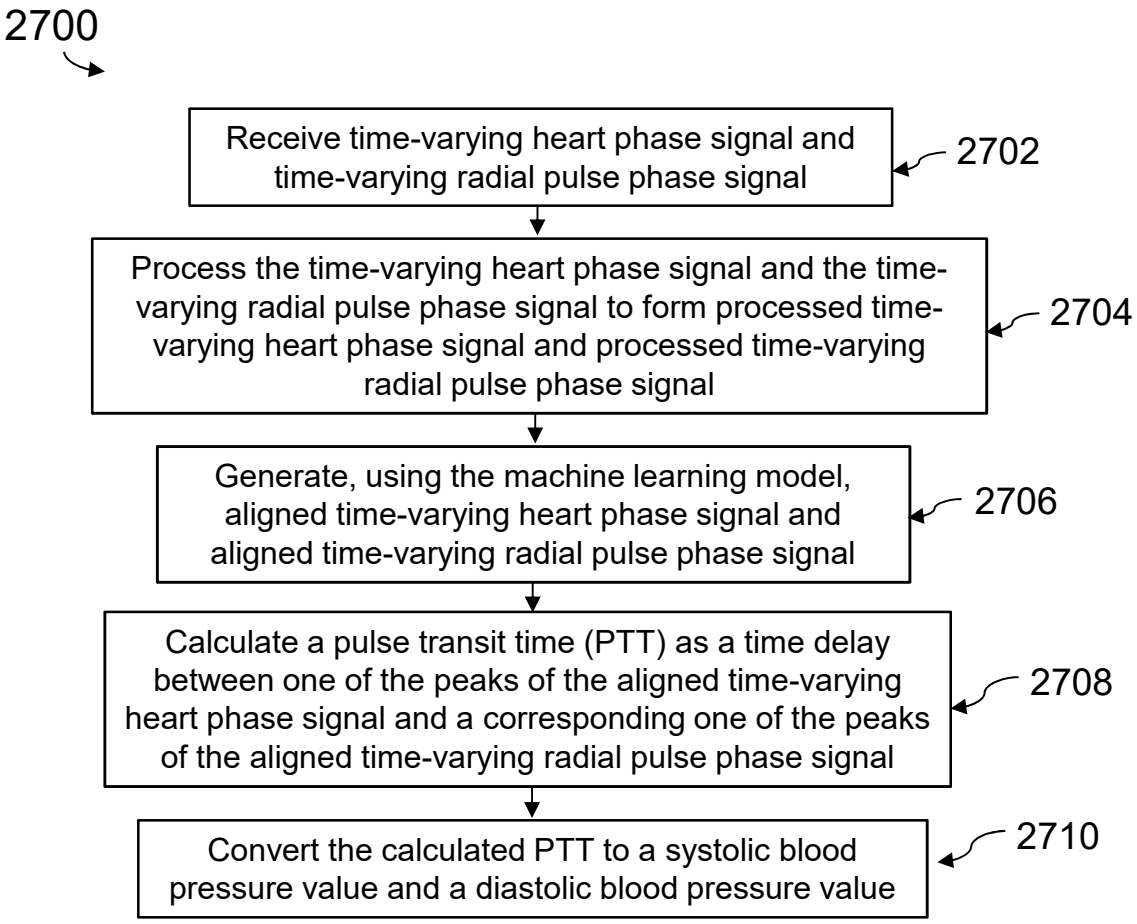

2700
Receive time-varying heart phase signal and time-varying radial pulse phase signal
2702
Process the time-varying heart phase signal and the time-varying radial pulse phase signal to form processed time-varying heart phase signal and processed time-varying radial pulse phase signal
2704
Generate, using the machine learning model, aligned time-varying heart phase signal and aligned time-varying radial pulse phase signal
2706
Calculate a pulse transit time (PTT) as a time delay between one of the peaks of the aligned time-varying heart phase signal and a corresponding one of the peaks of the aligned time-varying radial pulse phase signal
2708
Convert the calculated PTT to a systolic blood pressure value and a diastolic blood pressure value
2710

Figure 27