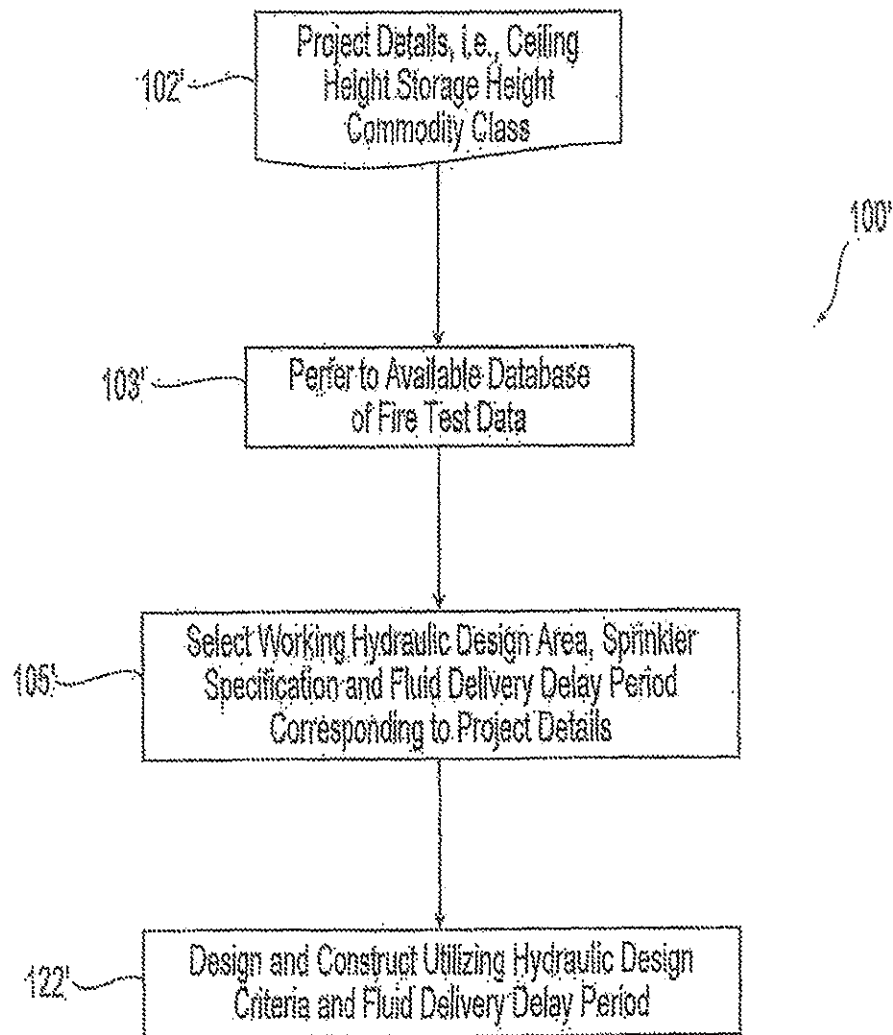
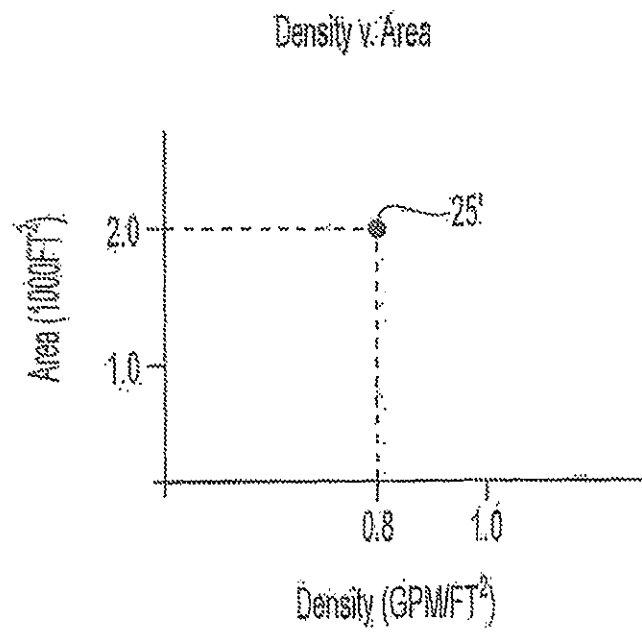
