Fig. I



Fig. II

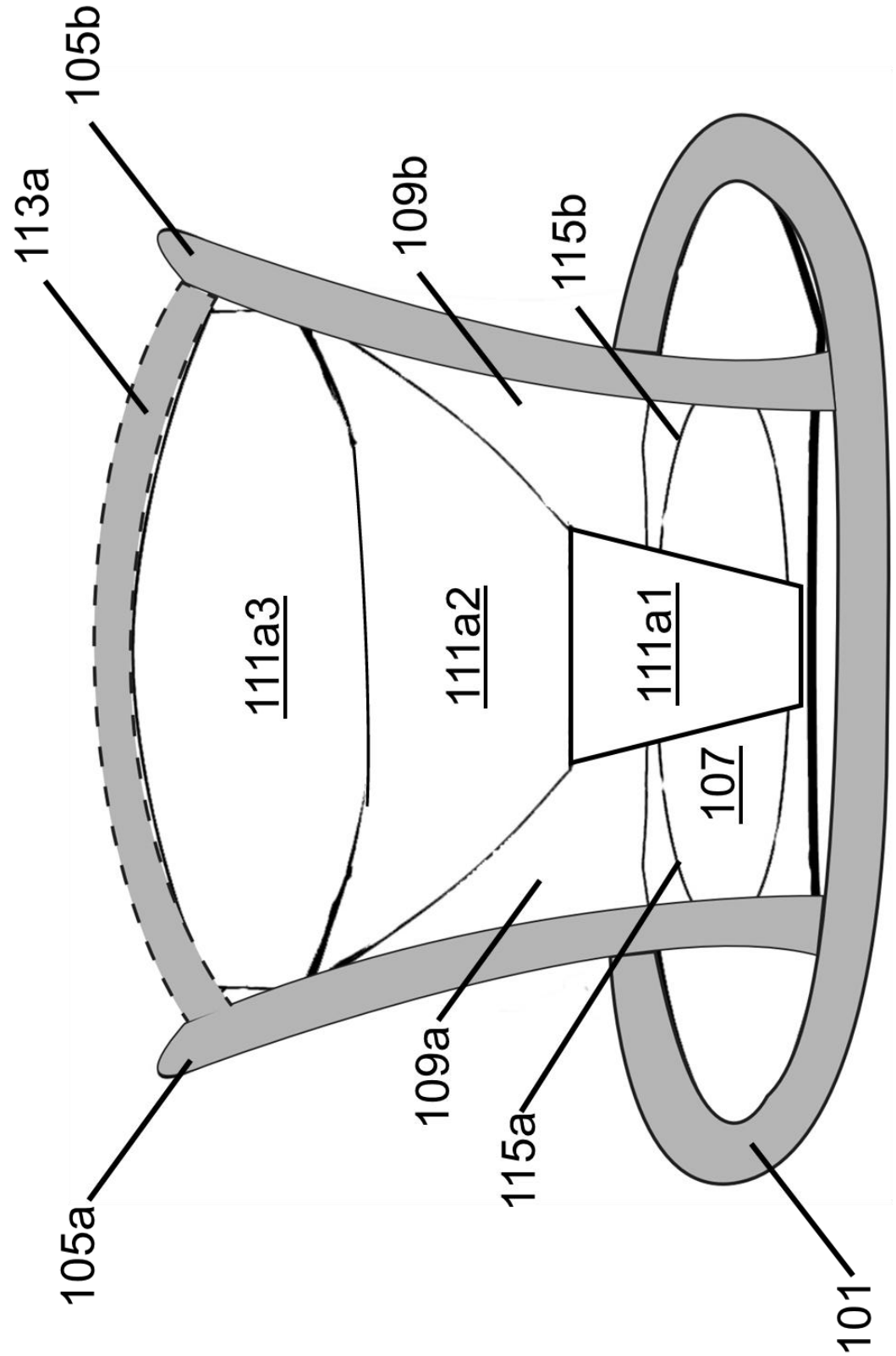


Fig. III

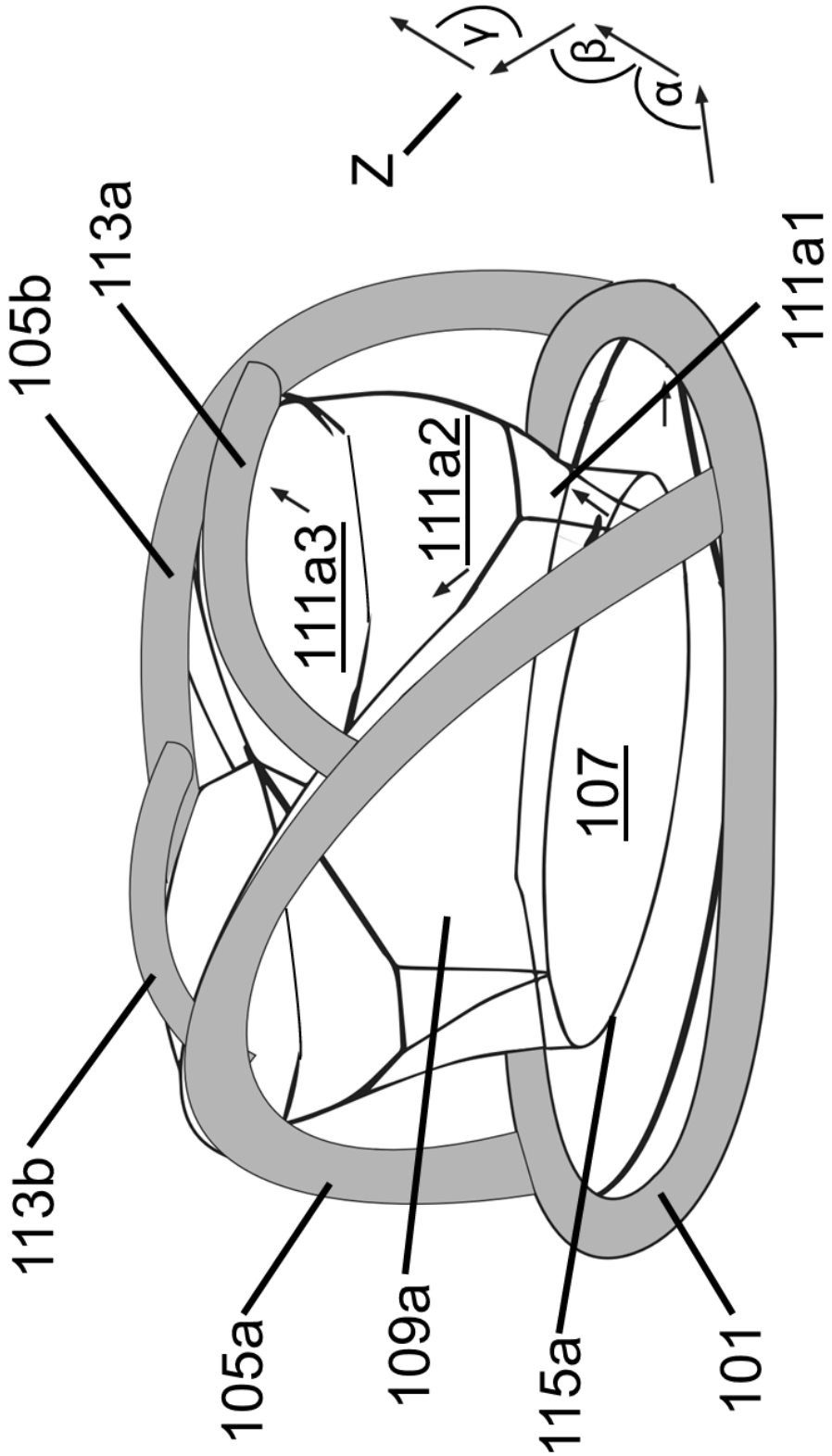


Fig. IV

