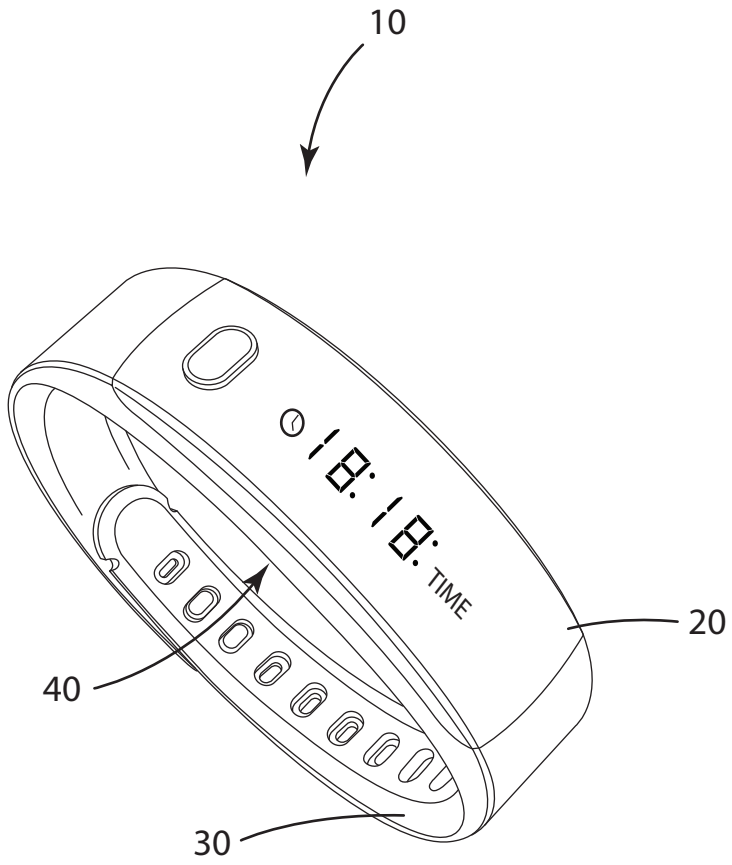


Fig. 1

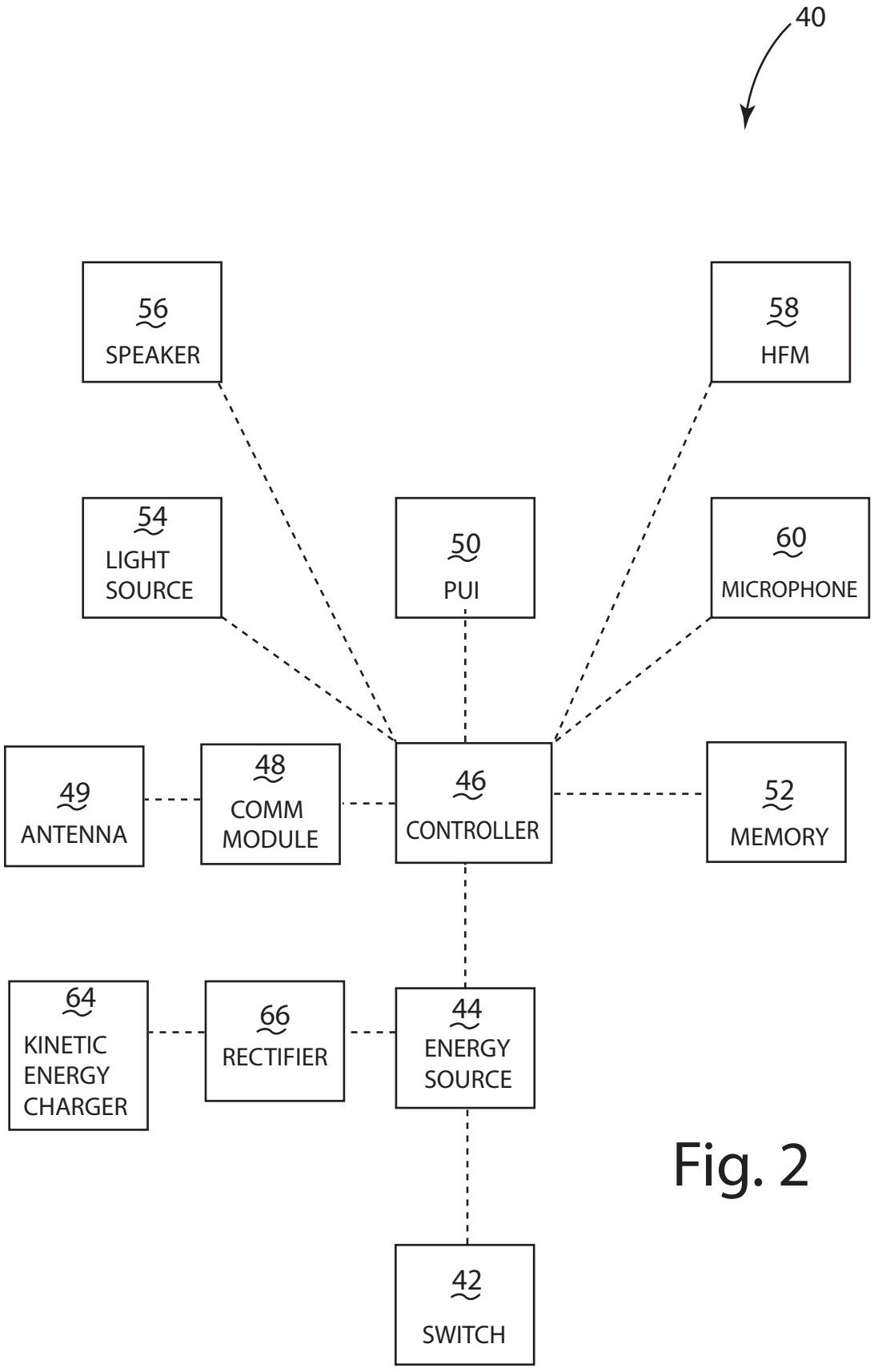

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SPEAKER
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HFM
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LIGHT
SOURCE
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PUI
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MICROPHONE
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ANTENNA
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COMM
MODULE
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CONTROLLER
52
MEMORY
64
KINETIC
ENERGY
CHARGER
66
RECTIFIER
44
ENERGY
SOURCE
42
SWITCH