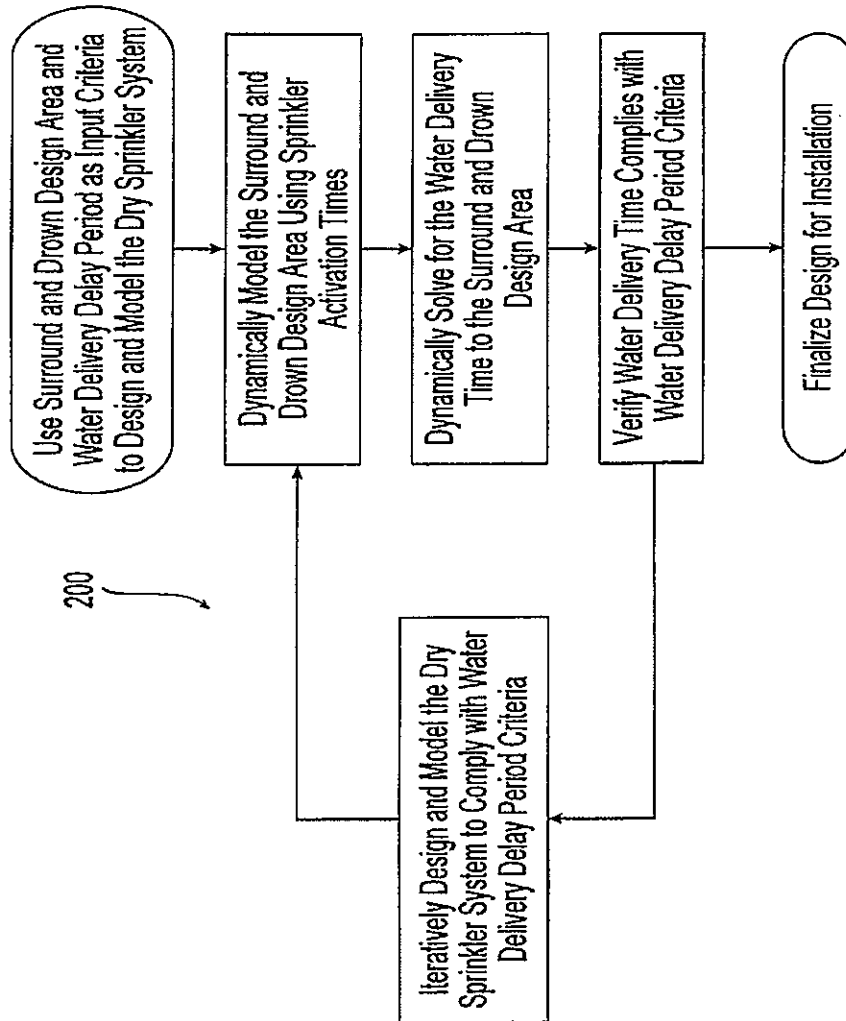