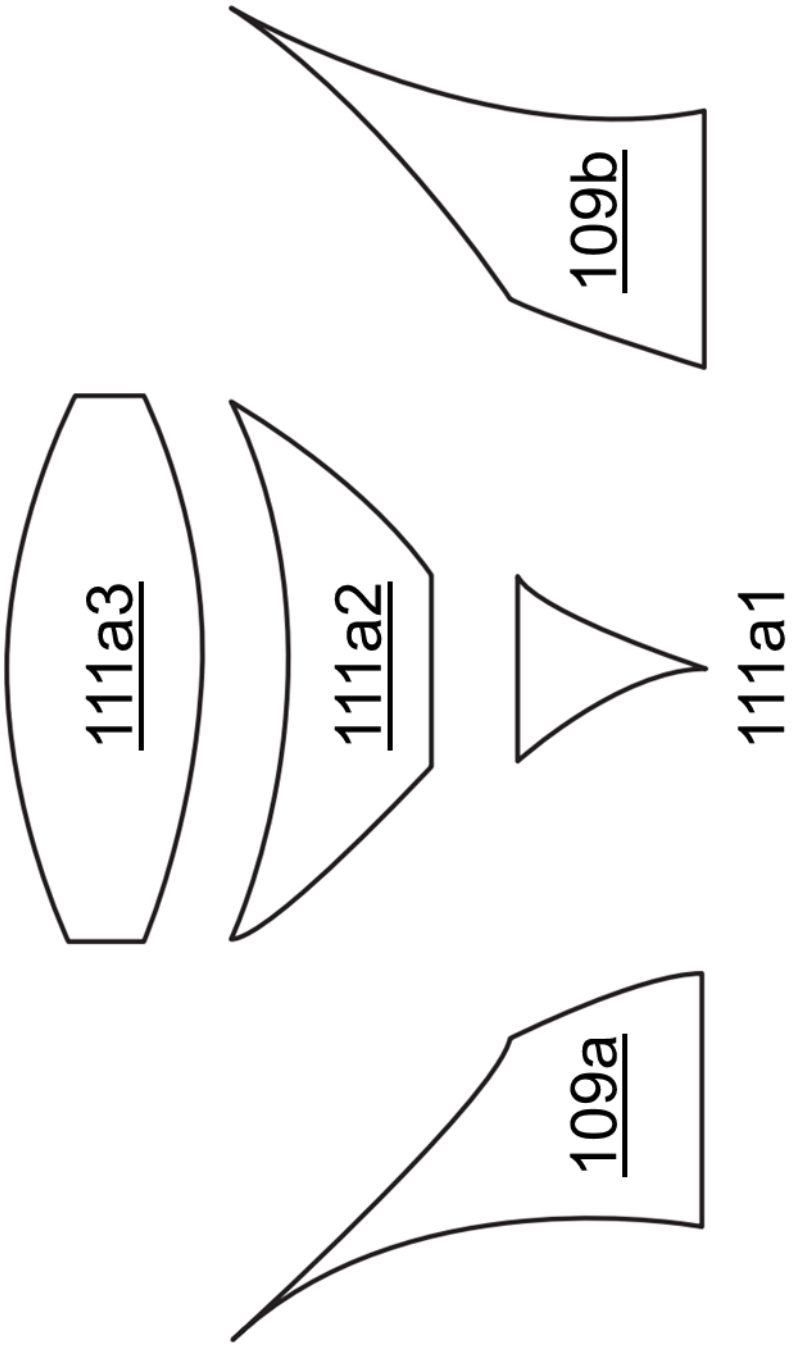


Fig. V

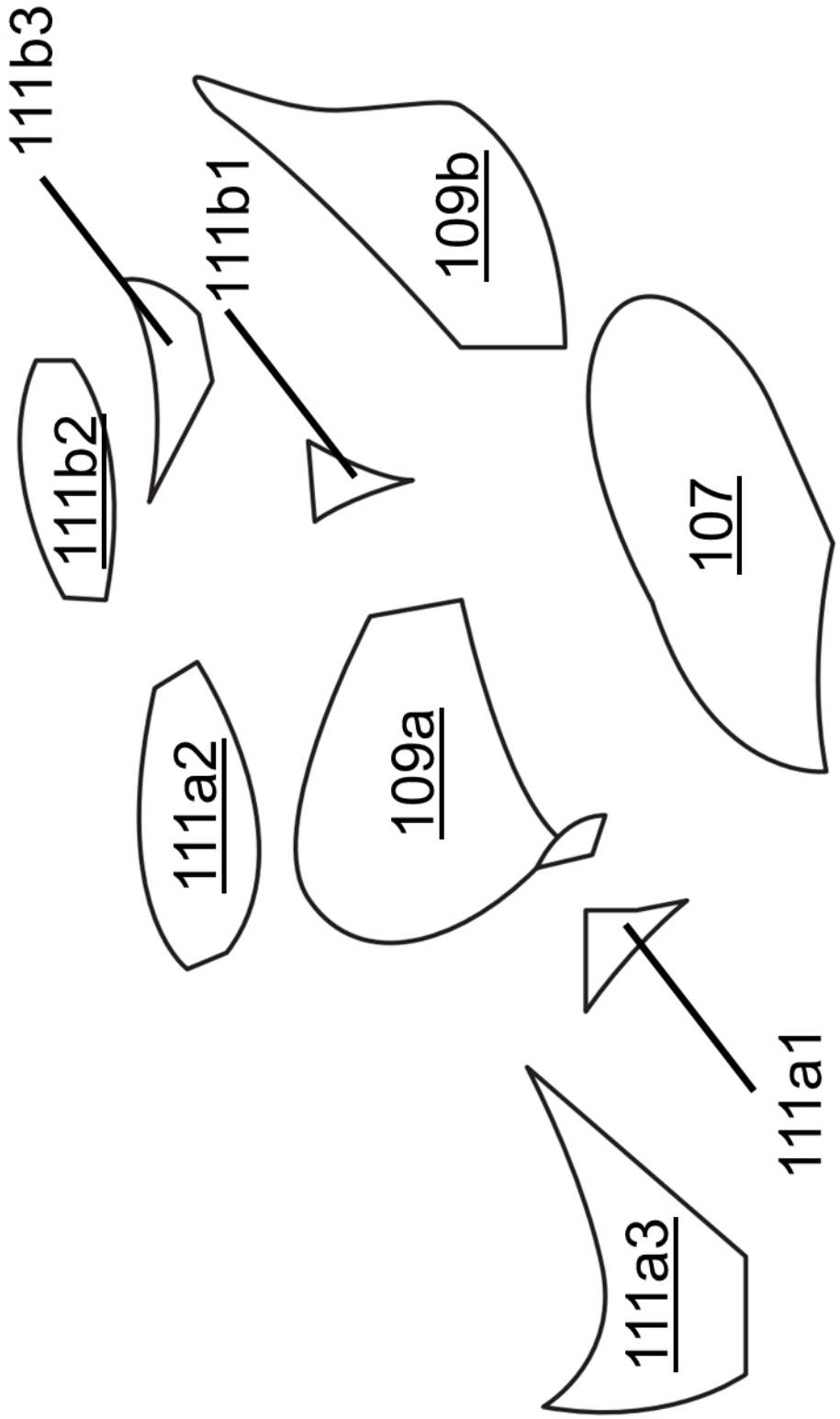


Fig. VI

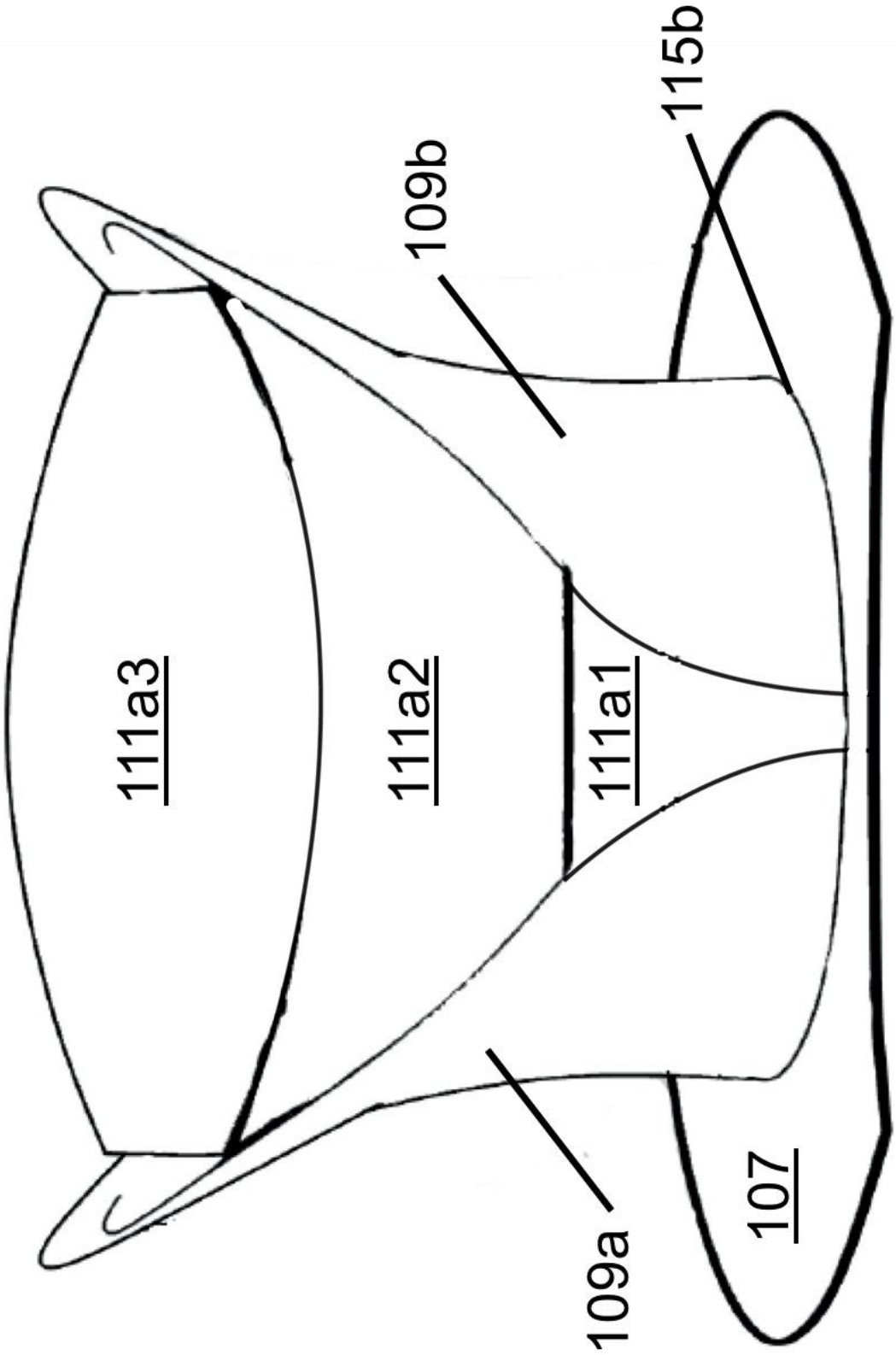


