

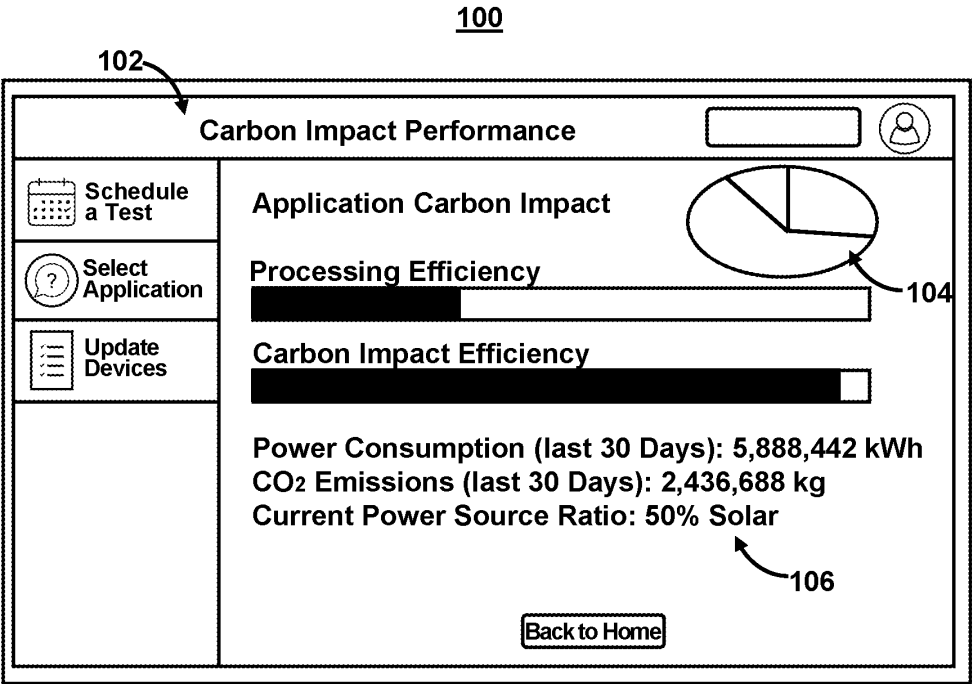


FIG. 1

200

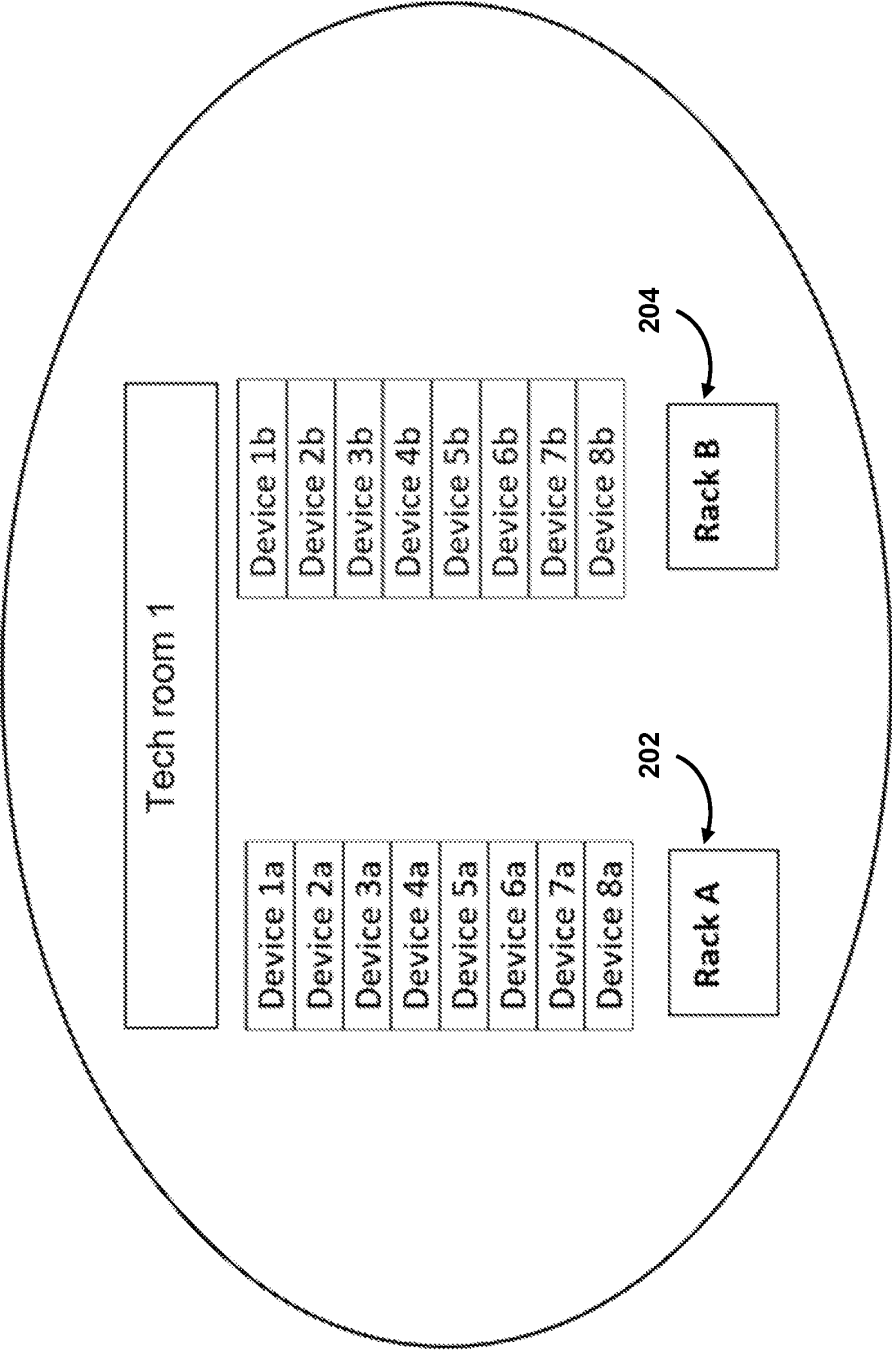


FIG. 2A

220

Unit	Power Consumption
Device 1a	200Wh
Device 2a	200Wh
Device 3a	200Wh
Device 4a	200Wh
Device 5a	200Wh
Device 6a	200Wh
Device 7a	200Wh
Device 8a	200Wh
Rack A (sum for devices 1a-8a)	1600Wh
Device 1b	200Wh
Device 2b	200Wh
Device 3b	200Wh
Device 4b	200Wh
Device 5b	200Wh
Device 6b	200Wh
Device 7b	200Wh
Device 8b	200Wh
Rack B (sum for devices 1b-8b)	1600Wh
Tech room 1 (sum for Racks A and B)	3200Wh

FIG. 2B

240

Application	Unit	Power Consumption
Application A	Device 1a	200Wh
Application A	50% Device 2a	100Wh
Application A	Device 3a	200Wh
Application B	50% Device 2a	100Wh
Application B	Device 4a	200Wh
Application C	Device 5a	200Wh
Application D	Device 6a	200Wh
Application E	25% Device 7a	50Wh
Application F	75% Device 7a	150Wh
Application F	Device 8a	200Wh
	Rack A (sum for devices 1a-8a)	1600Wh

FIG. 2C

260

Unit	Power Consumption	Efficiency
Device 1a	200Wh	1 switch port/1Wh
Device 2a	200Wh	1 switch port/10Wh
Device 3a	200Wh	1 GB of capacity/100Wh
Device 4a	200Wh	1 GB of capacity/80Wh
Device 5a	200Wh	1 virtual server of given config/ 10Wh

