

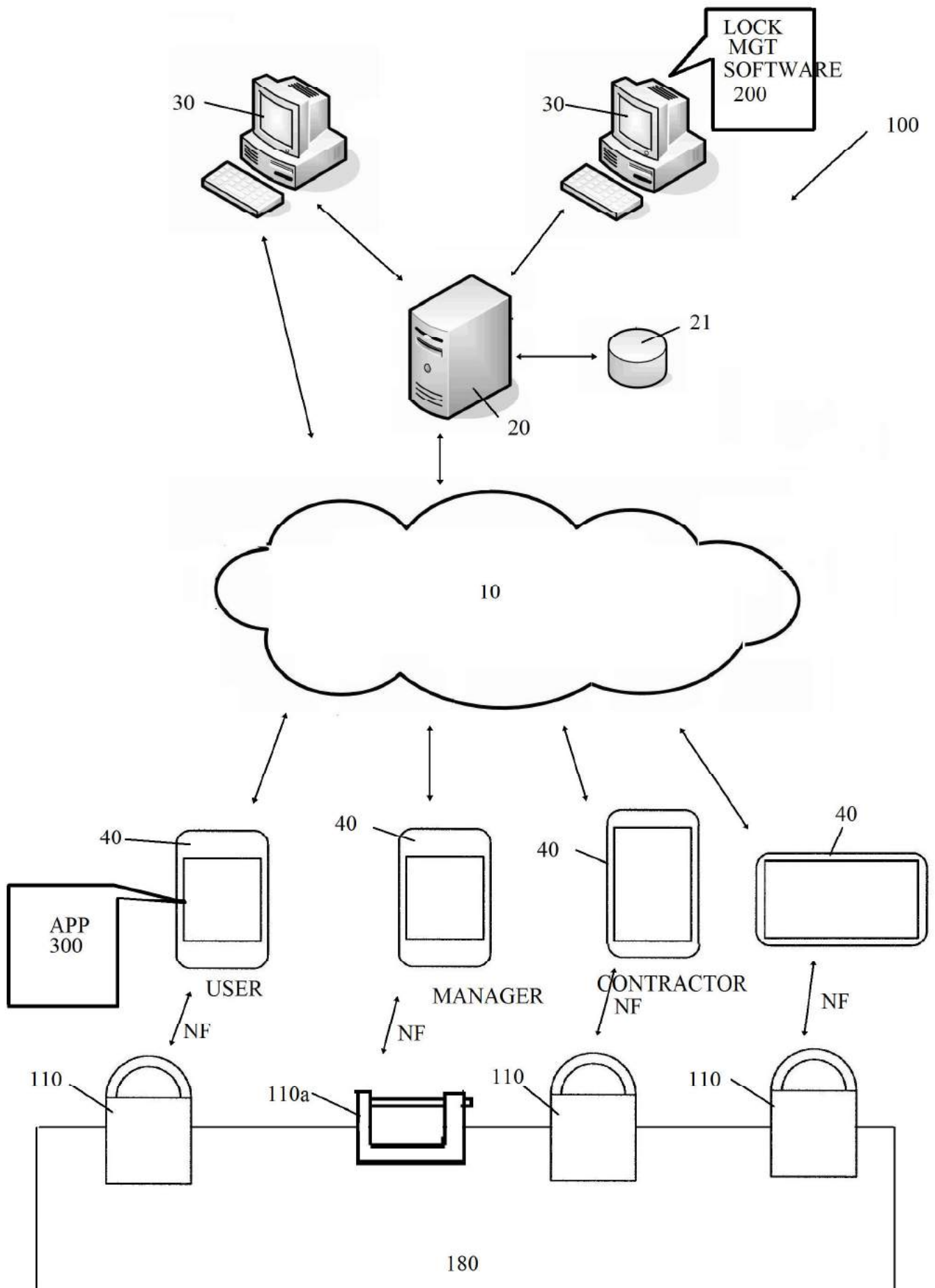


FIG. 1A

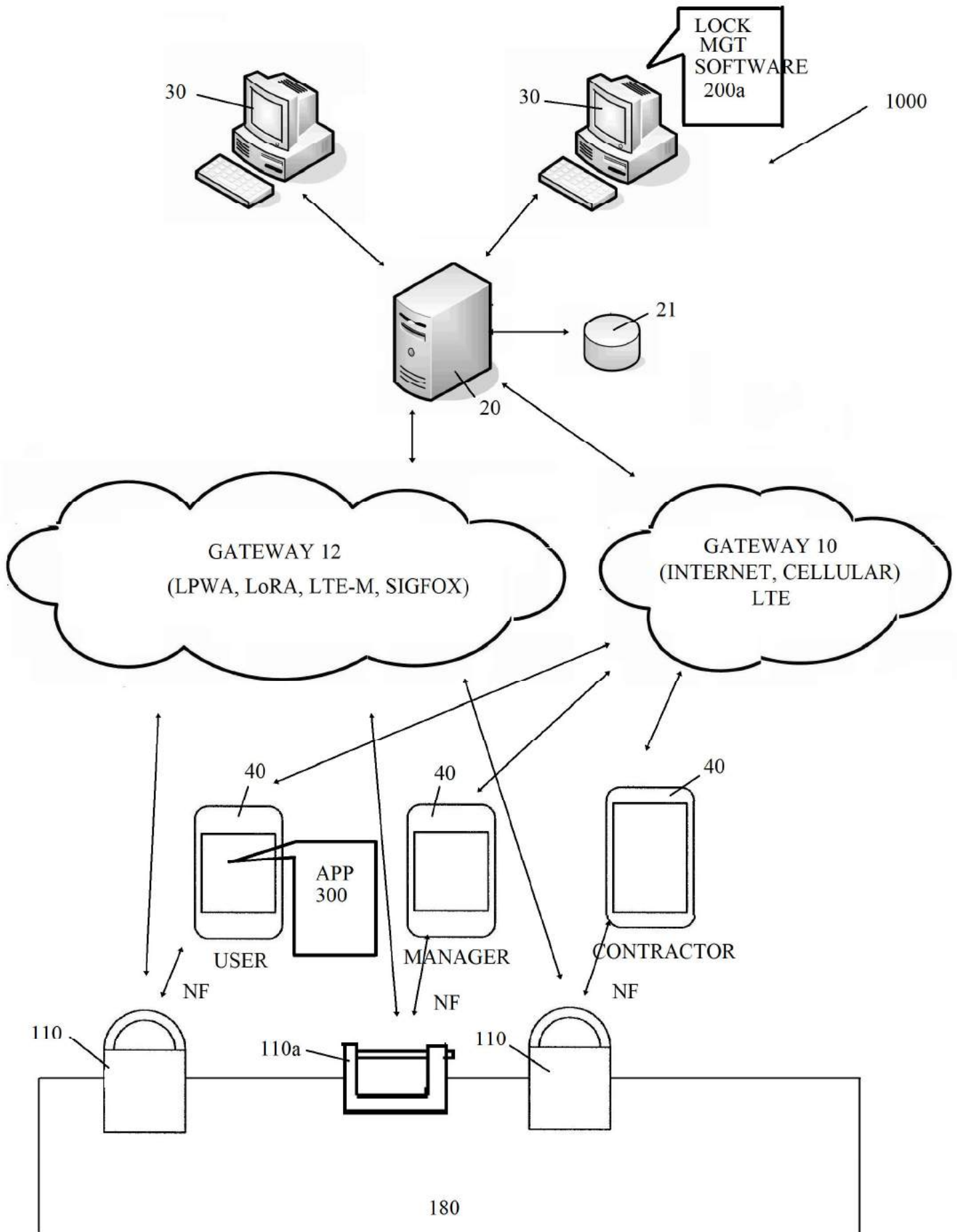


FIG. 1B

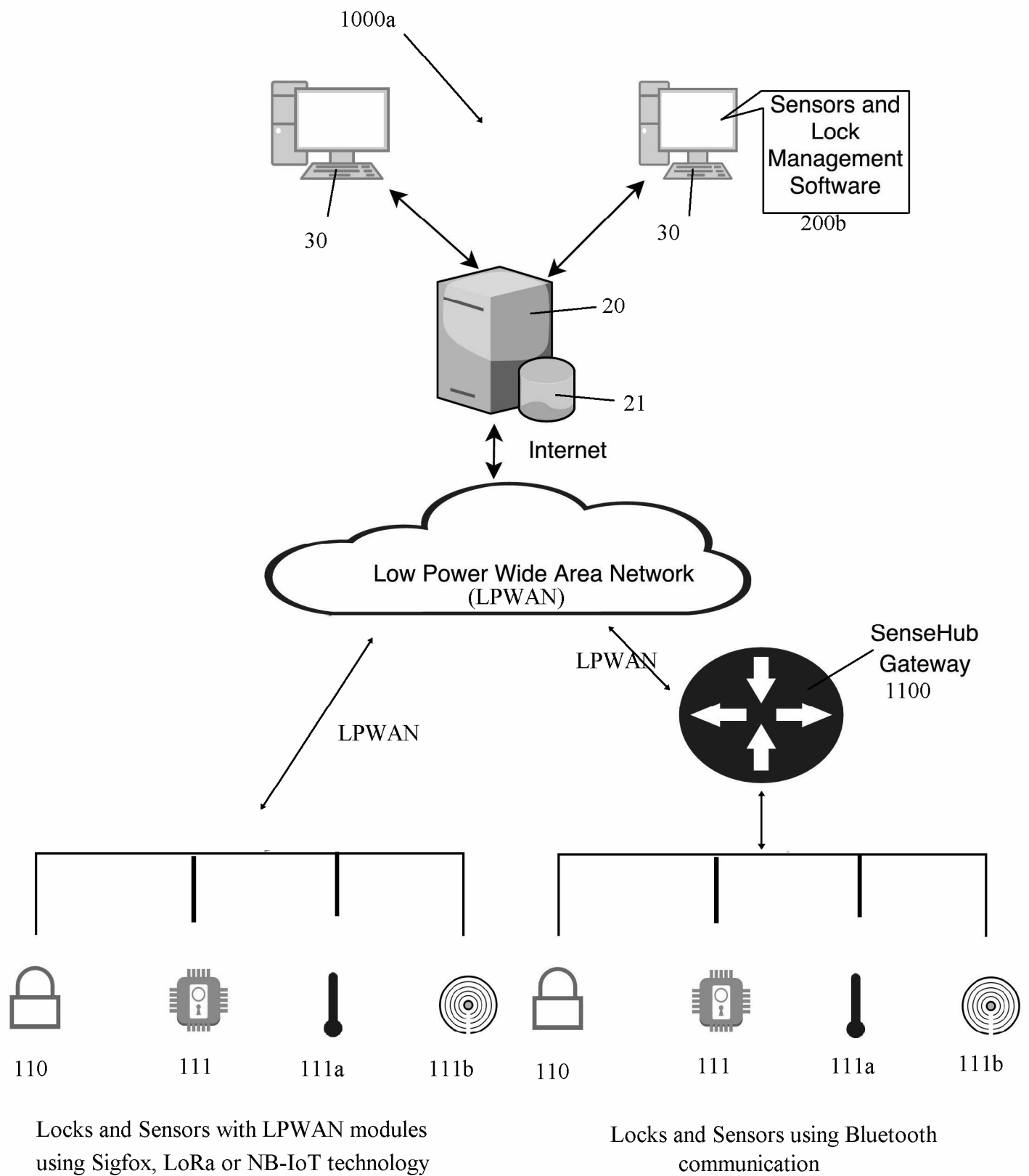


FIG. 1C

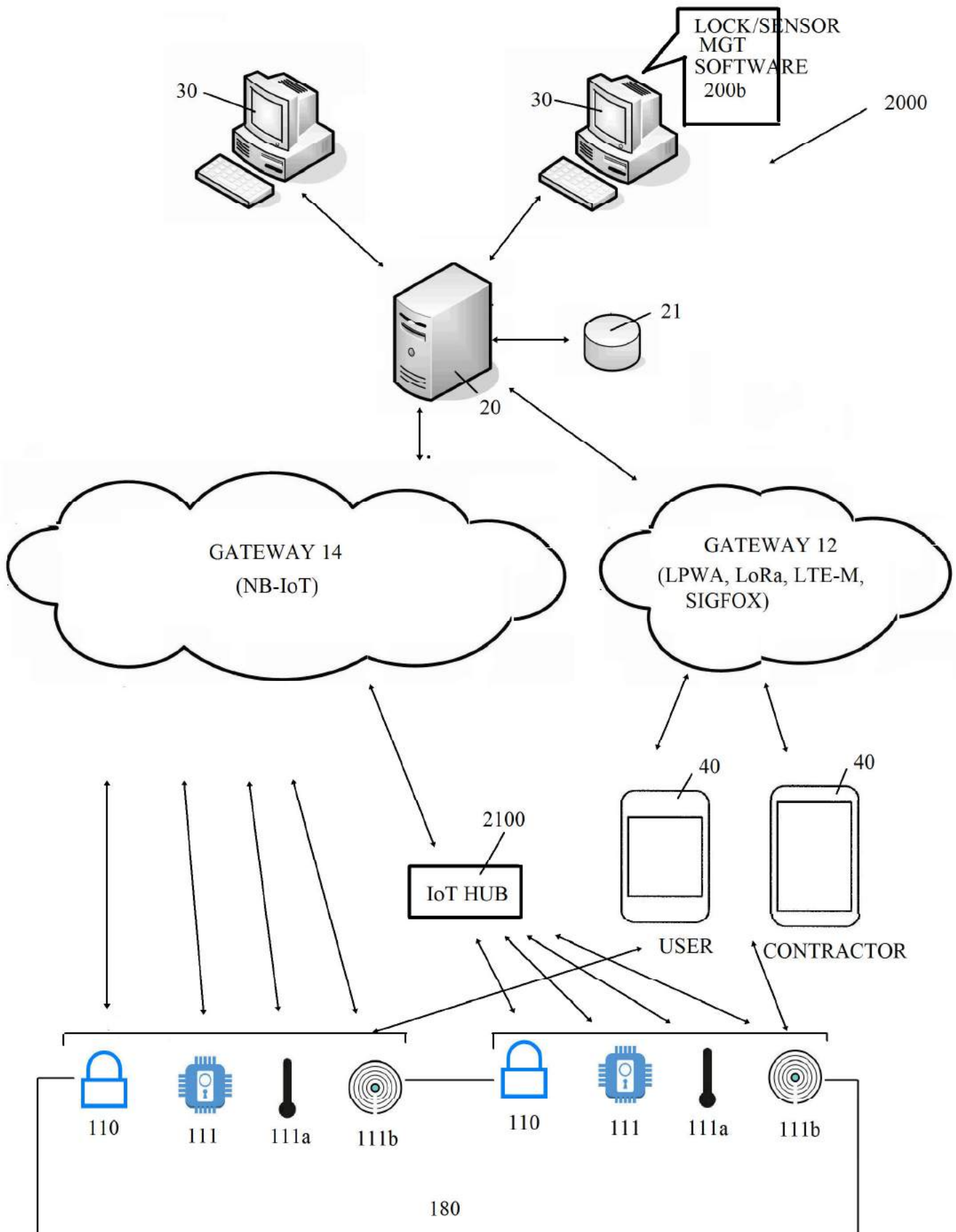


FIG. 1D

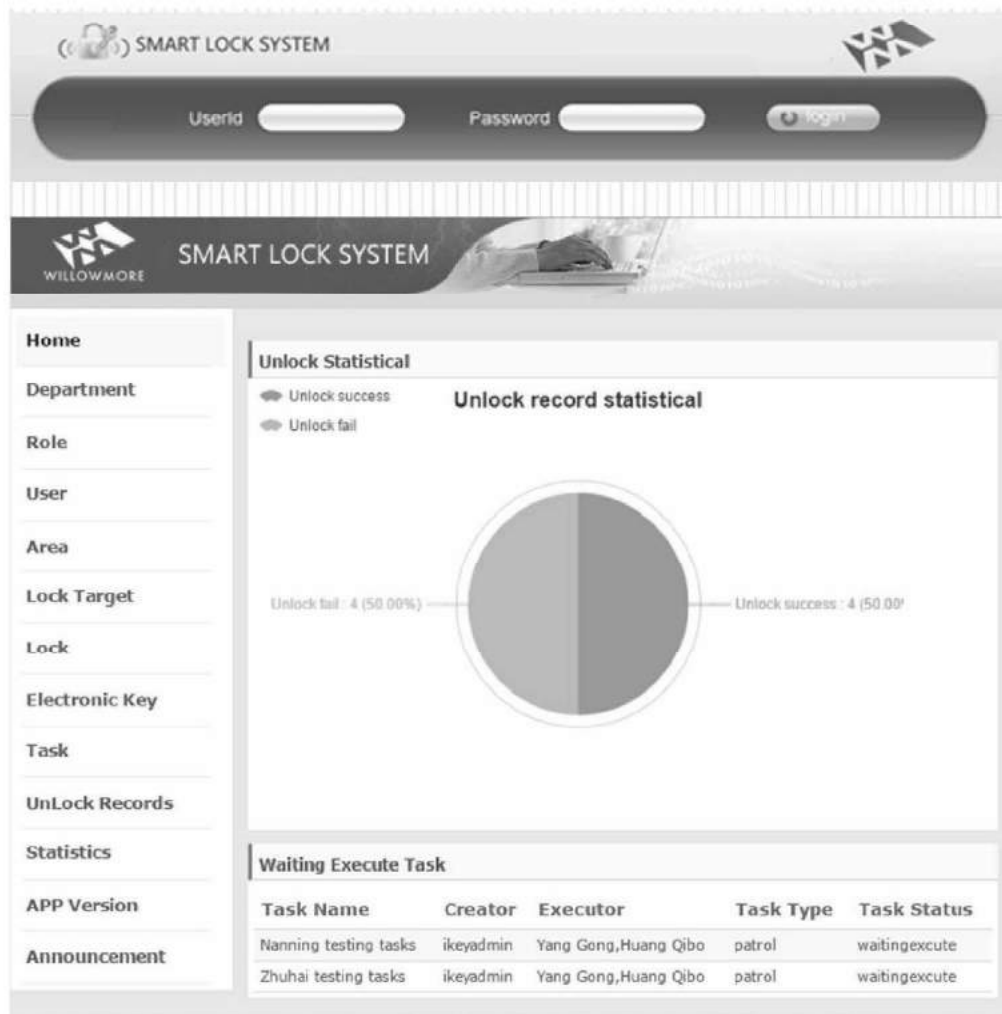


FIG. 1E