Fig. VII

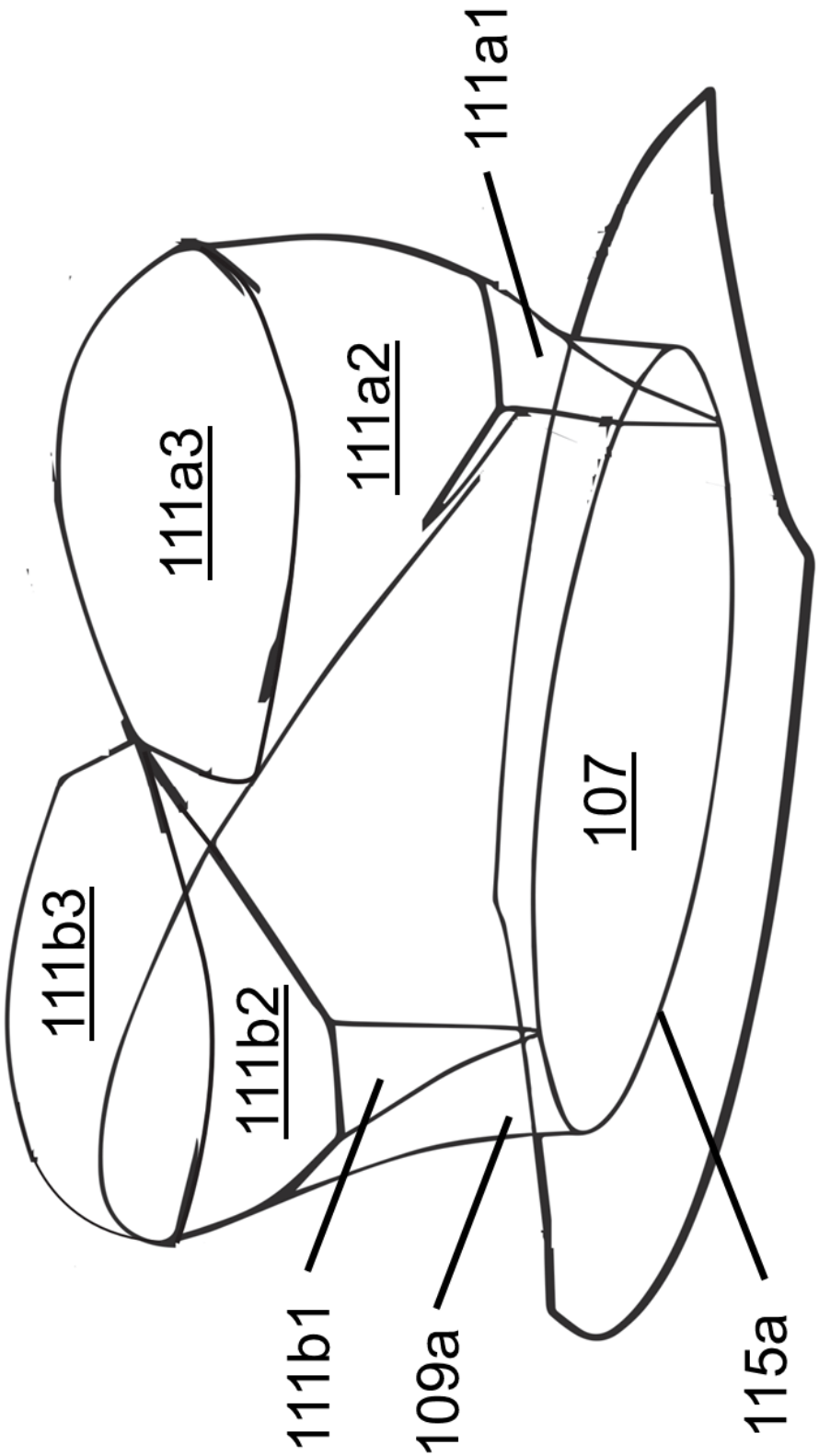


Fig. VIII

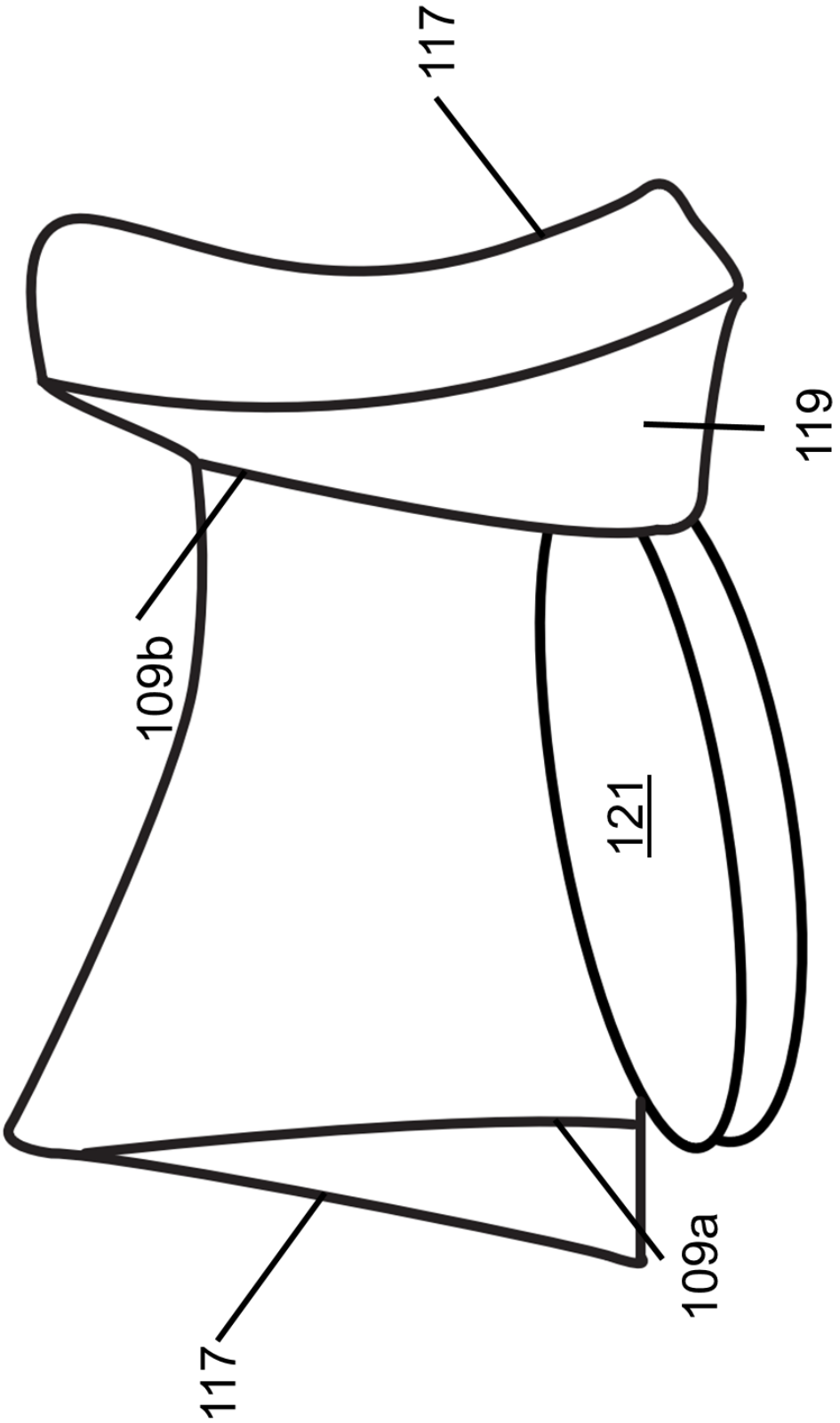