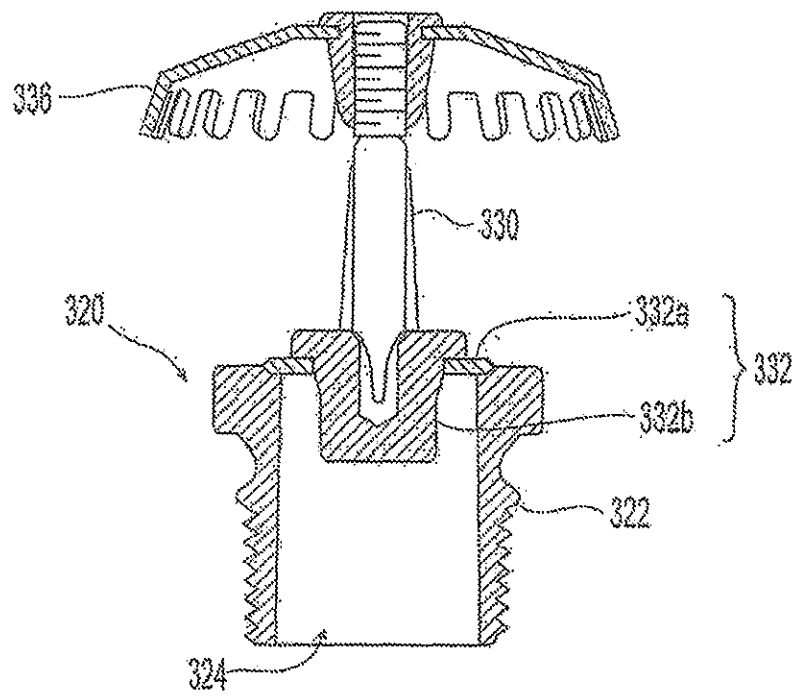
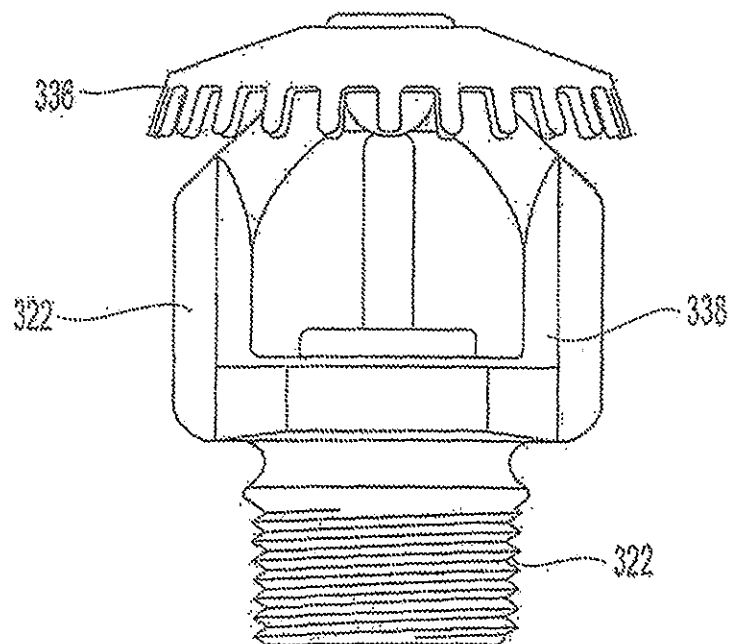
Fig. 12

