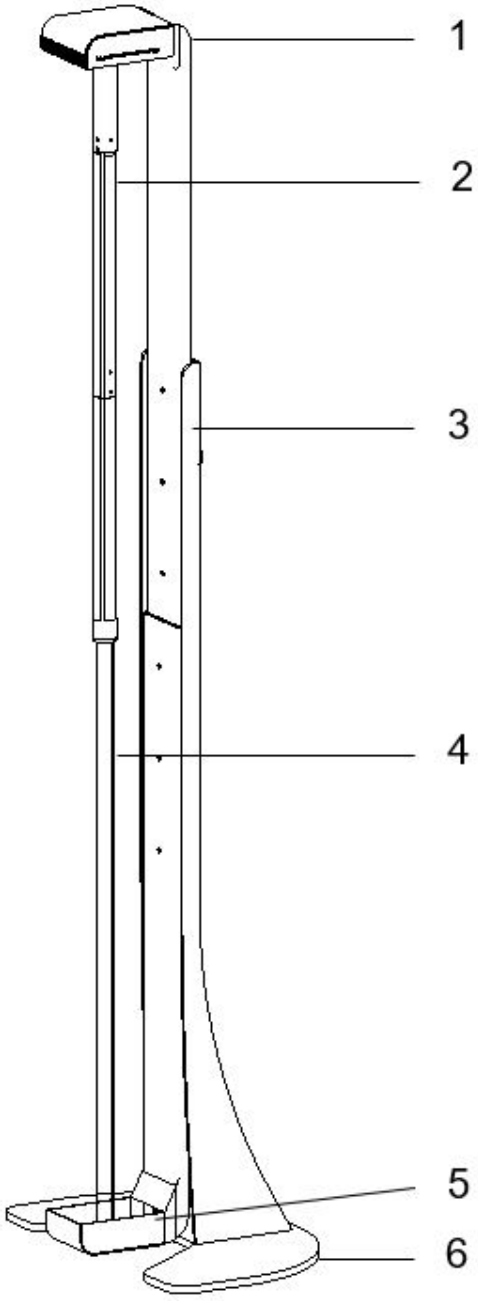

Fig. 1

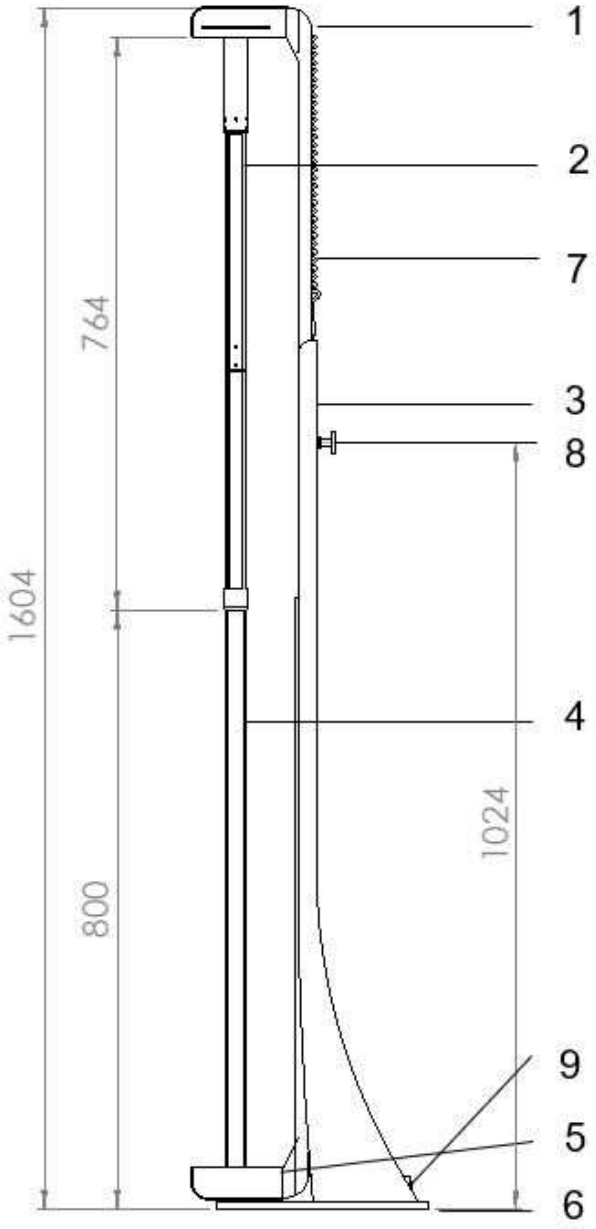

Fig. 2

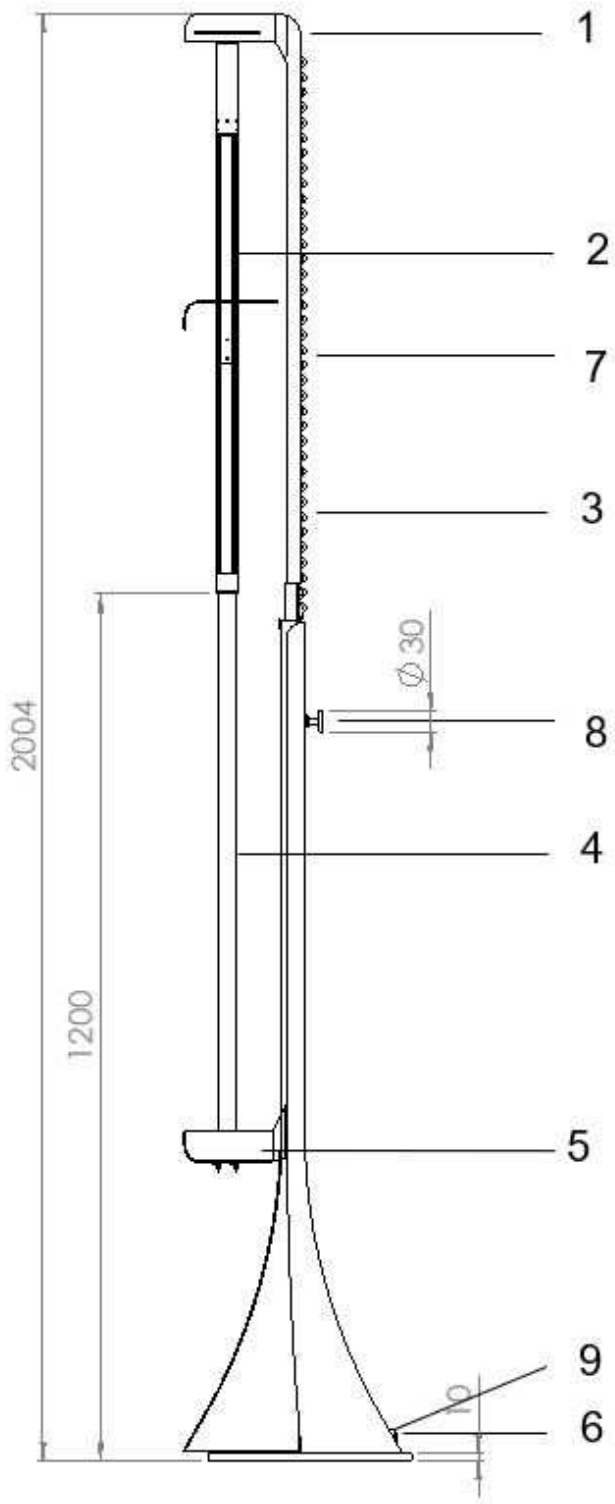

Fig. 3

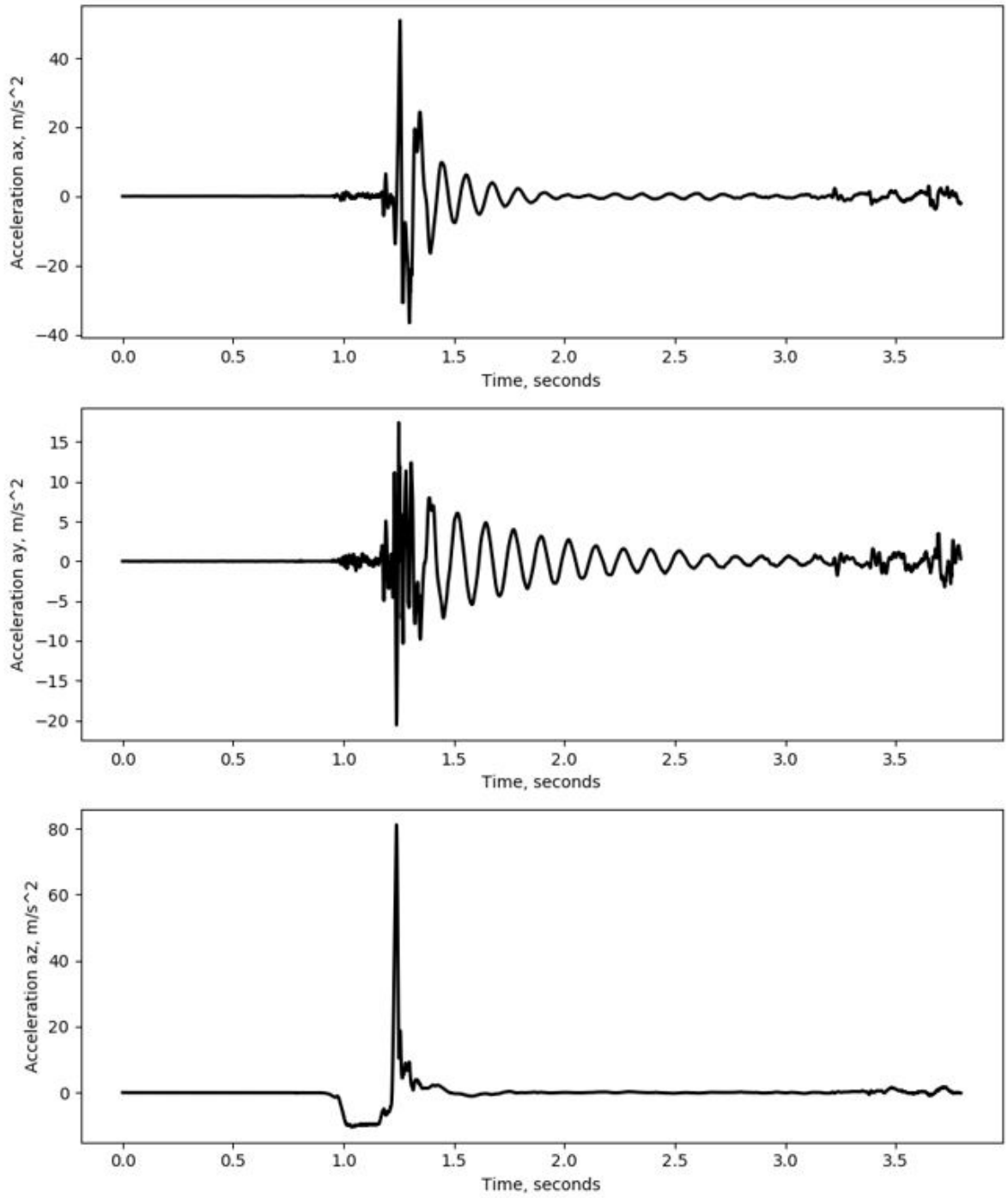
Acceleration ax, m/s^2
40
20
0
−20
−40
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
Time, seconds
Acceleration ay, m/s^2
15
10
5
0
−5
−10
−15
−20
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
Time, seconds
Acceleration az, m/s^2
80
60
40
20
0
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
Time, seconds

