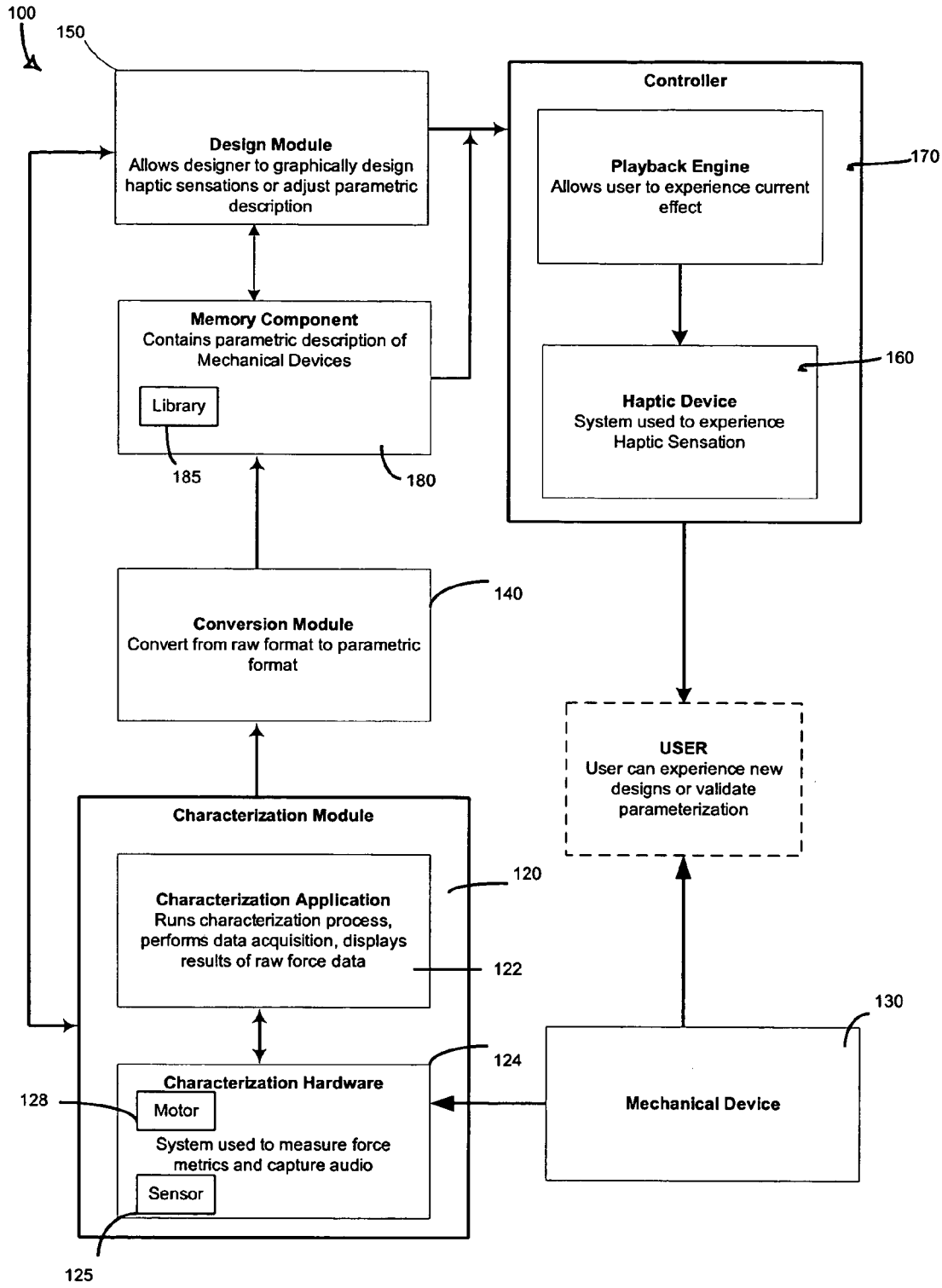
100
150
Design Module
Allows designer to graphically design haptic sensations or adjust parametric description
Controller
Playback Engine
Allows user to experience current effect
170
Memory Component
Contains parametric description of Mechanical Devices
Library
185
180
Haptic Device
System used to experience Haptic Sensation
160
Conversion Module
Convert from raw format to parametric format
140
USER
User can experience new designs or validate parameterization
Characterization Module
Characterization Application
Runs characterization process, performs data acquisition, displays results of raw force data
120
122
130
124
Characterization Hardware
128
Motor
System used to measure force metrics and capture audio
Sensor
Mechanical Device
125

FIG. 2