**Fig. 13**

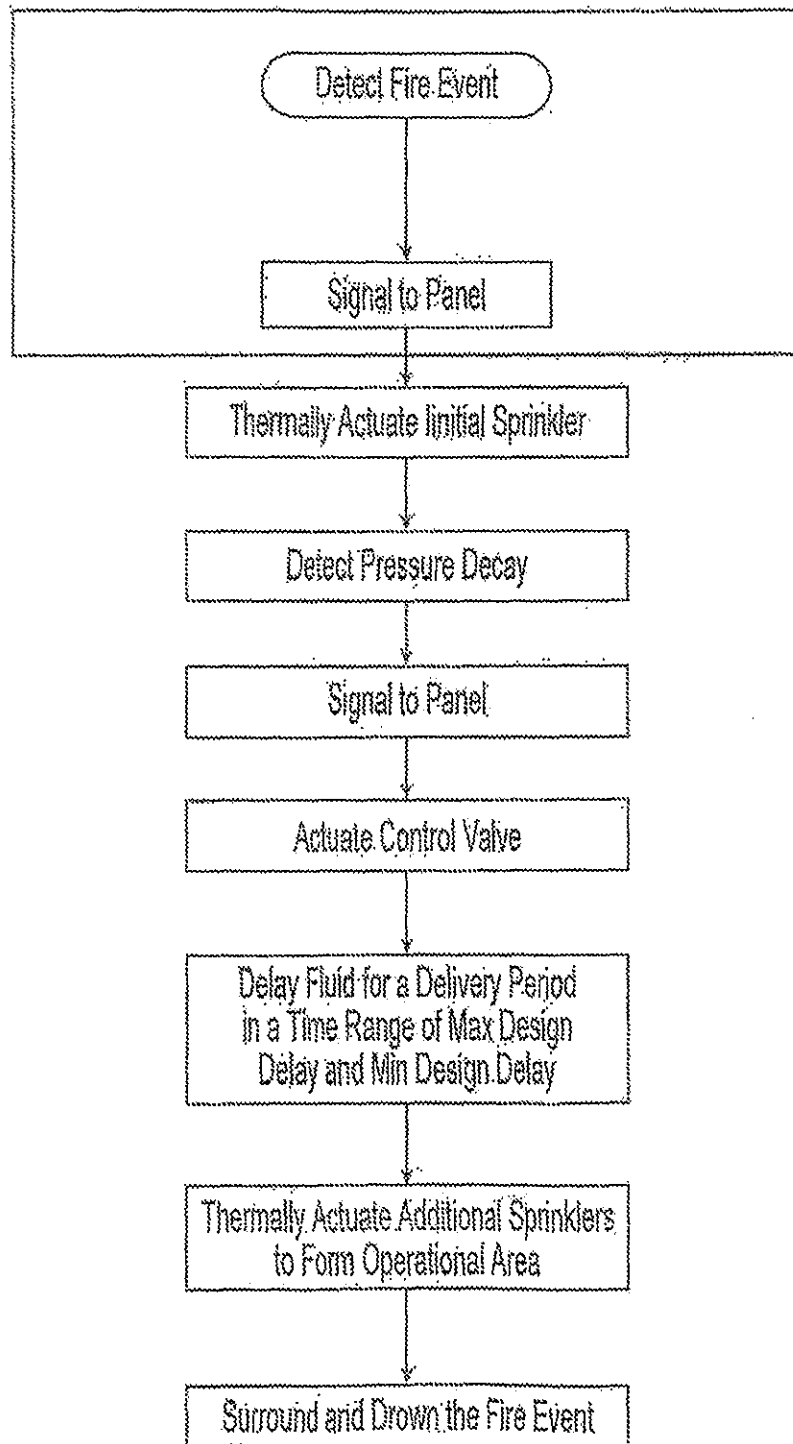
**Fig. 13A**

***Fig. 13B***

**Fig. 14**