Fig. IX

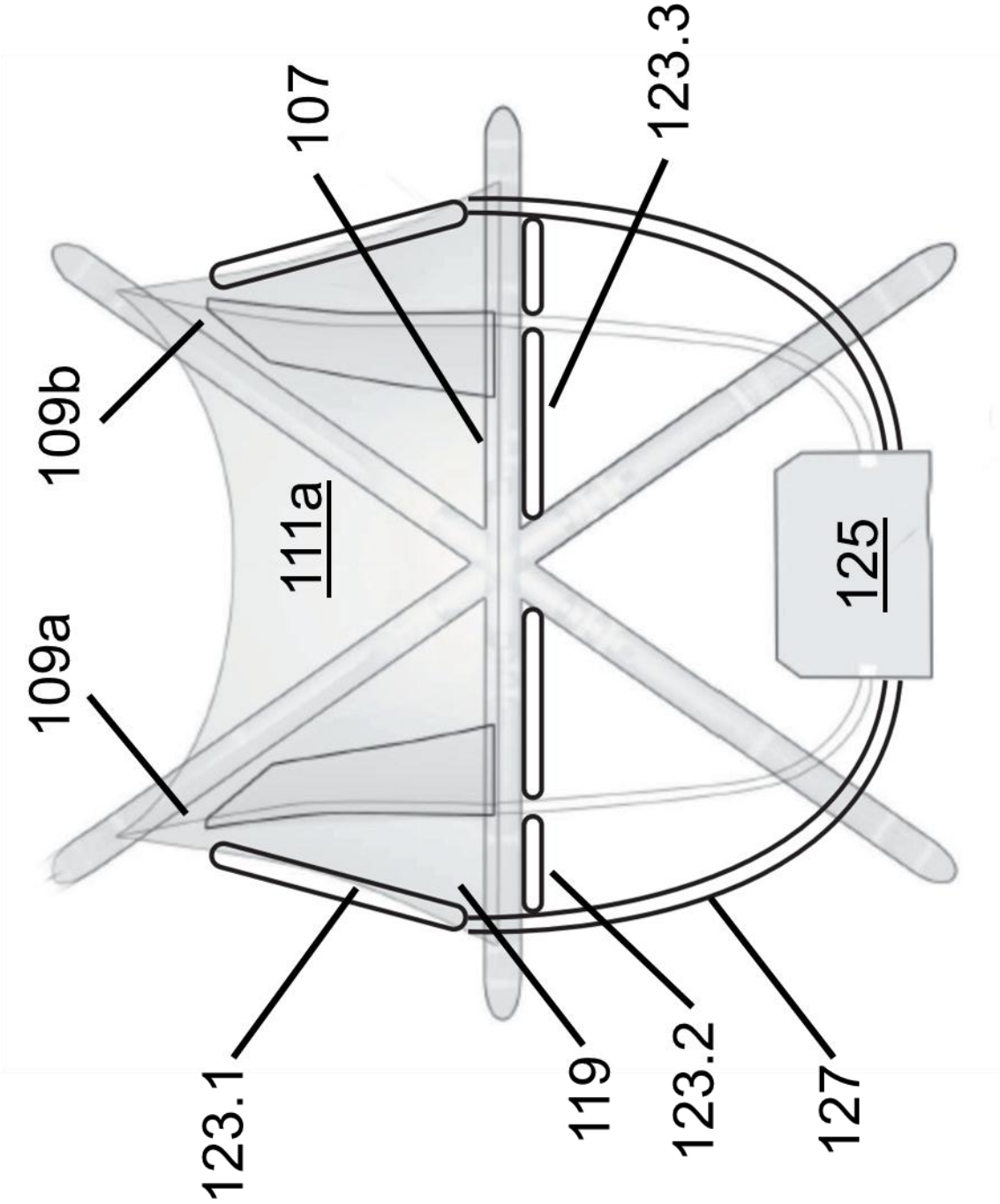


Fig. 2

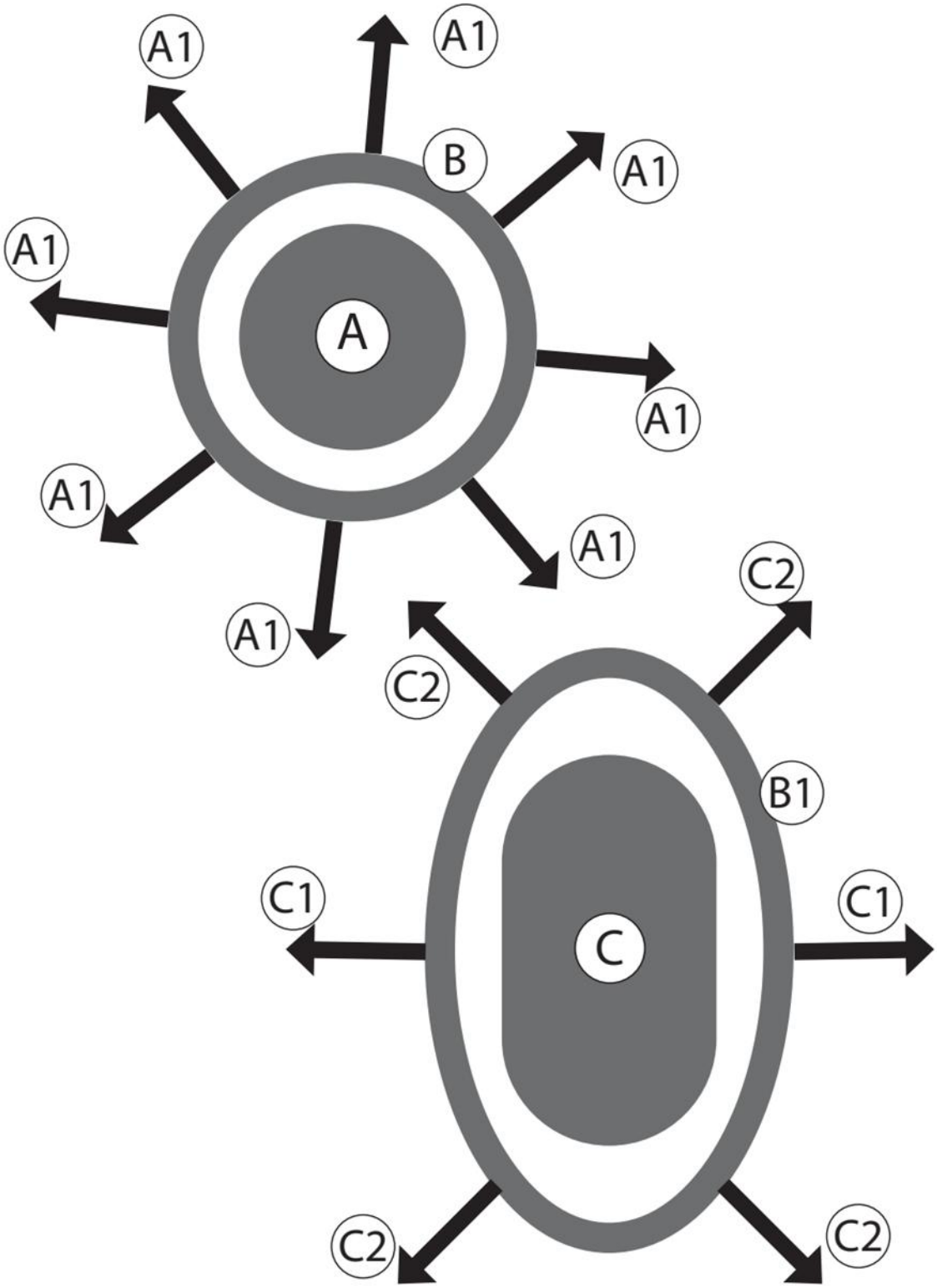


Fig. 3