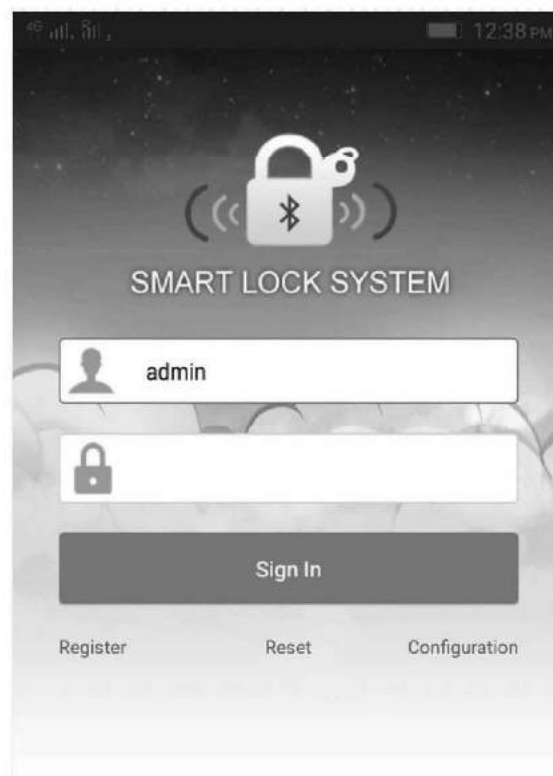


FIG. 1F

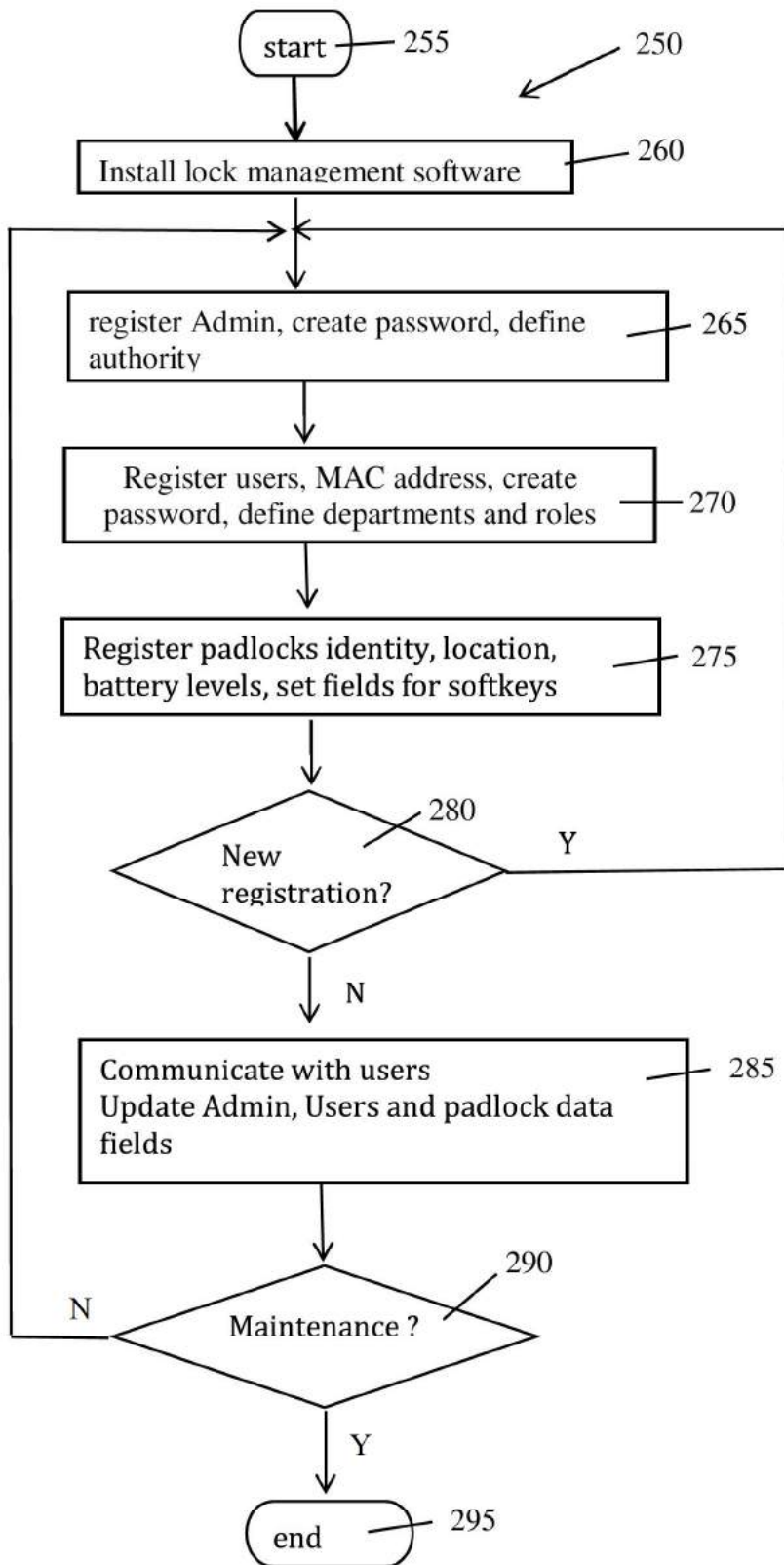


FIG. 2A

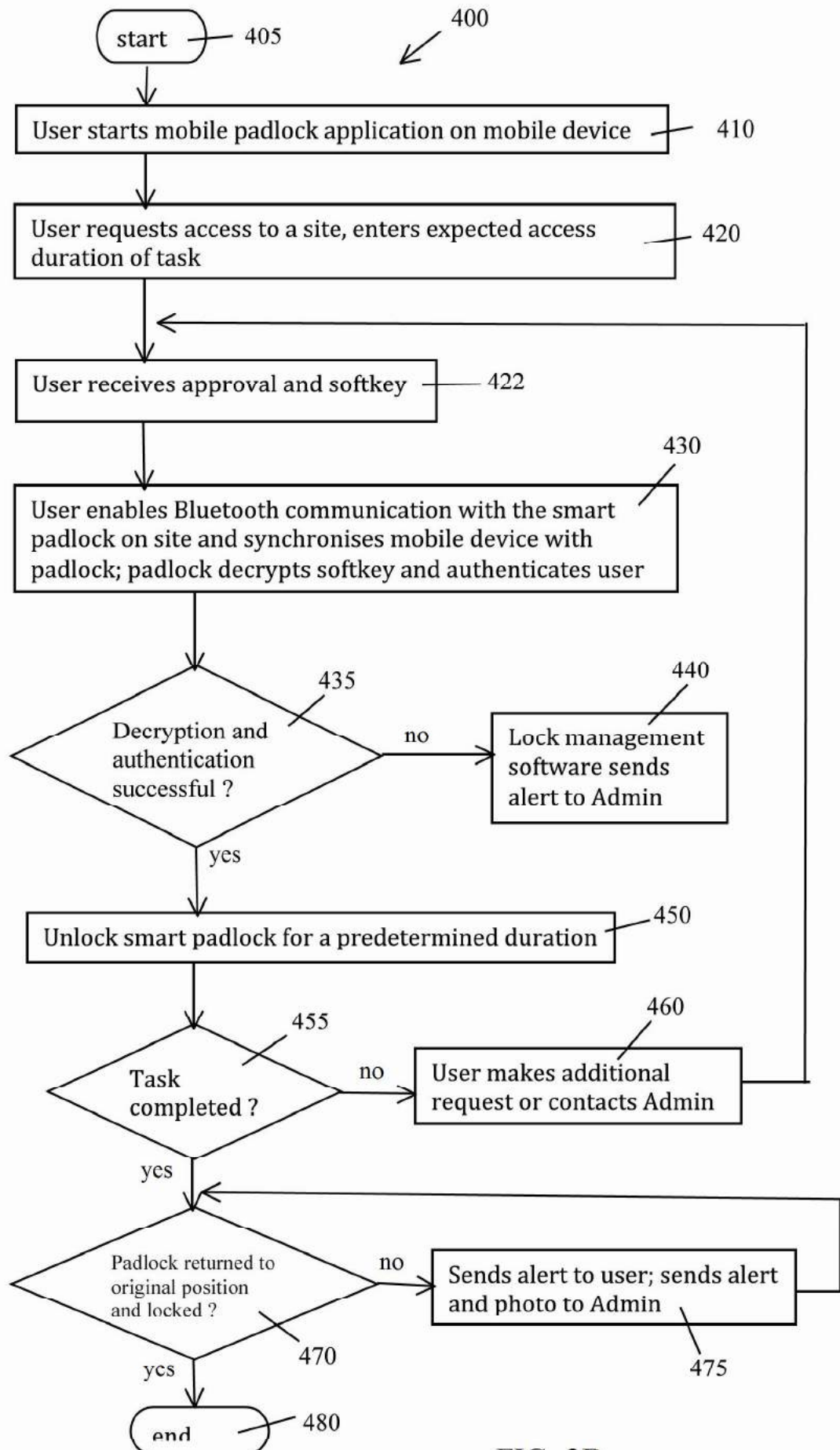


FIG. 2B

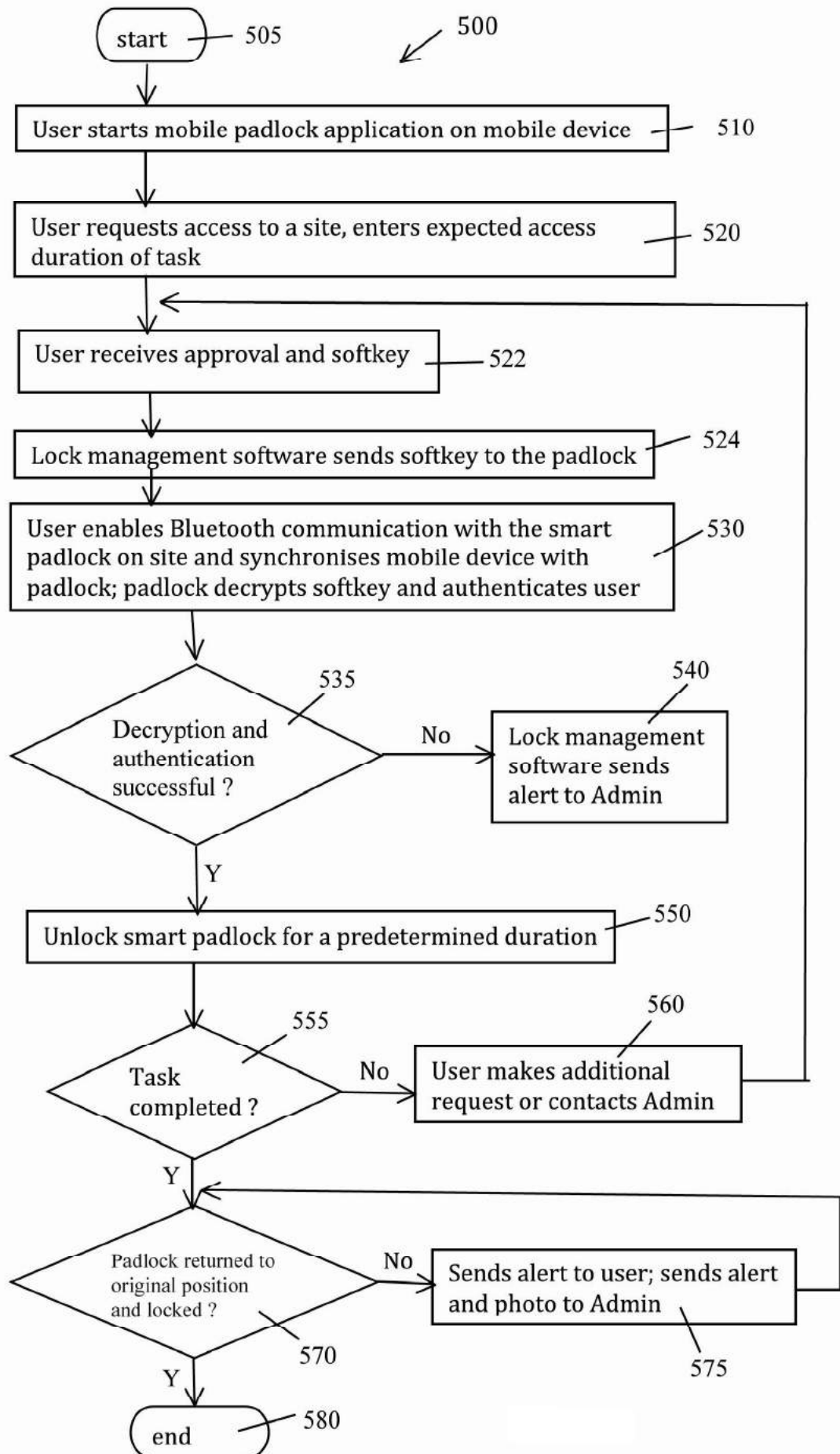


FIG. 2C

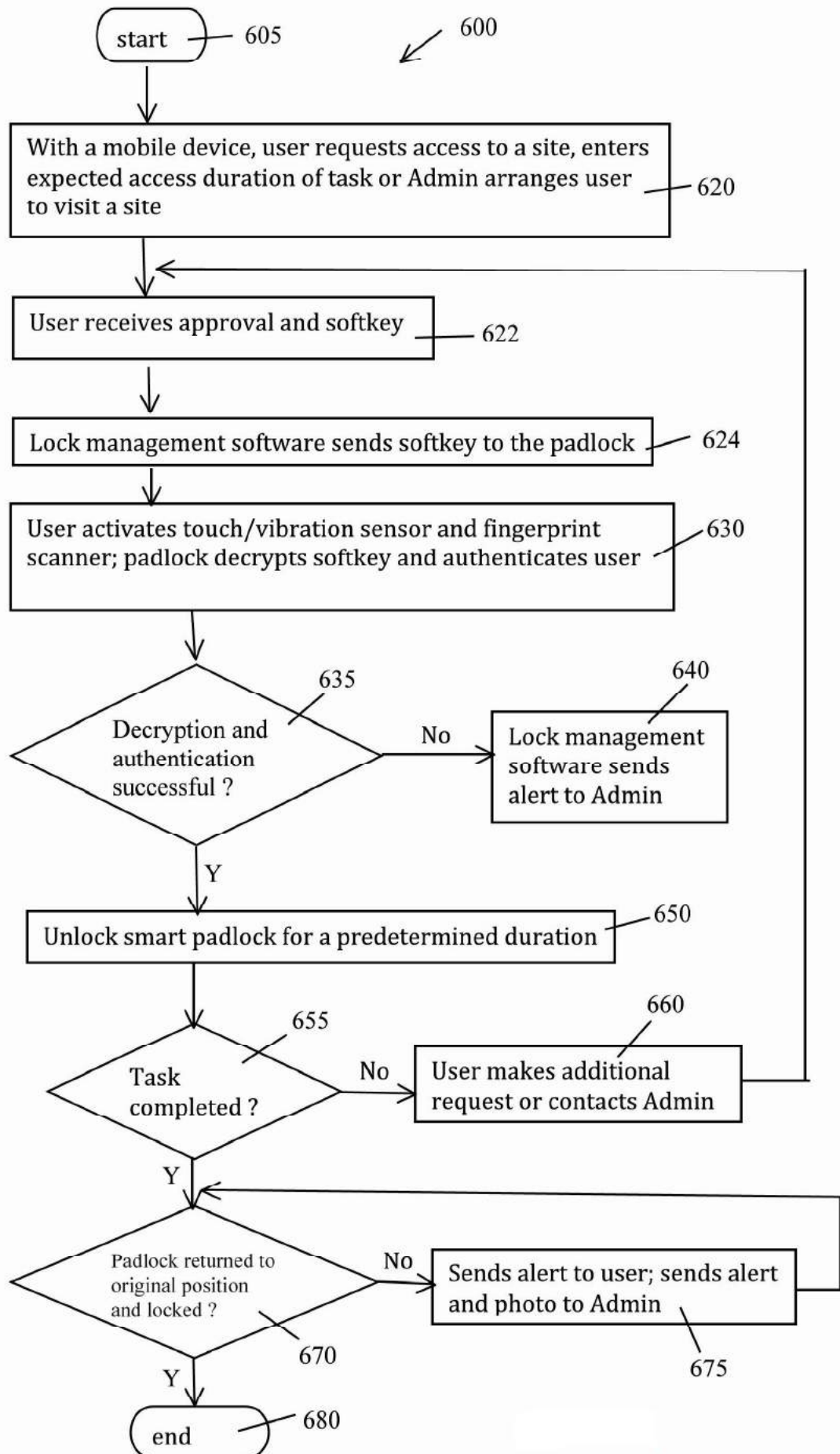


FIG. 2D

Table 1A: Administration Information

Corporate/enterprise name				
Region 1	Personnel	Role	Access Permission	
	Manager	supervisor	All areas	mobile contact; MAC; GPS
	Admin 1	Office admin	-	-
	Admin 2	Audit admin	-	-
	Admin 3	technical	restricted	mobile contact; MAC; GPS
	IT	technical	restricted	mobile contact; MAC; GPS
Region 2	engineer	technical	All areas	mobile contact; MAC; GPS
	technician	technical	restricted	mobile contact; MAC; GPS

Table 1B: Users and Padlocks Information

Region 1				Smart Padlock	
Site name	Personnel	Access Permission		Padlock ID1	Padlock ID2
	Site manager	All areas	Mobile contact; MAC		
Site department: M & E	Site engineer	All areas	Mobile contact; MAC; GPS	Approved; date; start time; end time	
	Site contractor	restricted	Mobile contact; MAC; GPS	Approved; date; start time; end time	expired
Site department: fibre	Site engineer 1	All areas	Mobile contact; MAC; GPS		
	Site technician	restricted	Mobile contact; MAC; GPS	expired	Approved; date; start time; end time
Site department: contractor	Contractor 1	All areas	Mobile contact; MAC;GPS	Privileged; date; start time; end time	