**Fig. 15****Fig. 16**



*Fig. 17A*

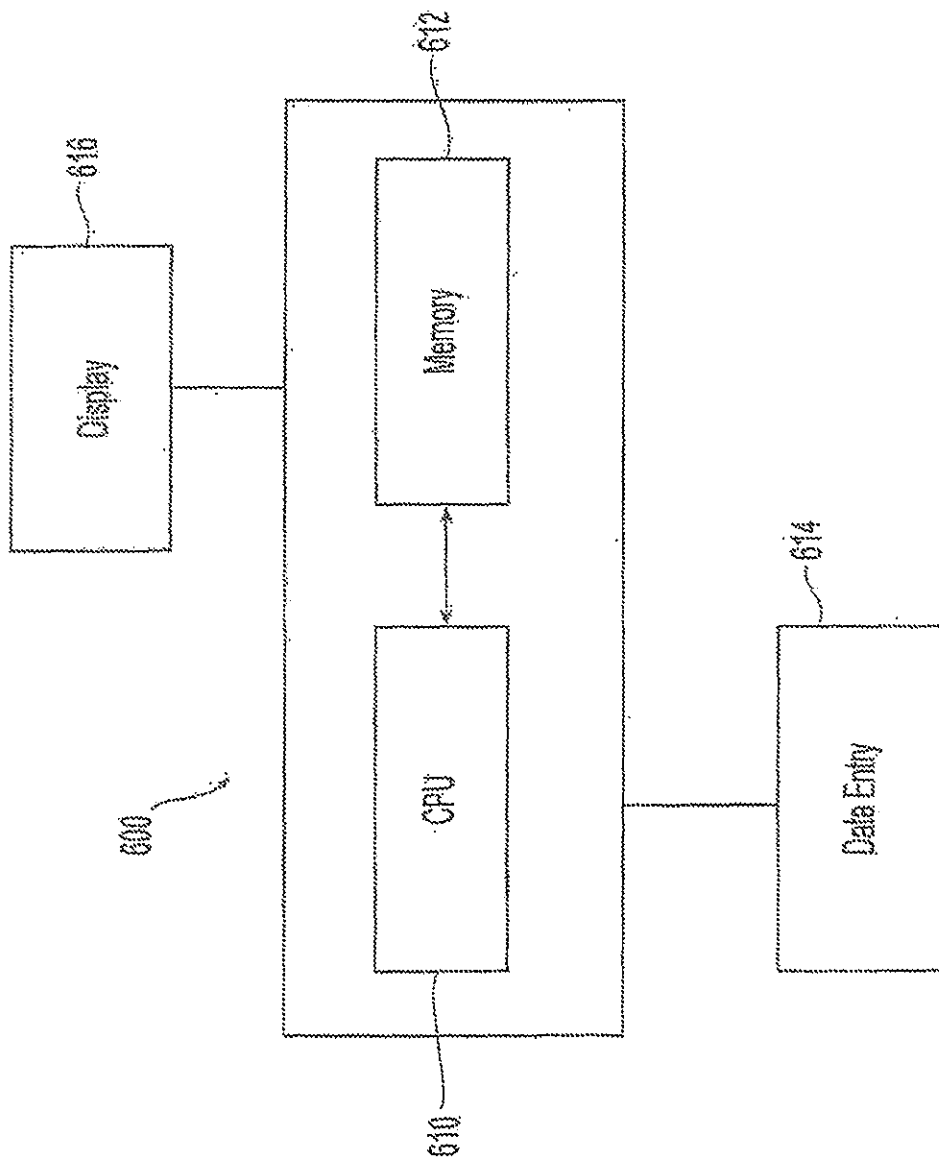
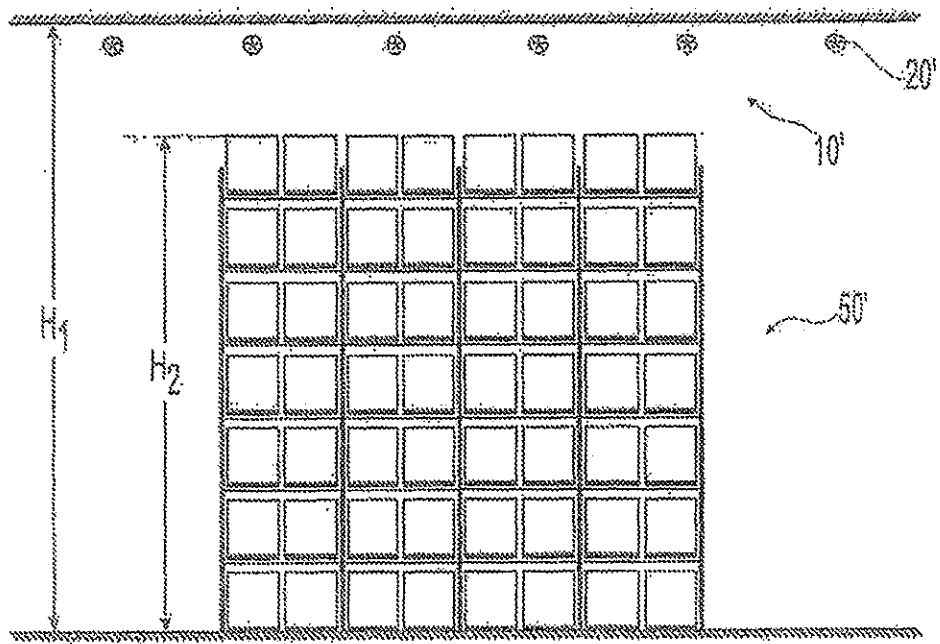