280

Application	Unit	Power Consumption	CO2 emission
Application A	Device 1a	200Wh	200g/h
Application A	50% Device 2a	100Wh	100g/h
Application A	Device 3a	200Wh	200g/h
Application B	50% Device 2a	100Wh	100g/h
Application B	Device 4a	200Wh	200g/h
Application C	Device 5a	200Wh	200g/h
Application D	Device 6a	200Wh	200g/h
Application E	25% Device 7a	50Wh	50g/h
Application F	75% Device 7a	150Wh	150g/h
Application F	Device 8a	200Wh	200g/h
	Rack A (sum for devices 1a-8a)	1600Wh	1600g/h

FIG. 2D

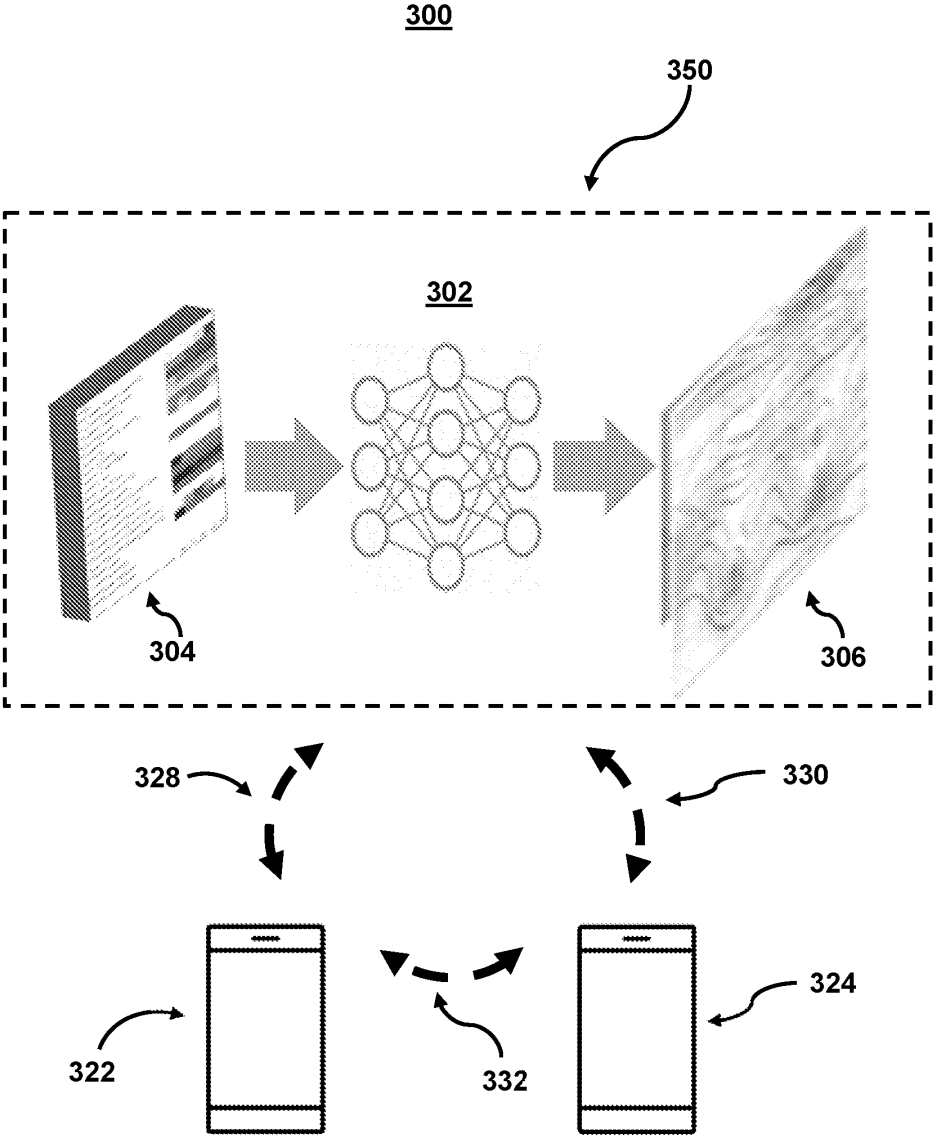
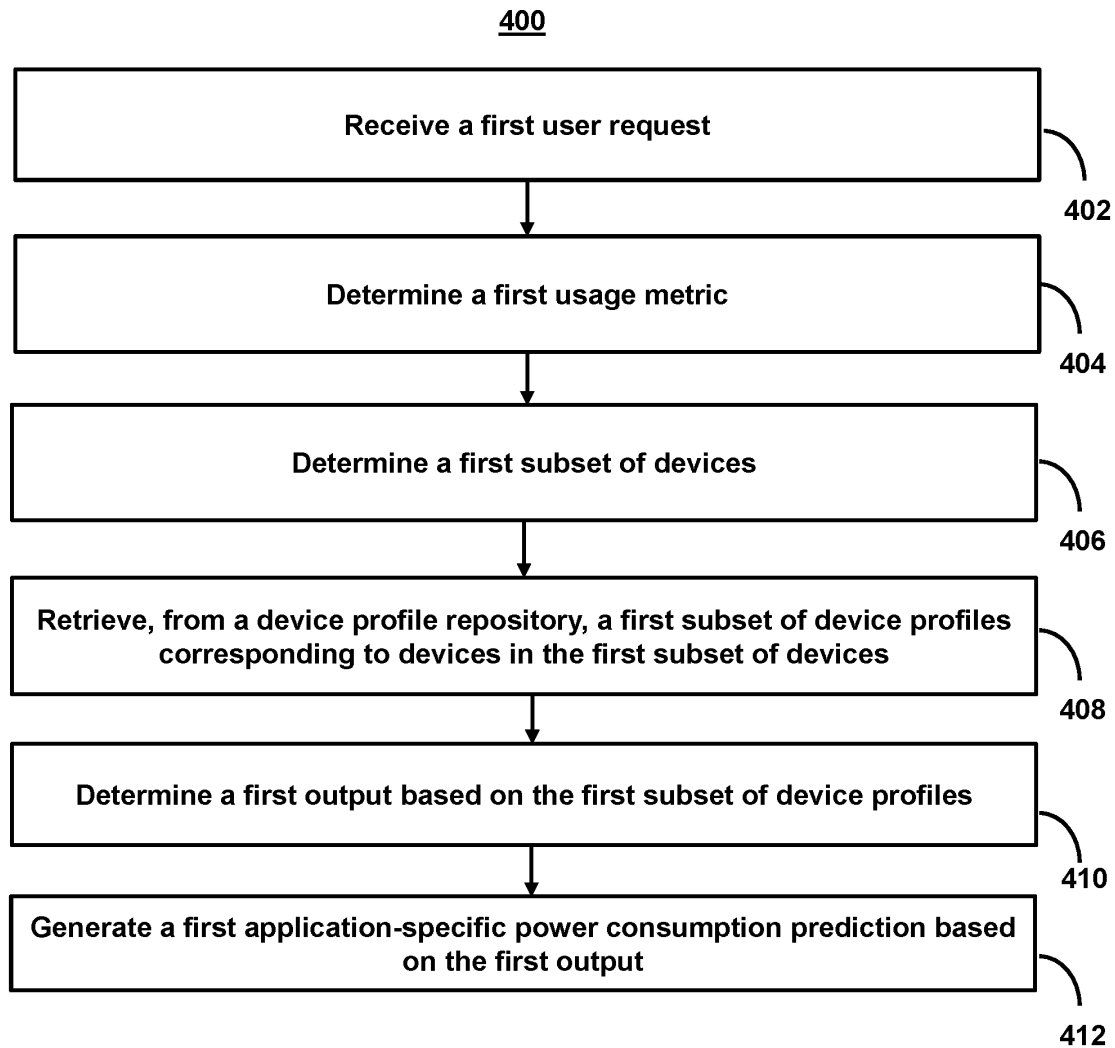


FIG. 3

7/7

**FIG. 4**