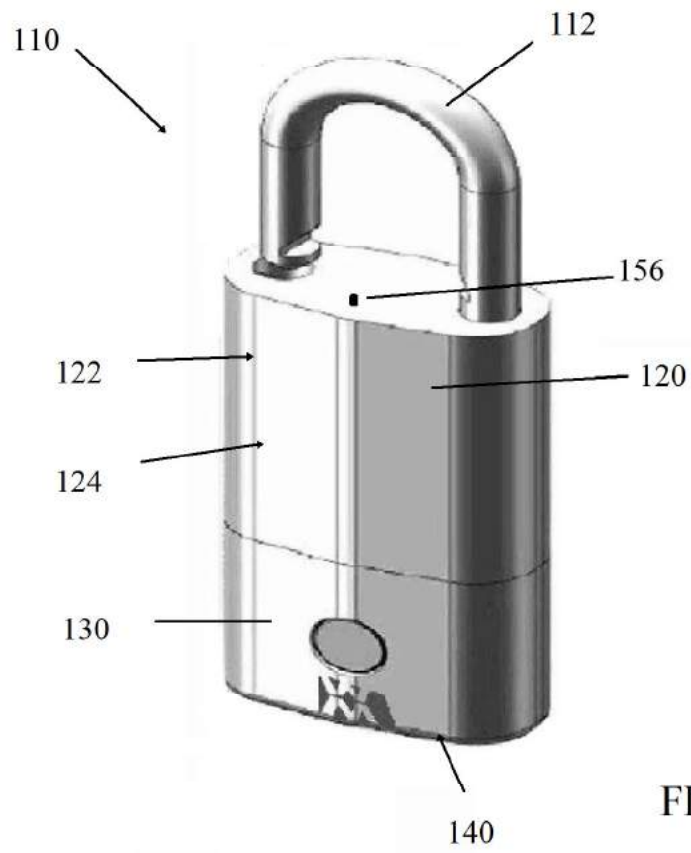


FIG. 3A

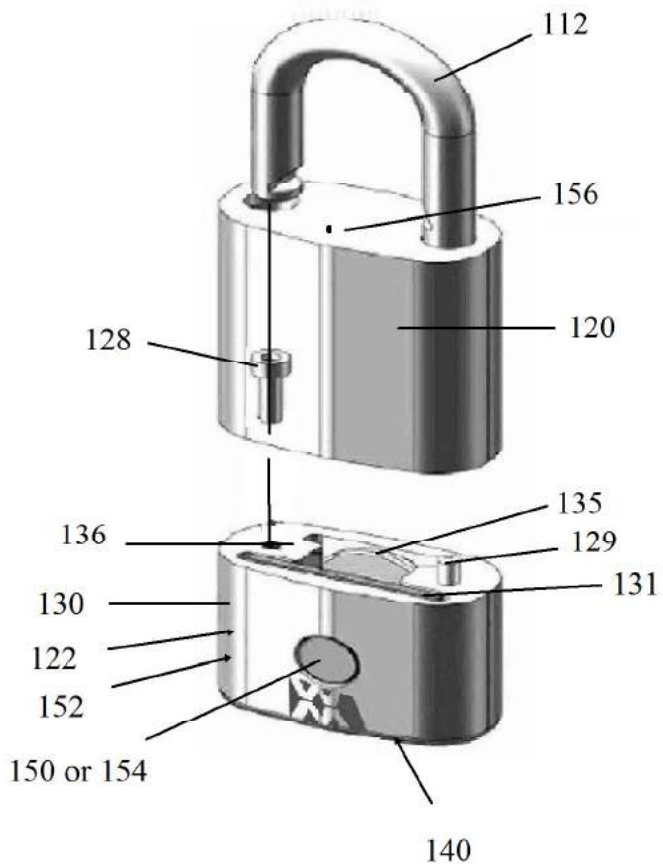


FIG. 3B

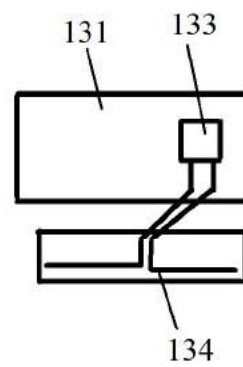
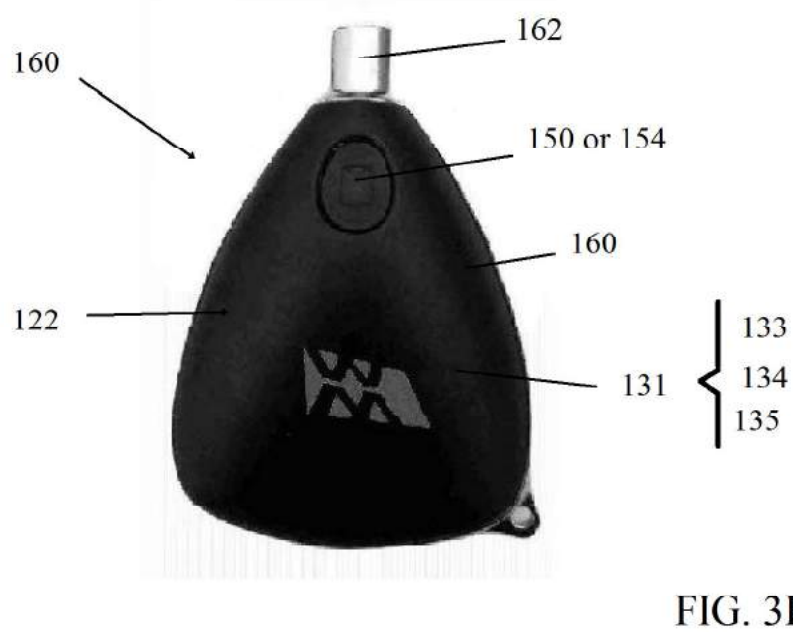
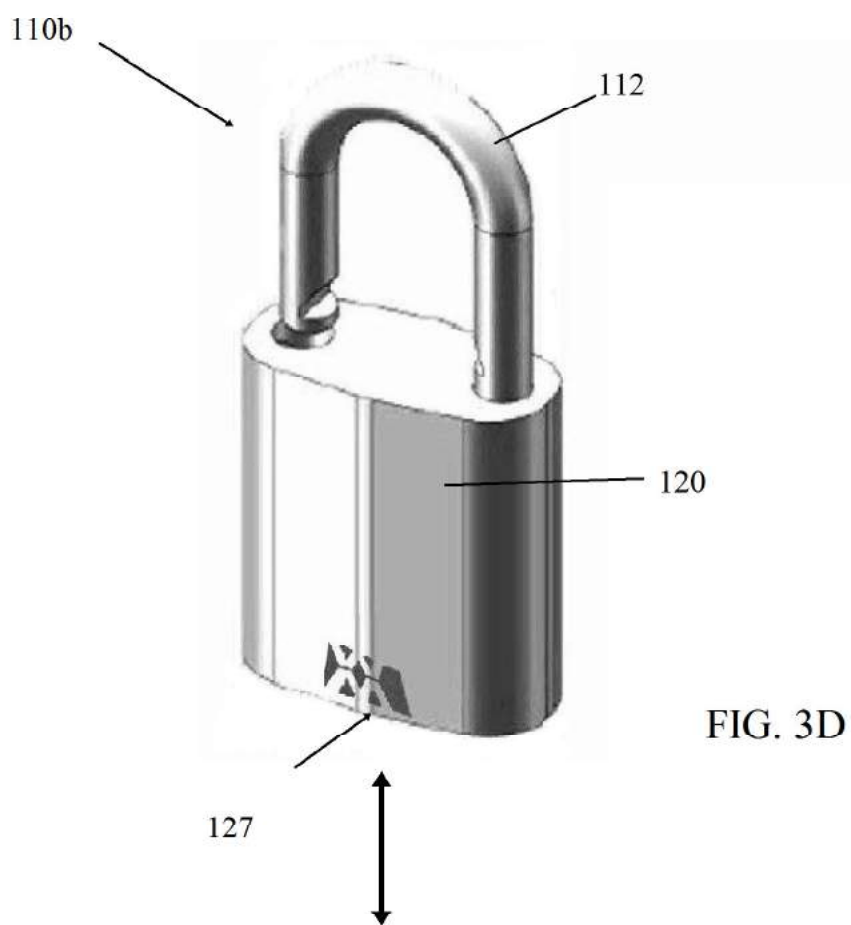