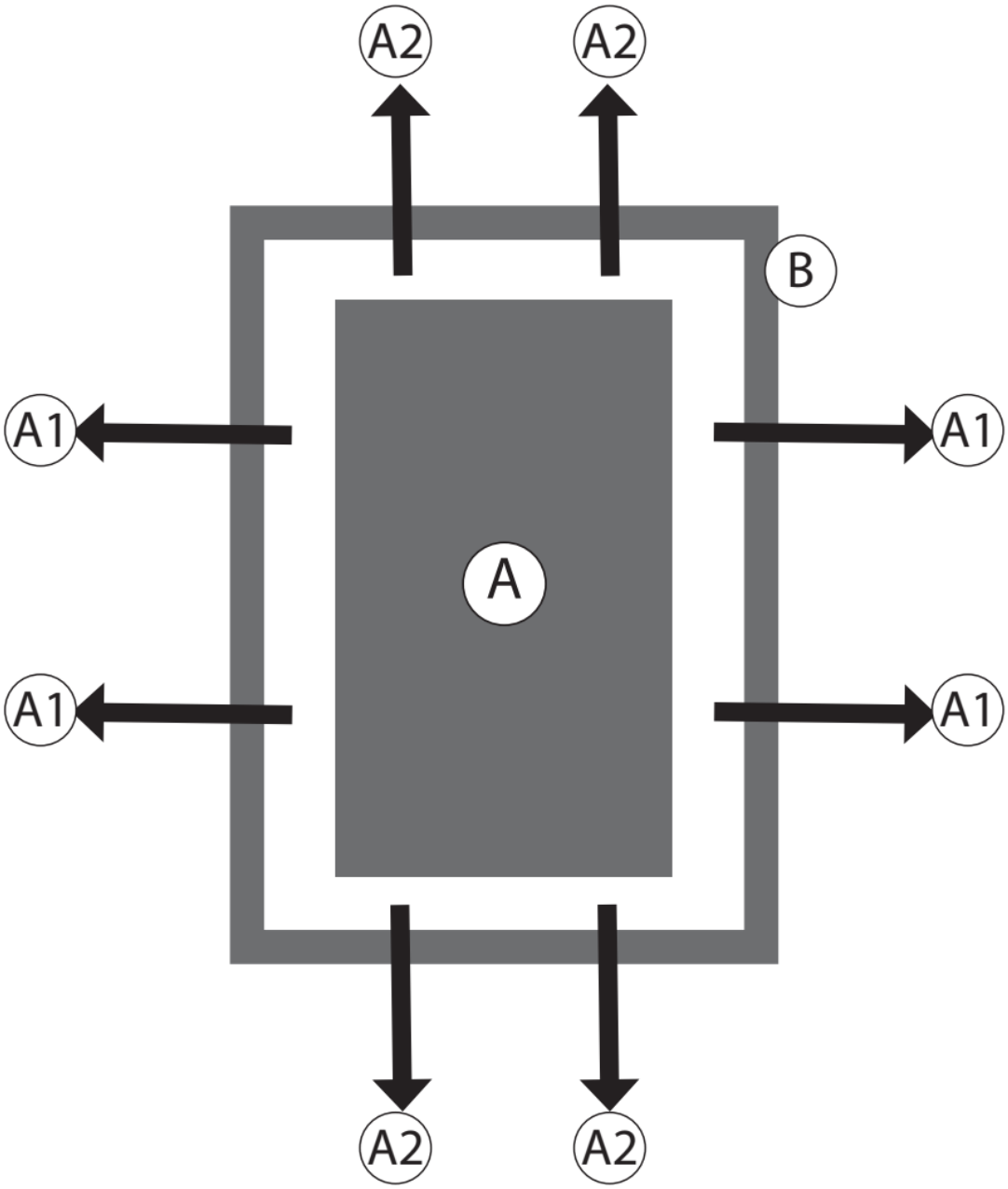


Fig. 4

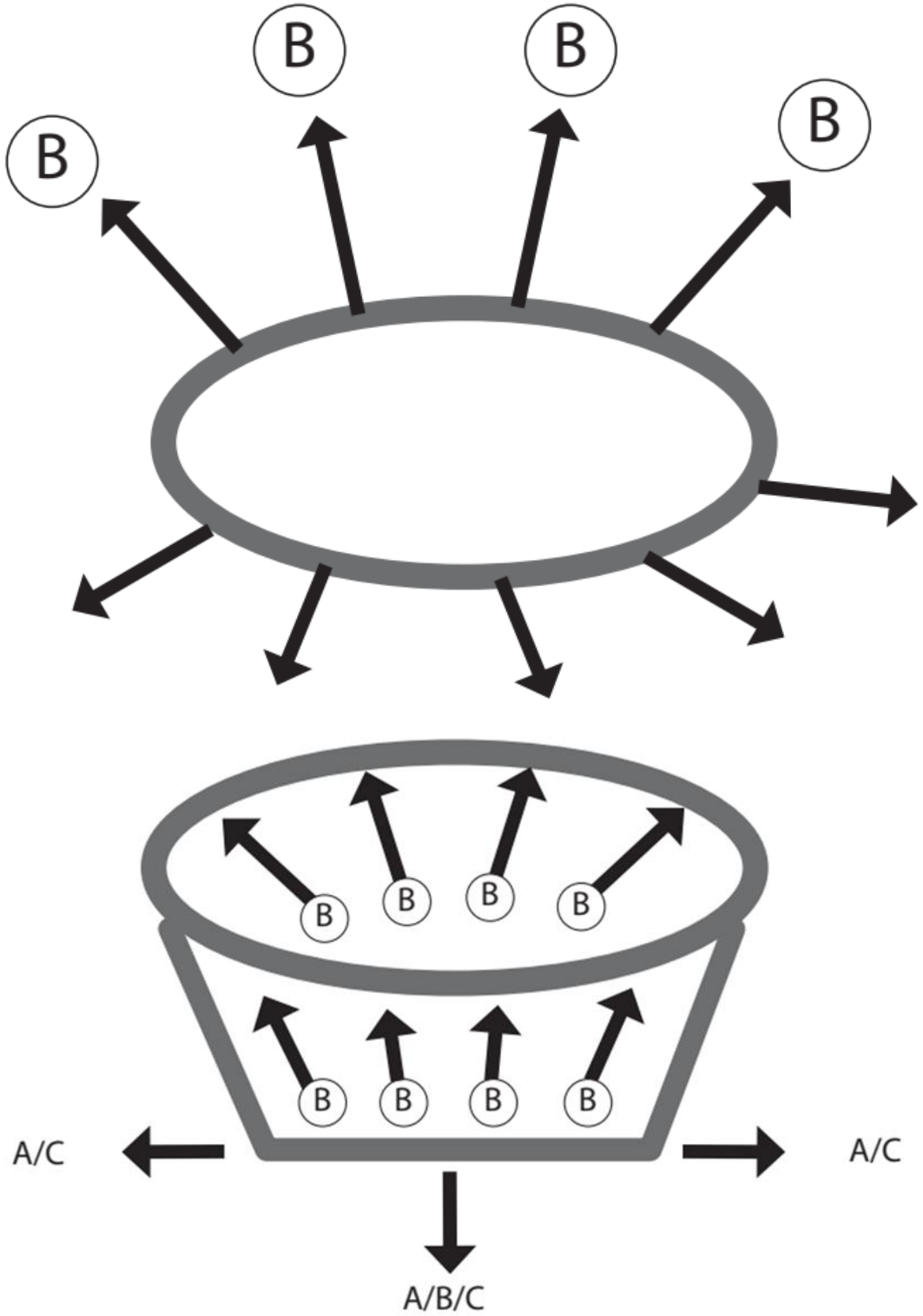
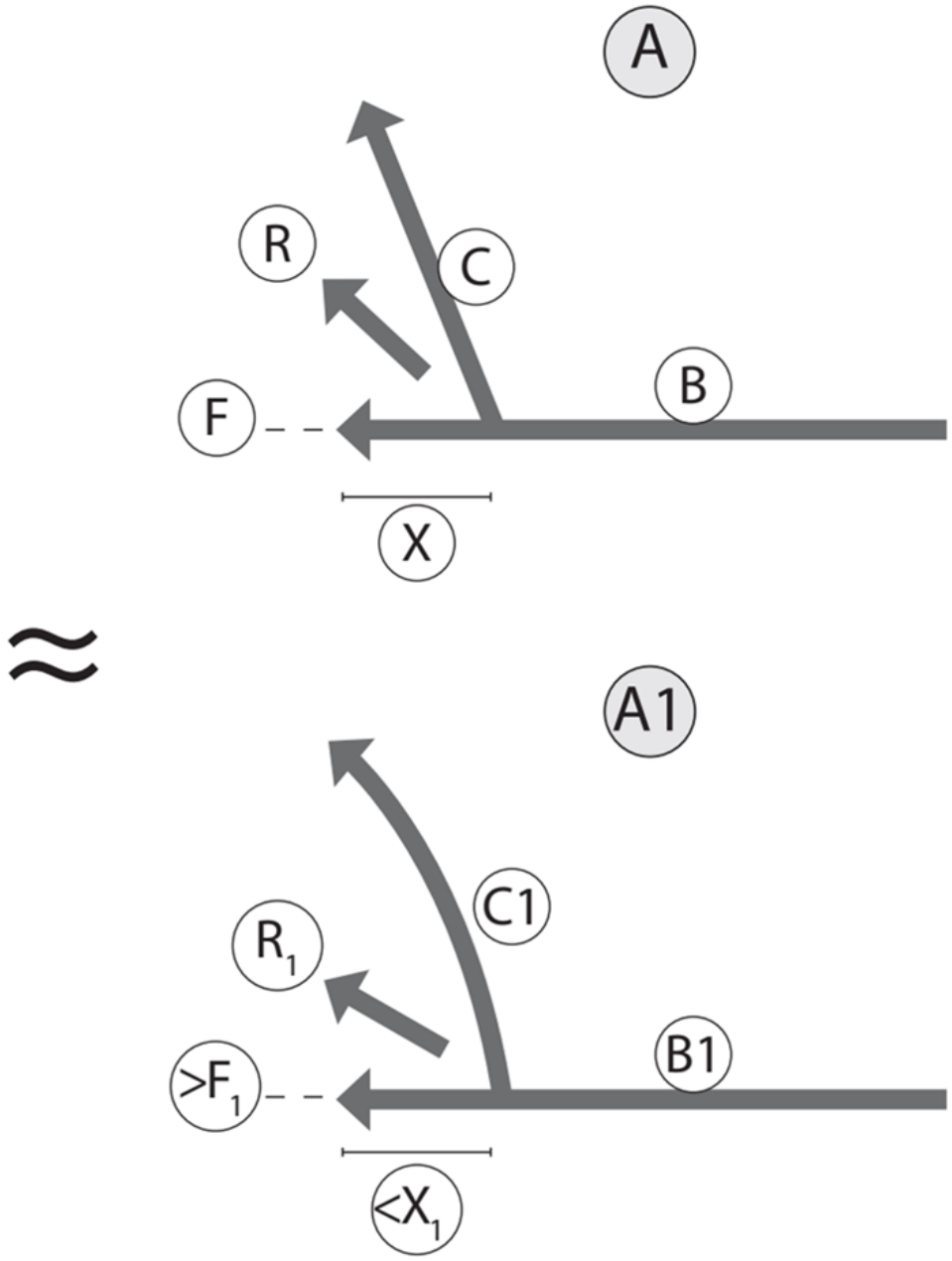