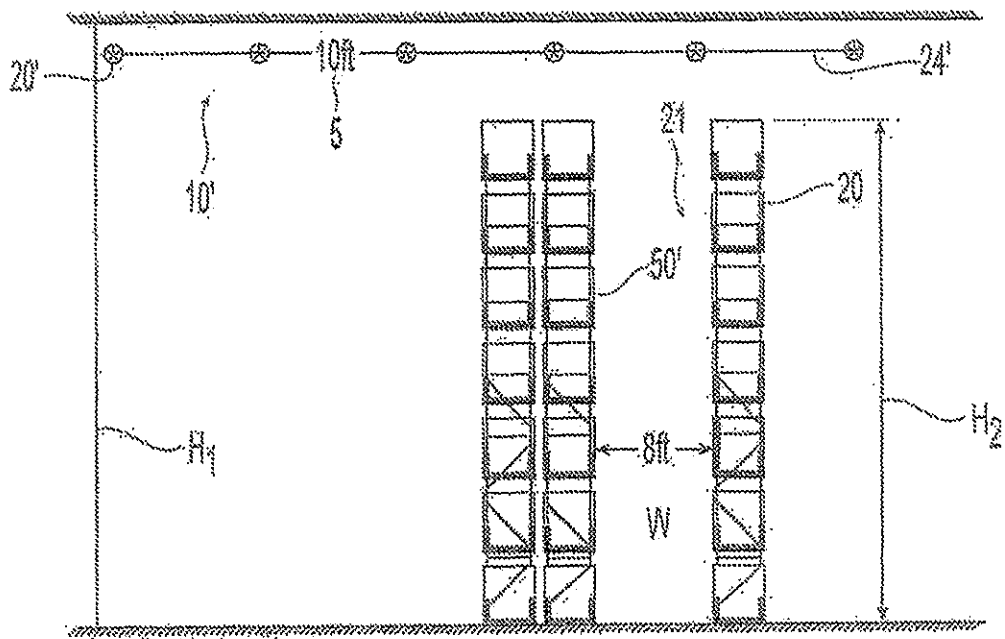
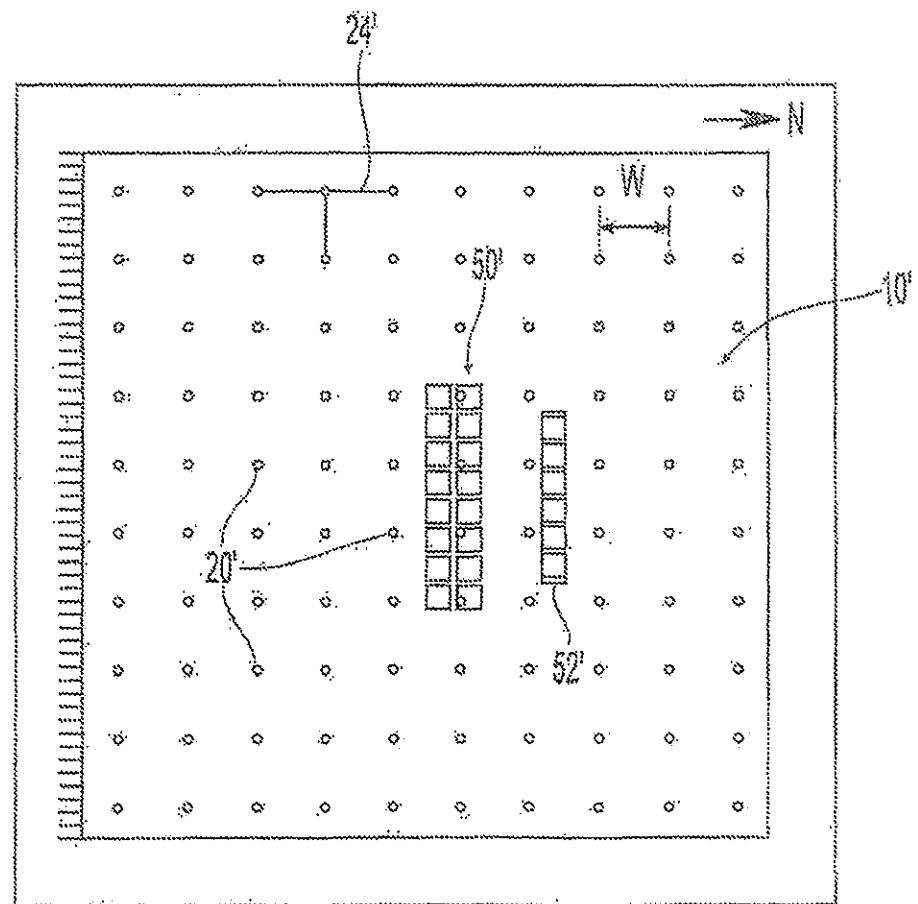