Fig. 2

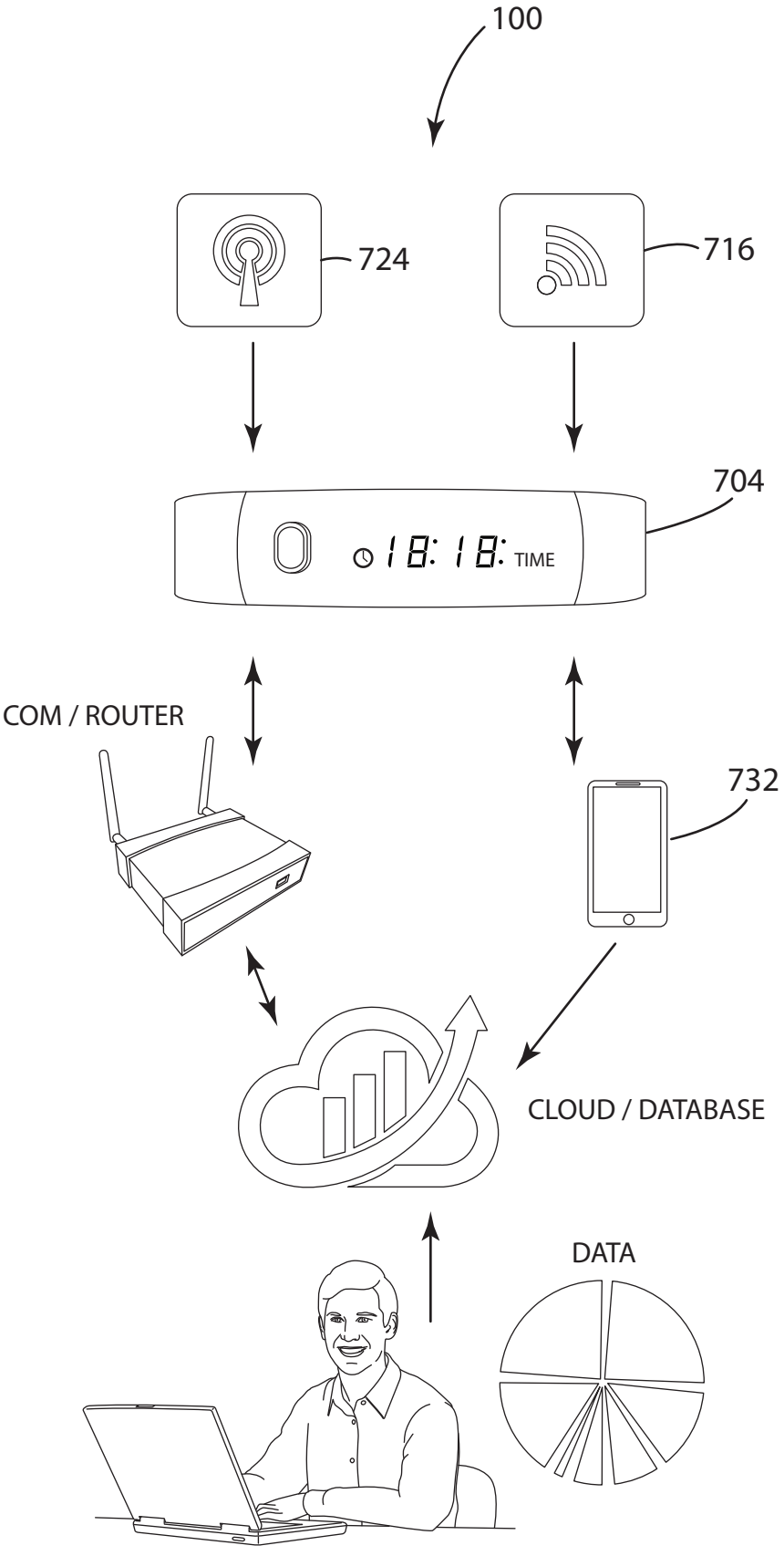


Fig. 3

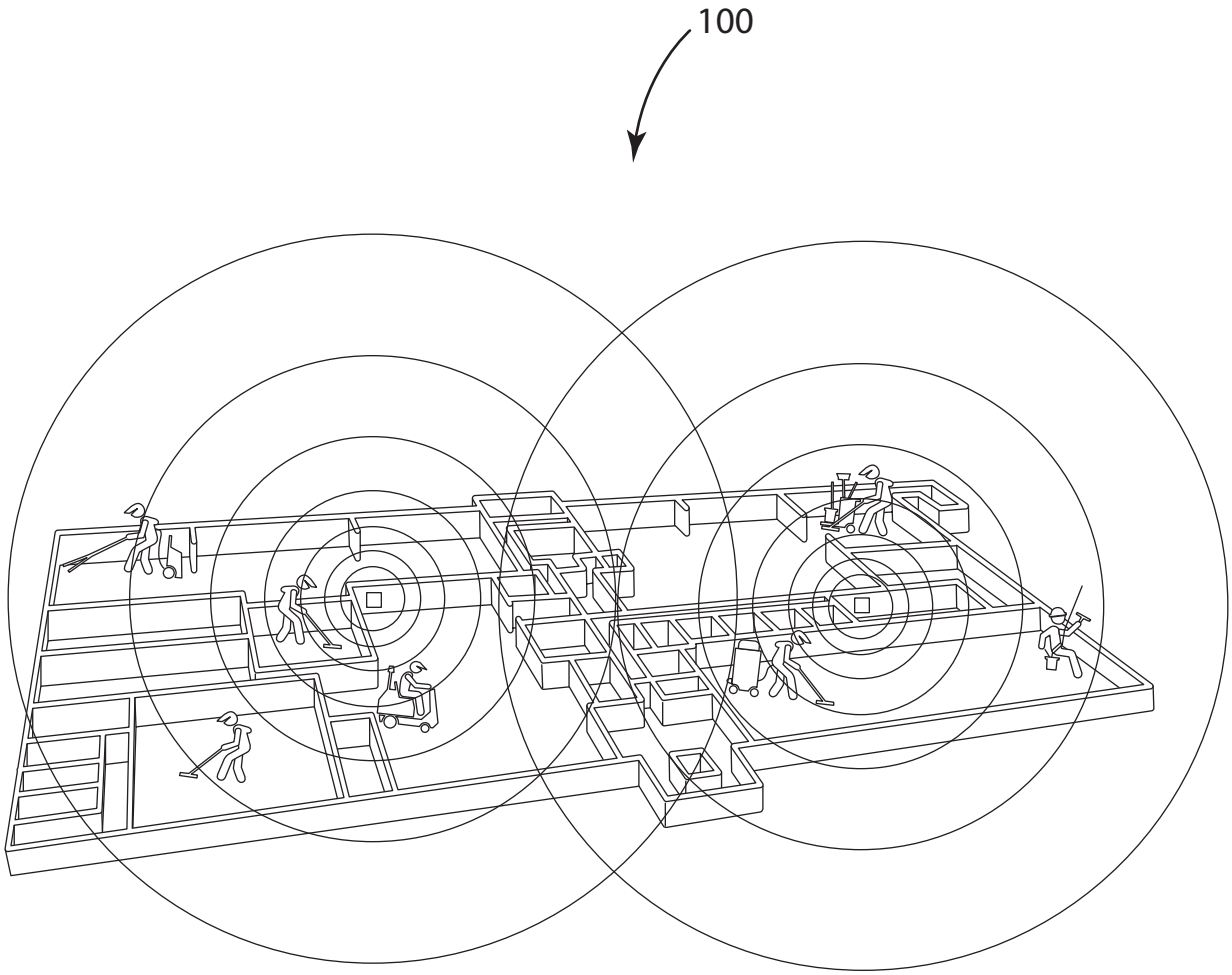


Fig. 4

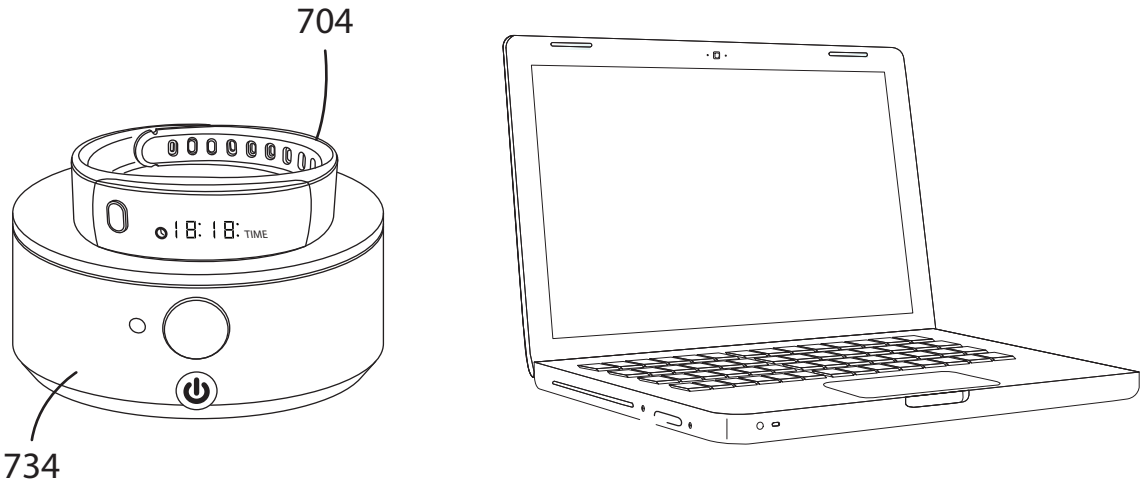


Fig. 5

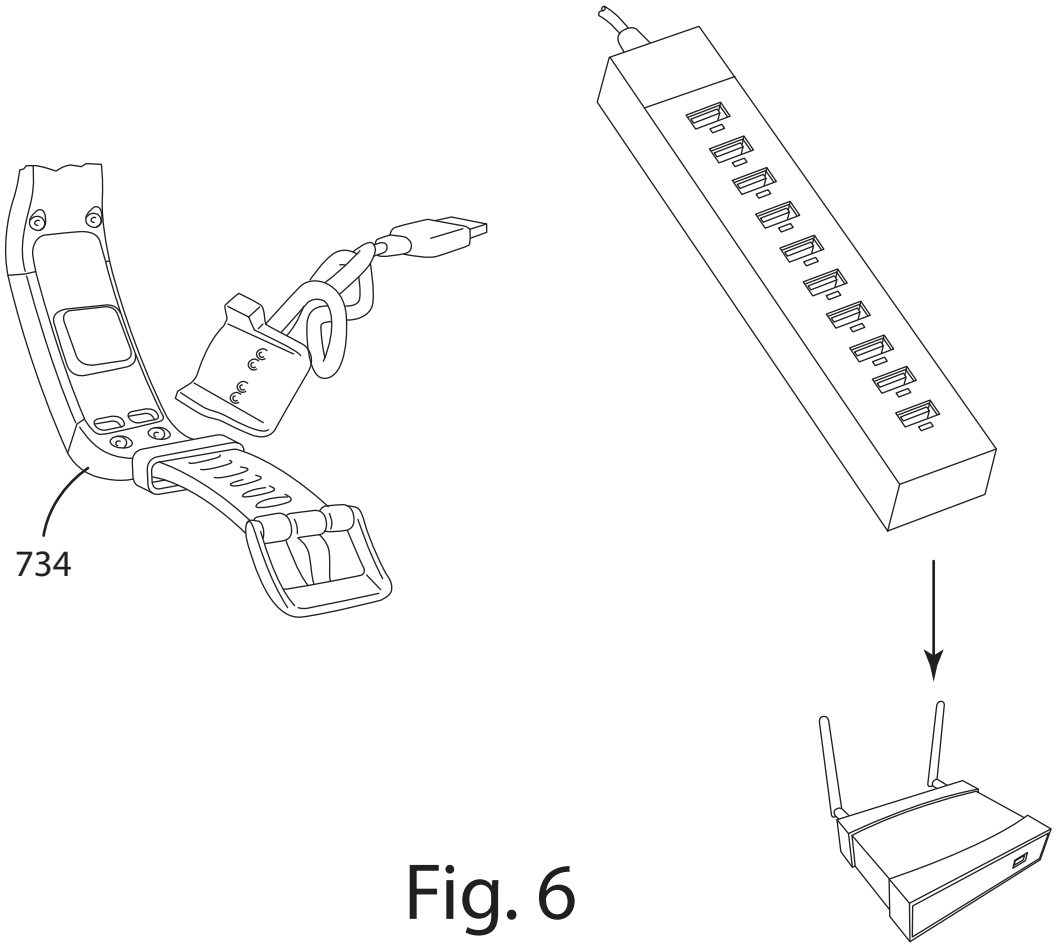