Fig. 5



$<X_1$ [distance smaller]

X [distance]

$>F_1$ [tractive force lagrer]

F [tractive force]

Fig. 6

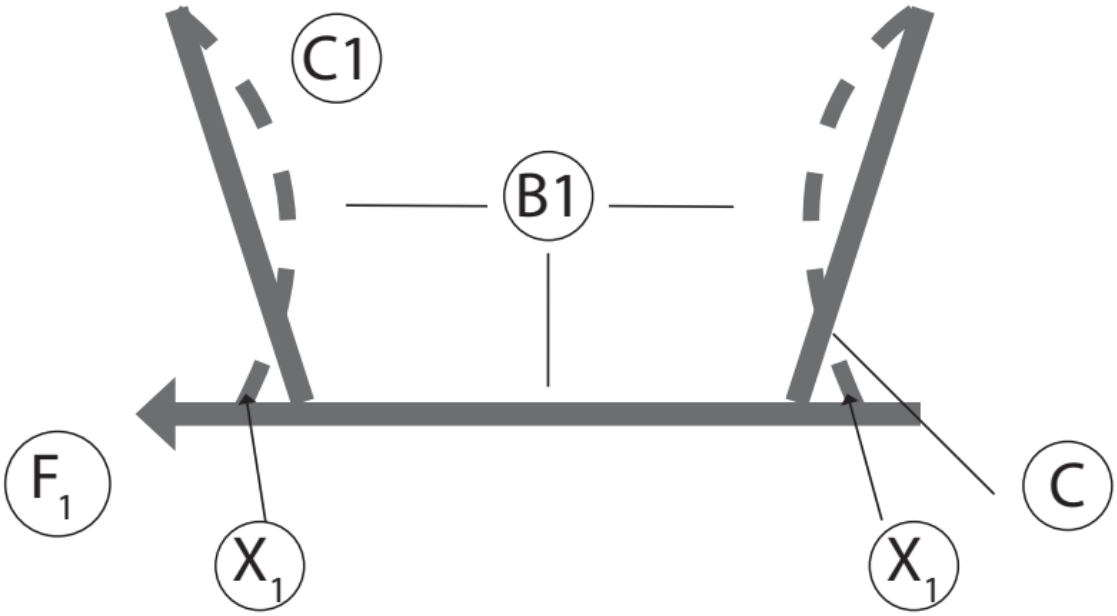


Fig. 7

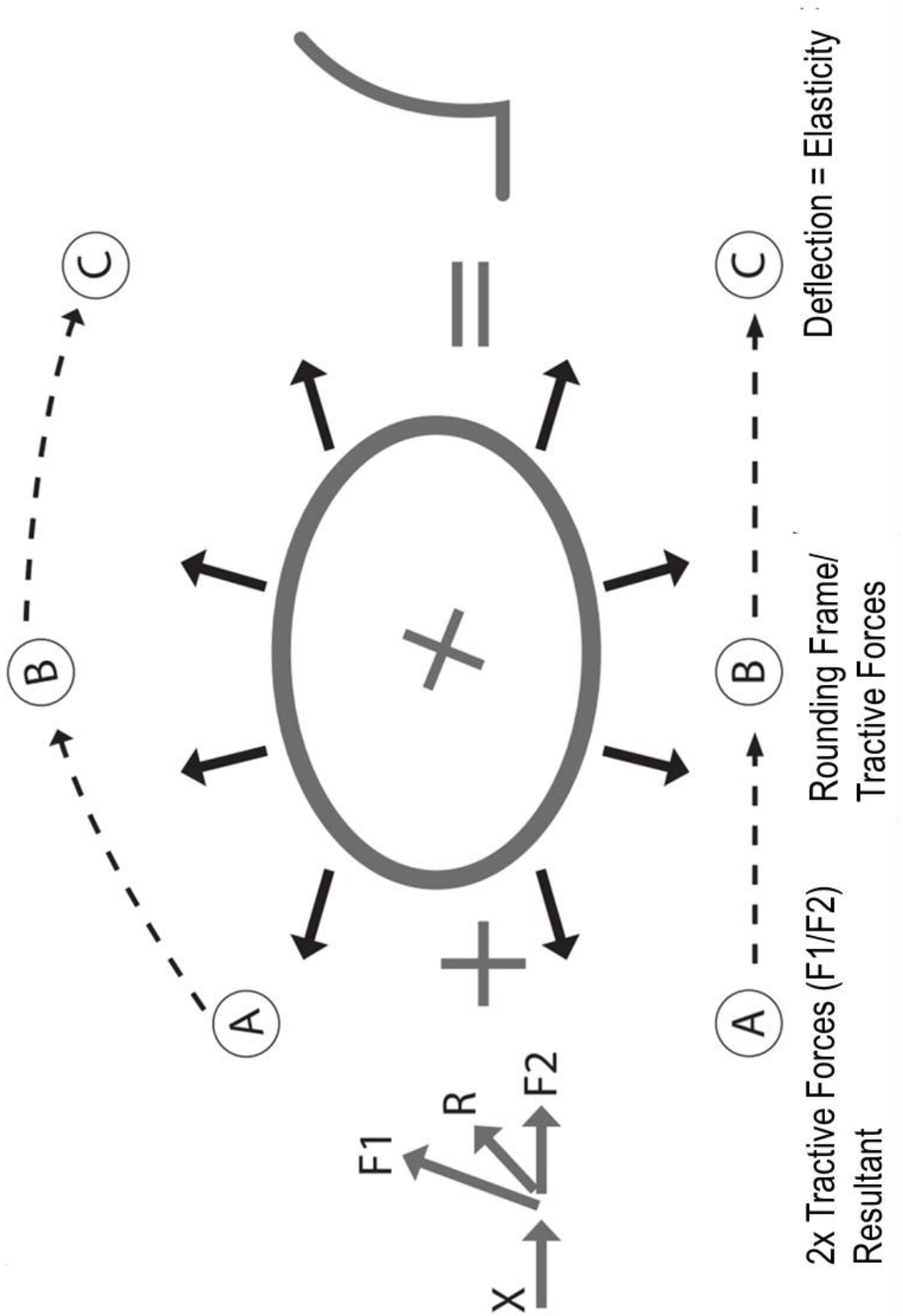

A
B
C
F1
R
F2
X
2x Tractive Forces (F1/F2)
Resultant
Rounding Frame/
Tractive Forces
Deflection = Elasticity