Fig. 18

*Fig. 18A*

*Fig. 18B*

*Fig. 18C*

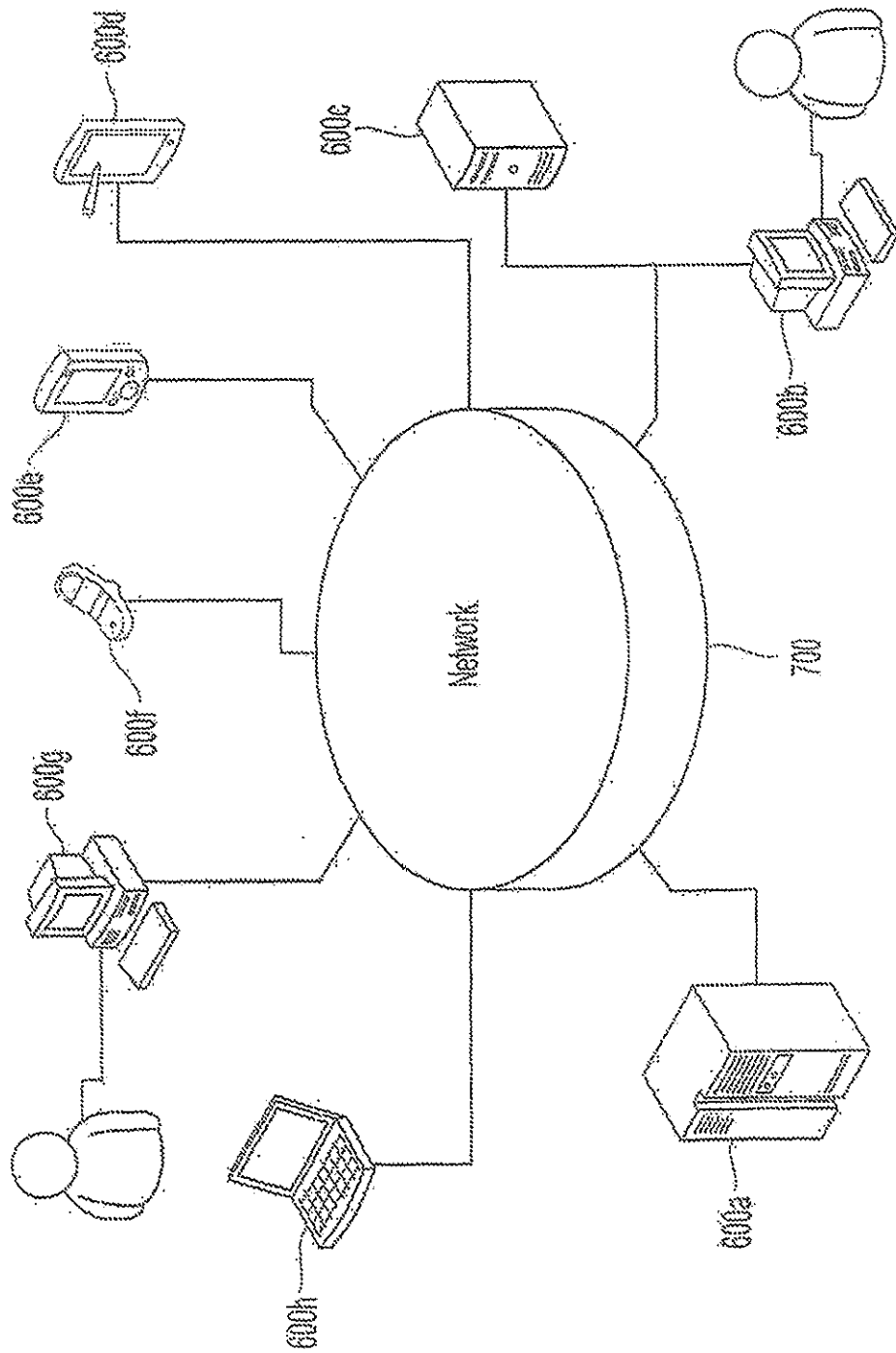