Fig. 6

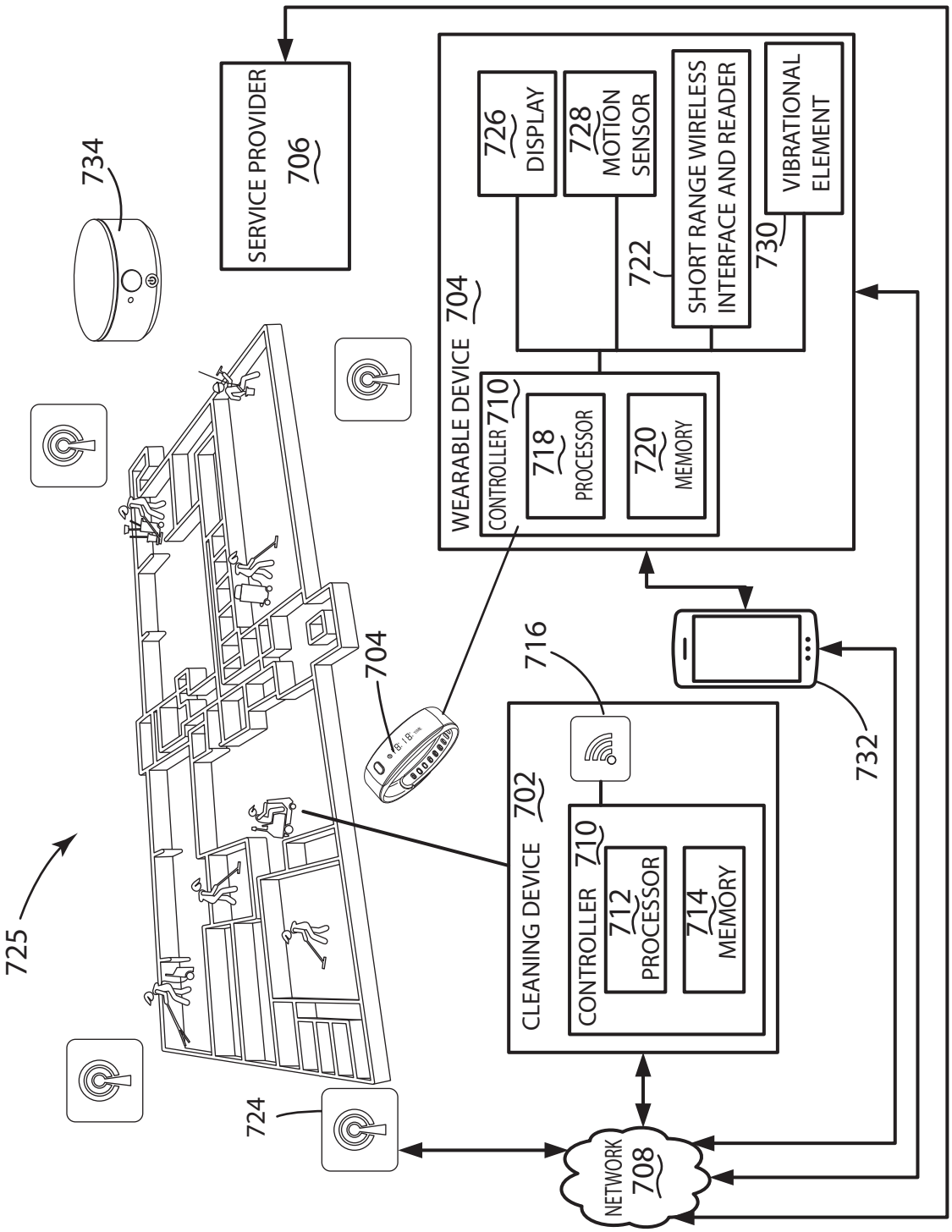

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SERVICE PROVIDER
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WEARABLE DEVICE
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DISPLAY
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MOTION
SENSOR
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SHORT RANGE WIRELESS
INTERFACE AND READER
730
VIBRATIONAL
ELEMENT
CONTROLLER
710
718
PROCESSOR
720
MEMORY
CLEANING DEVICE
702
CONTROLLER
710
712
PROCESSOR
714
MEMORY
NETWORK
708

Fig. 7