Fig. 8

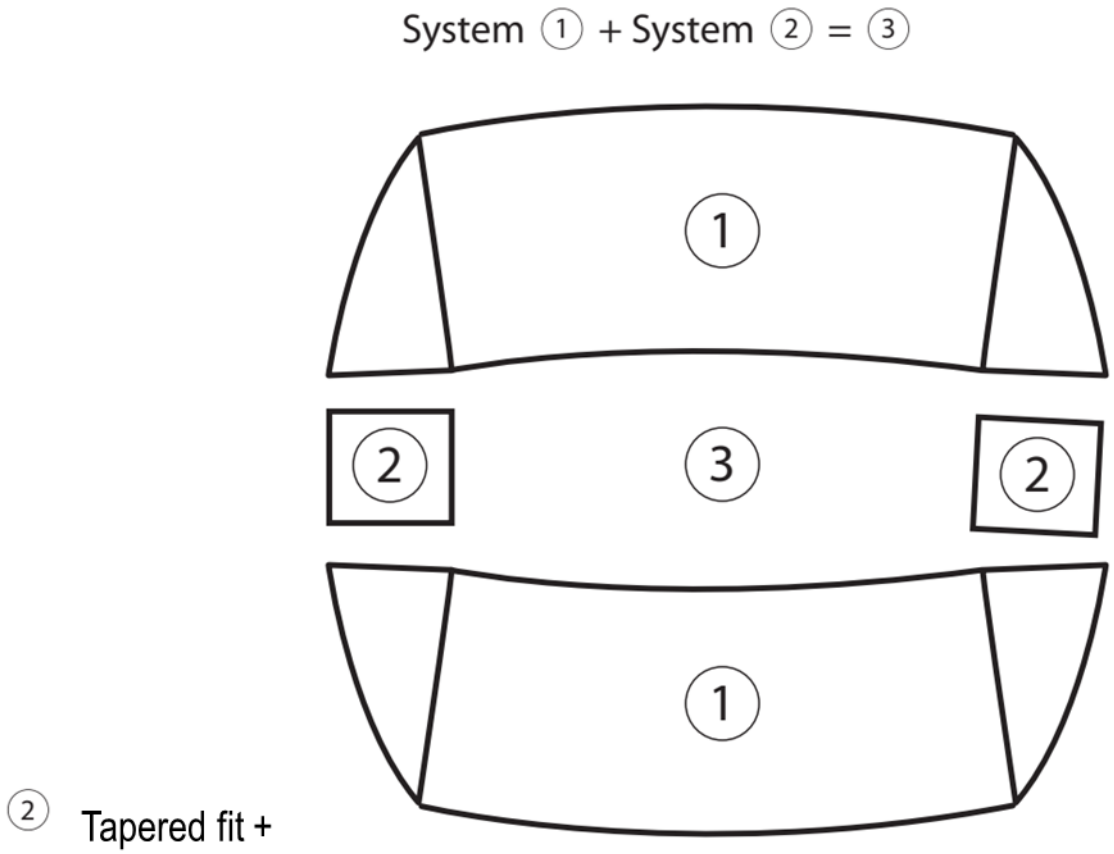

System ① + System ② = ③
1
2
3
2
1
② Tapered fit + requires greater elasticity and room for movement

Fig. 9

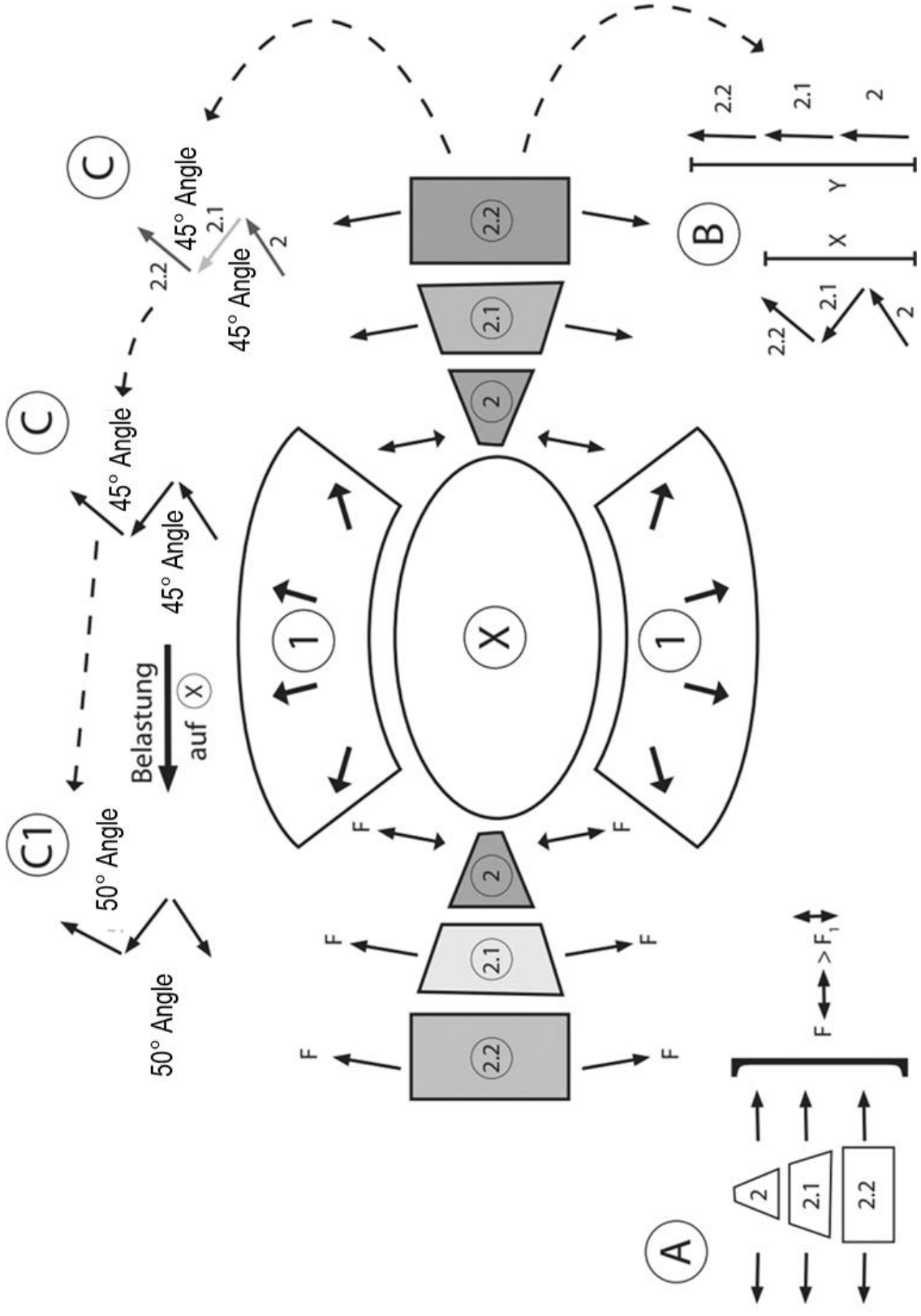

C
45° Angle
2.1
2.2
2
45° Angle
C
45° Angle
45° Angle
Belastung
auf X
C1
50° Angle
50° Angle
2.2
2.1
2
B
2.2
2.1
2
X
Y
2.2
2.1
2
1
X
1
F
F
2
2.1
2.2
F
F
F
F
F > F1
A
2
2.1
2.2