Fig. 19

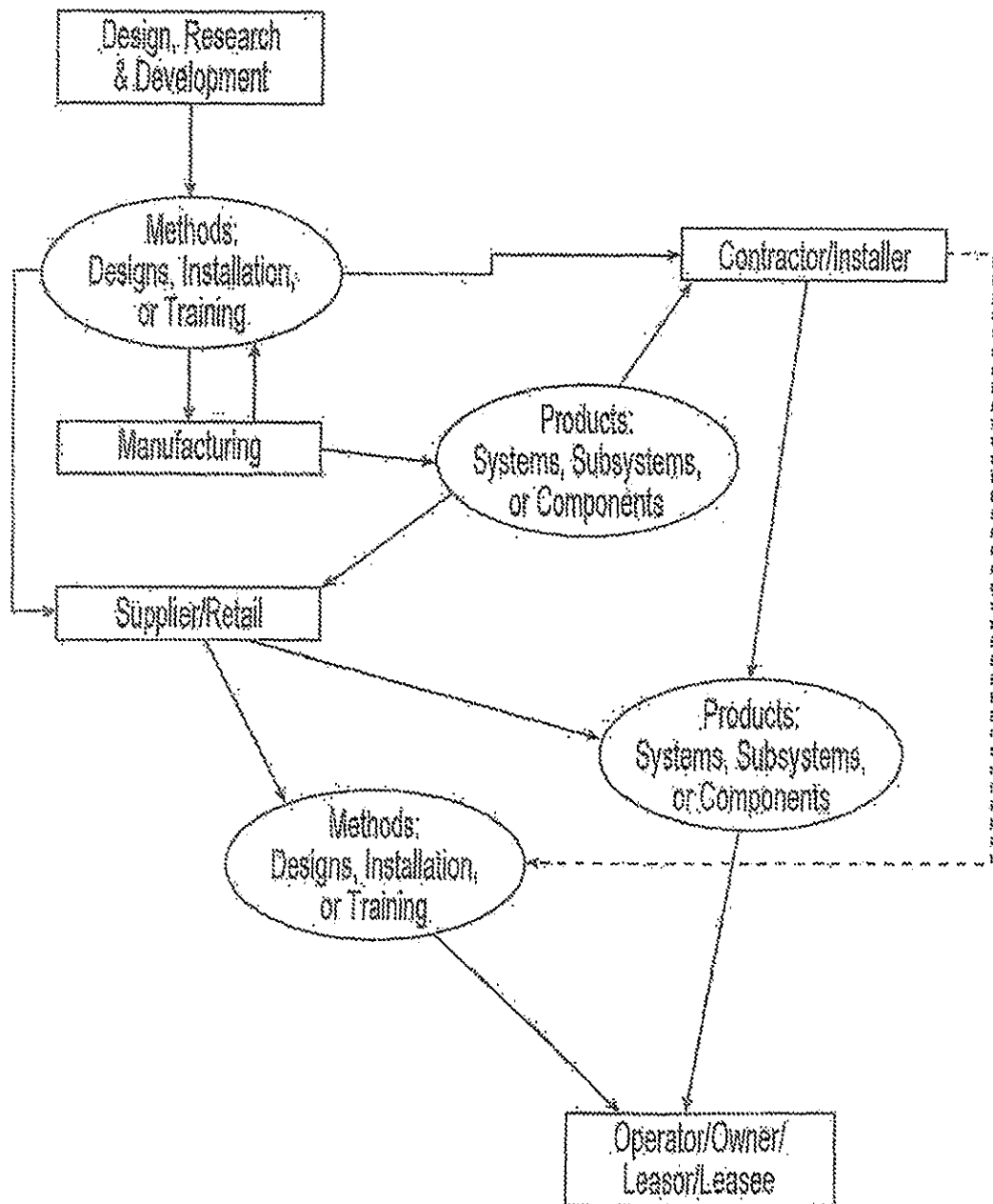
**Fig. 20**

FIG. 21