Fig. 4

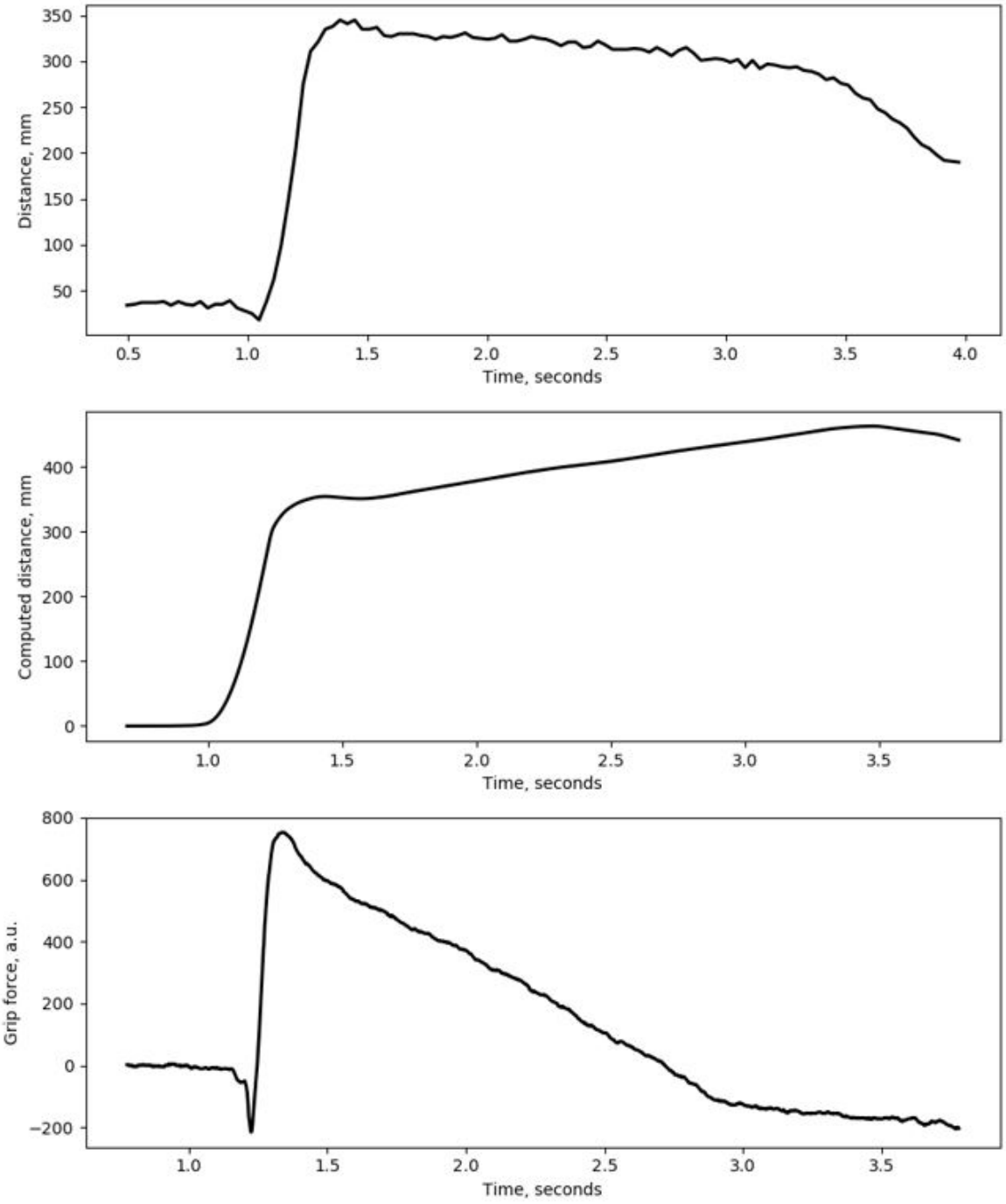
Distance, mm
350
300
250
200
150
100
50
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
Time, seconds
Computed distance, mm
400
300
200
100
0
1.0
1.5
2.0
2.5
3.0
3.5
Time, seconds
Grip force, a.u.
800
600
400
200
0
−200
1.0
1.5
2.0
2.5
3.0
3.5
Time, seconds

Fig. 5

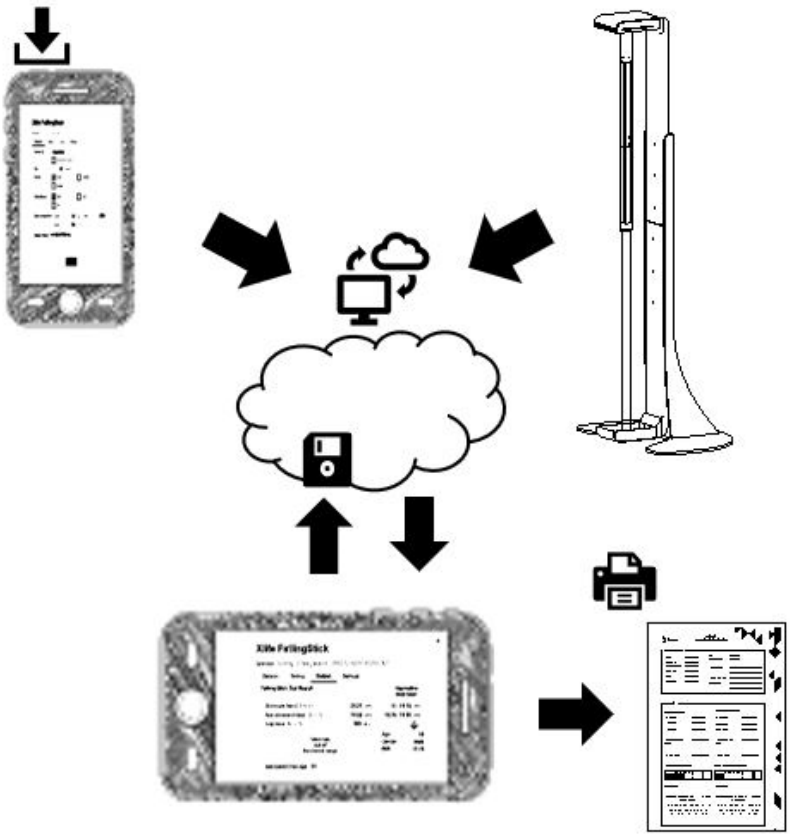

Fig. 6