FIG. 3C



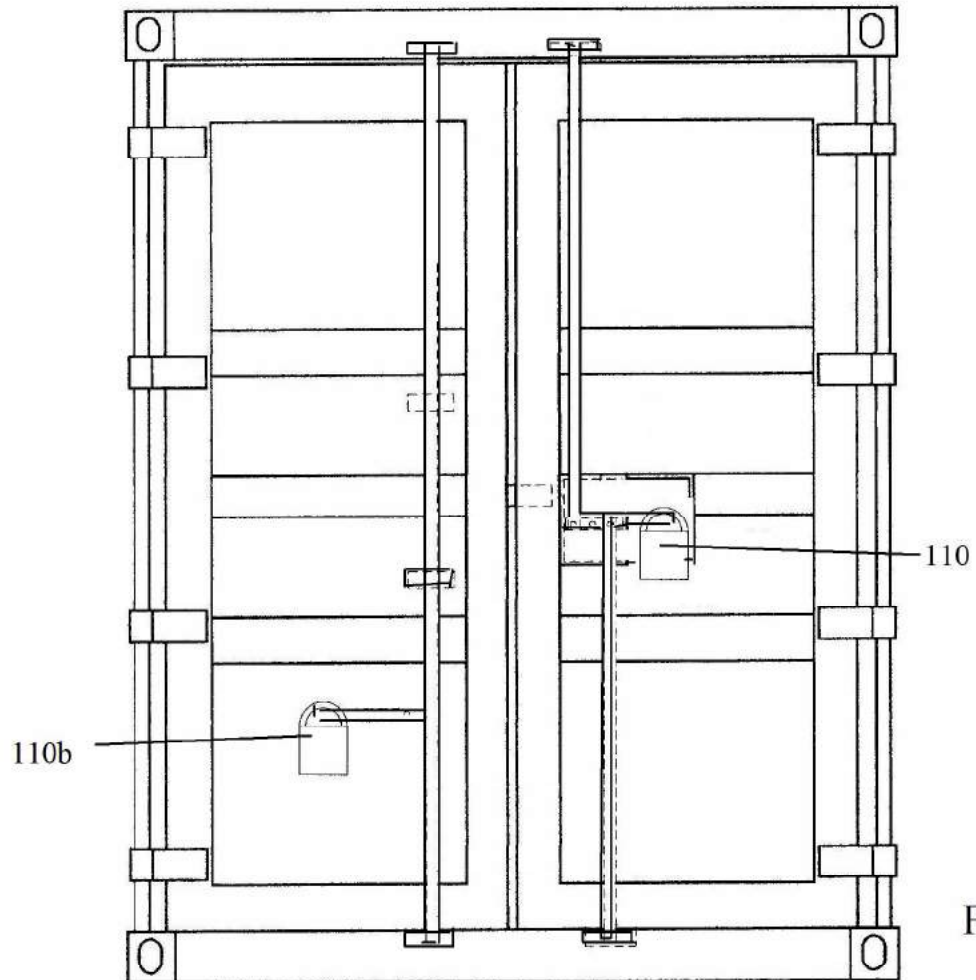


FIG. 4A

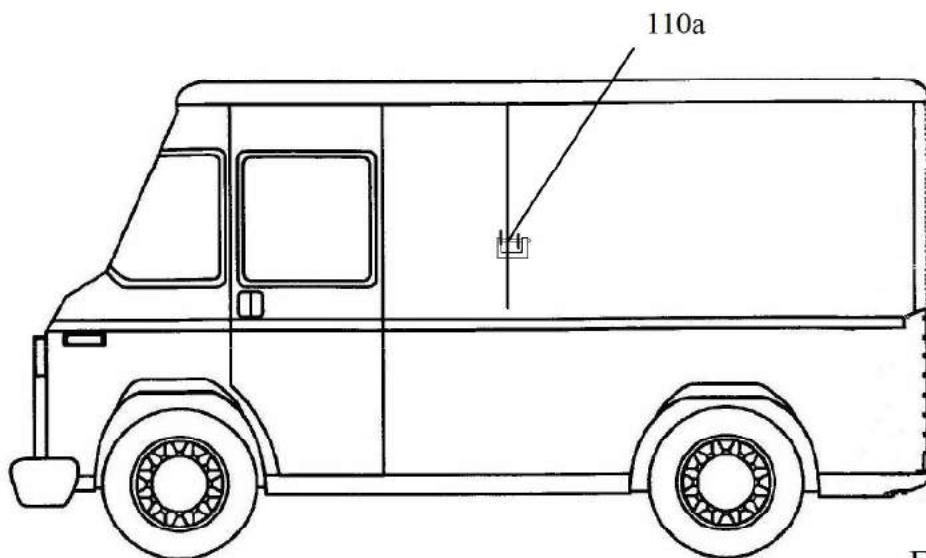


FIG. 4B



Mobile Smart Padlock Application

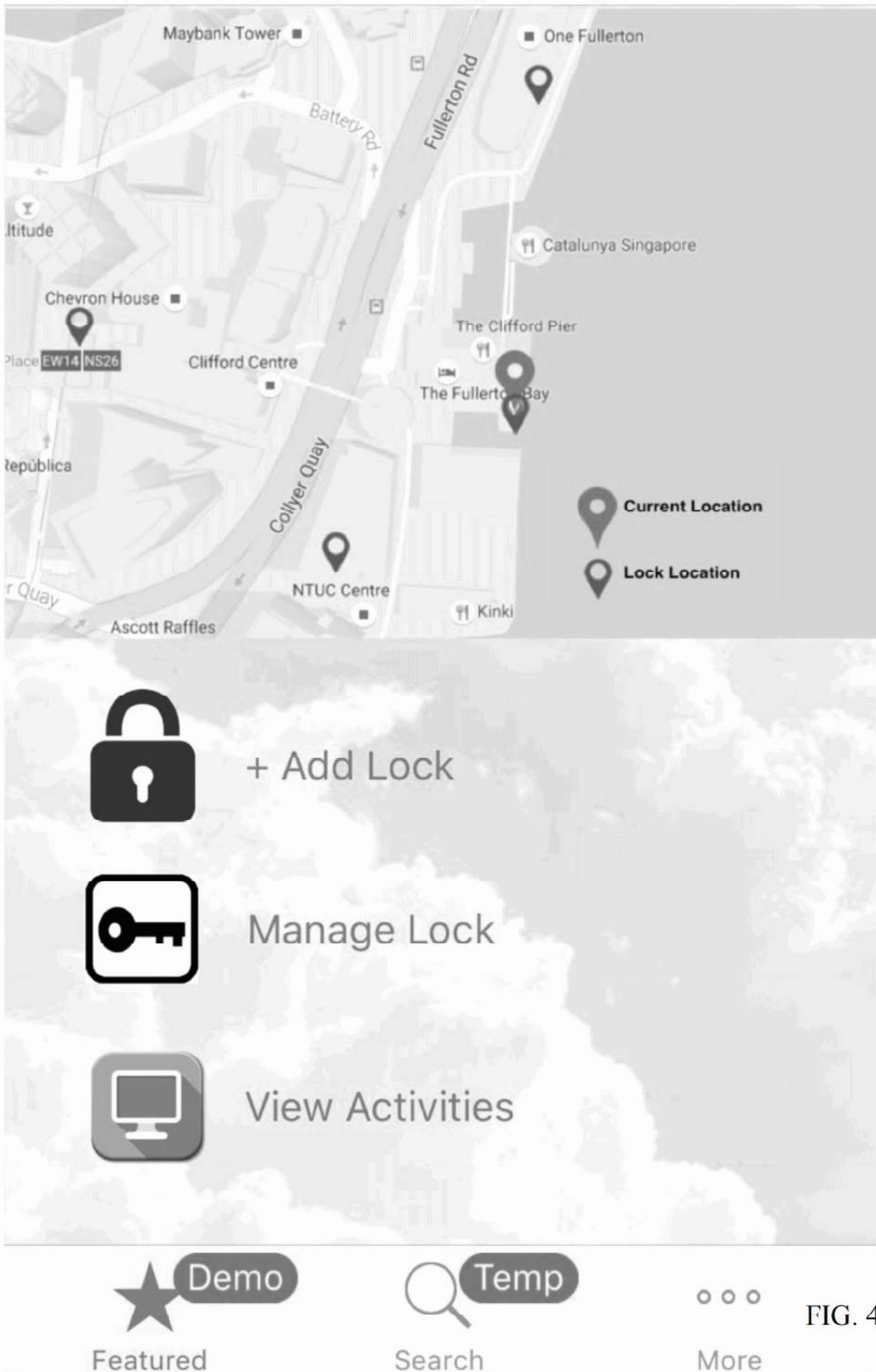


FIG. 4C