Fig. 10

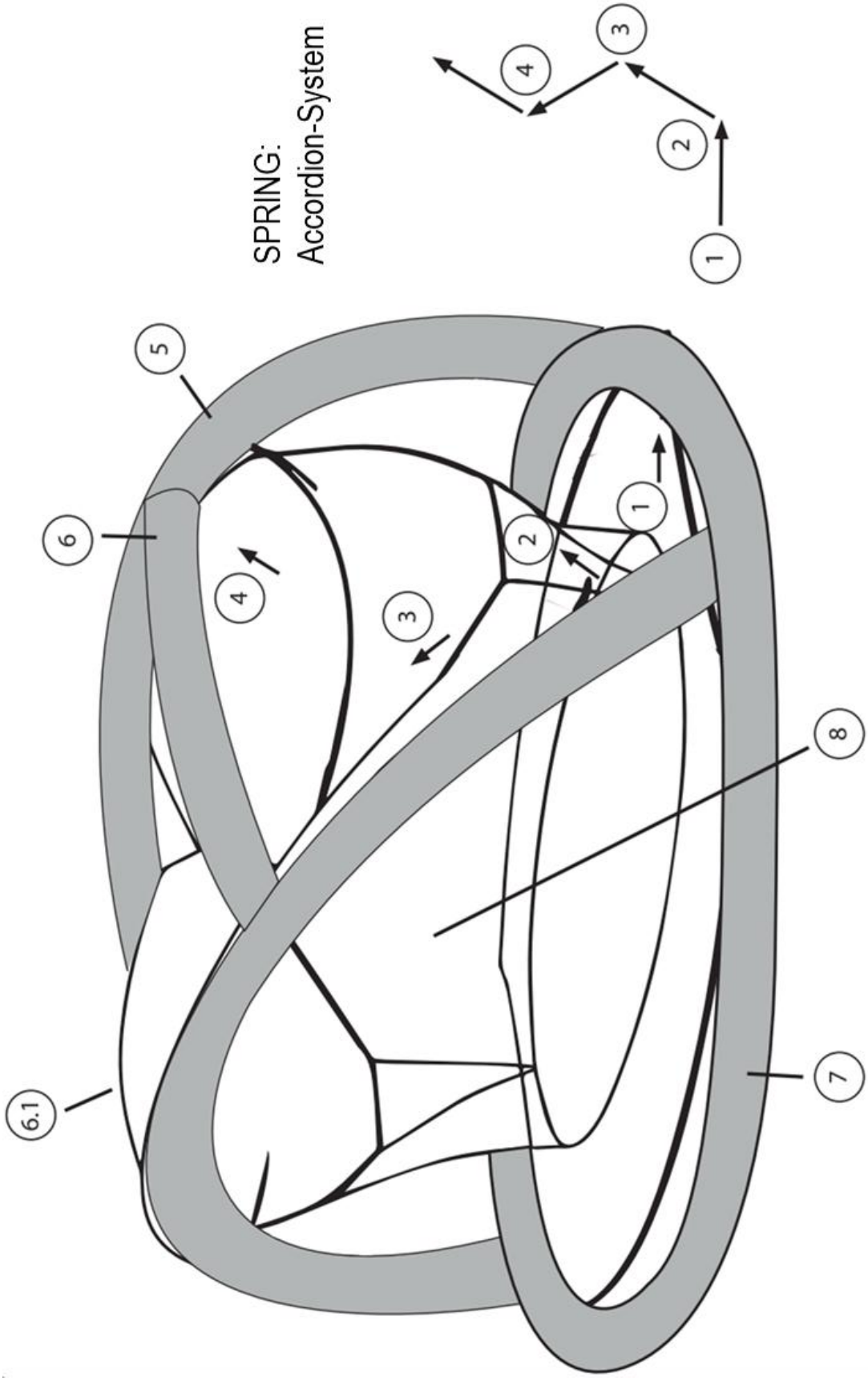


Fig. 11

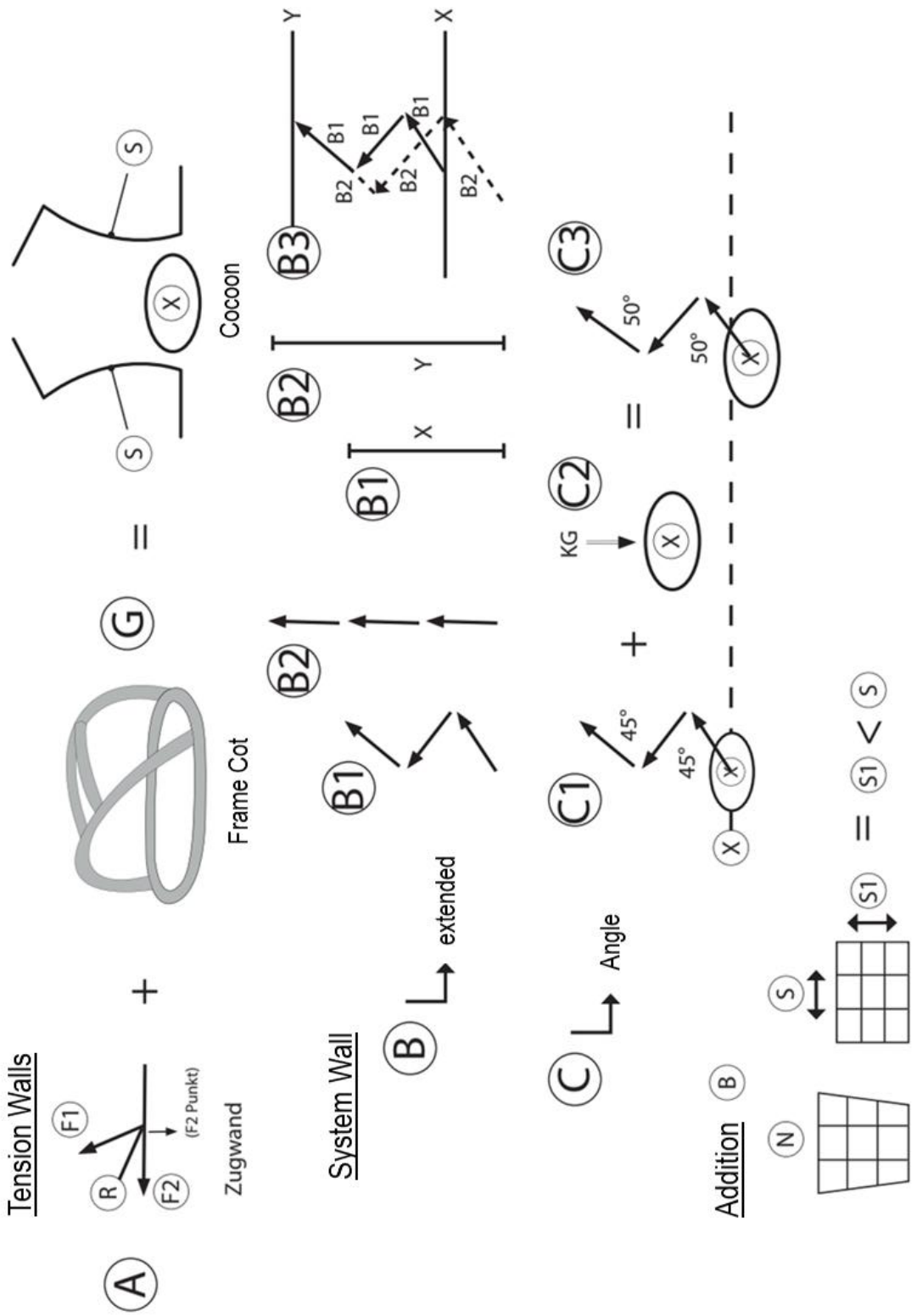

Tension Walls
A
F1
R
F2
(F2 Punkt)
Zugwand
+
G
Frame Cot
=
S
X
S
Cocoon
System Wall
B
extended
B1
B2
B1
X
Y
B2
B3
B1
B2
B1
B2
B1
B2
Y
X
C
Angle
C1
45°
45°
+
KG
C2
X
=
C3
50°
50°
X
X
X
Addition
B
N
S
S1
=
S1
<
S

Fig. 12

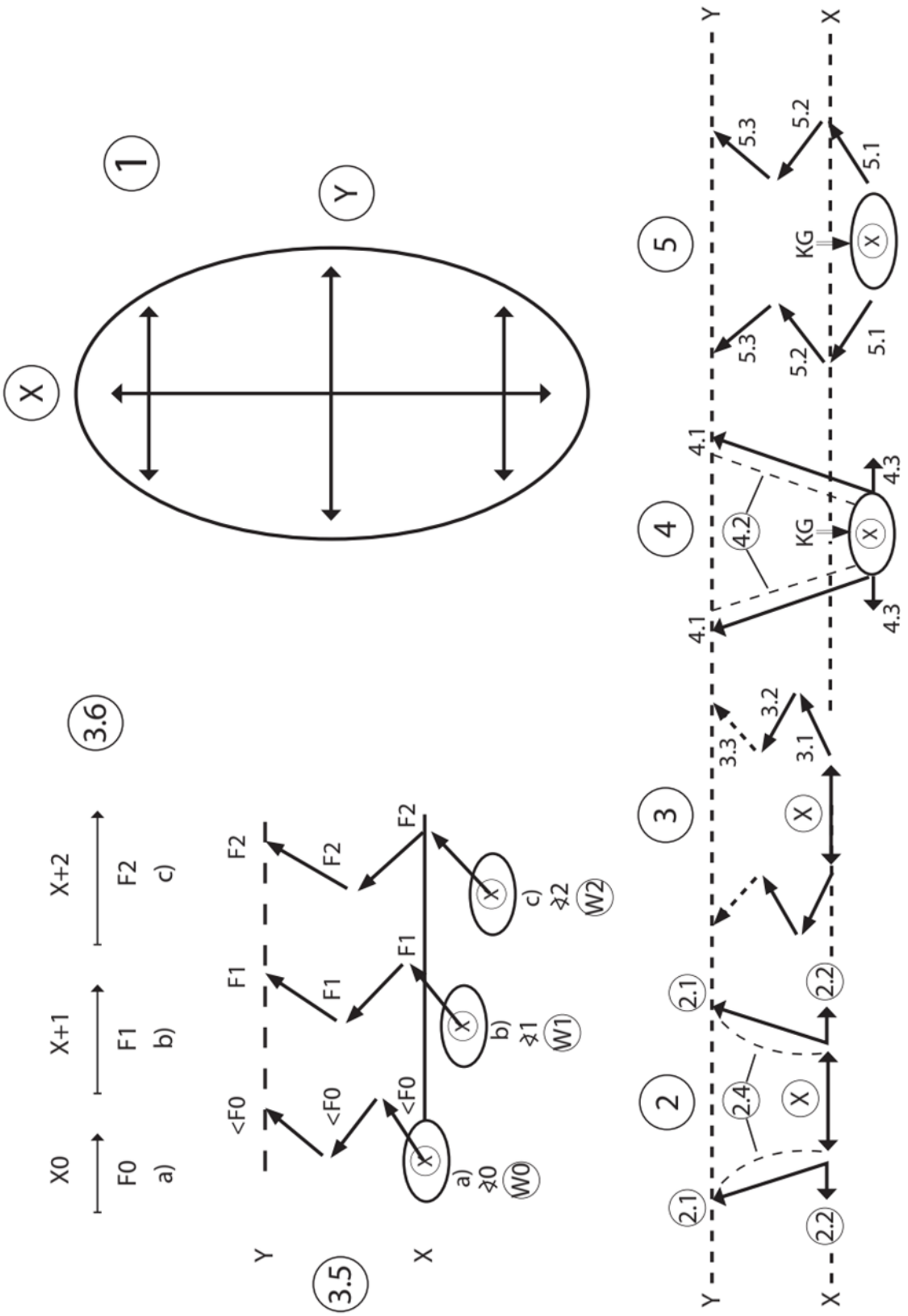

1
X
Y
2
2.1
2.2
2.4
3
3.1
3.2
3.3
4
4.1
4.2
4.3
5
5.1
5.2
5.3
KG
3.5
3.6
X0
F0
a)
X+1
F1
b)
X+2
F2
c)
<F0
F1
F2
≥0
W0
≥1
W1
≥2
W2

Fig. 13

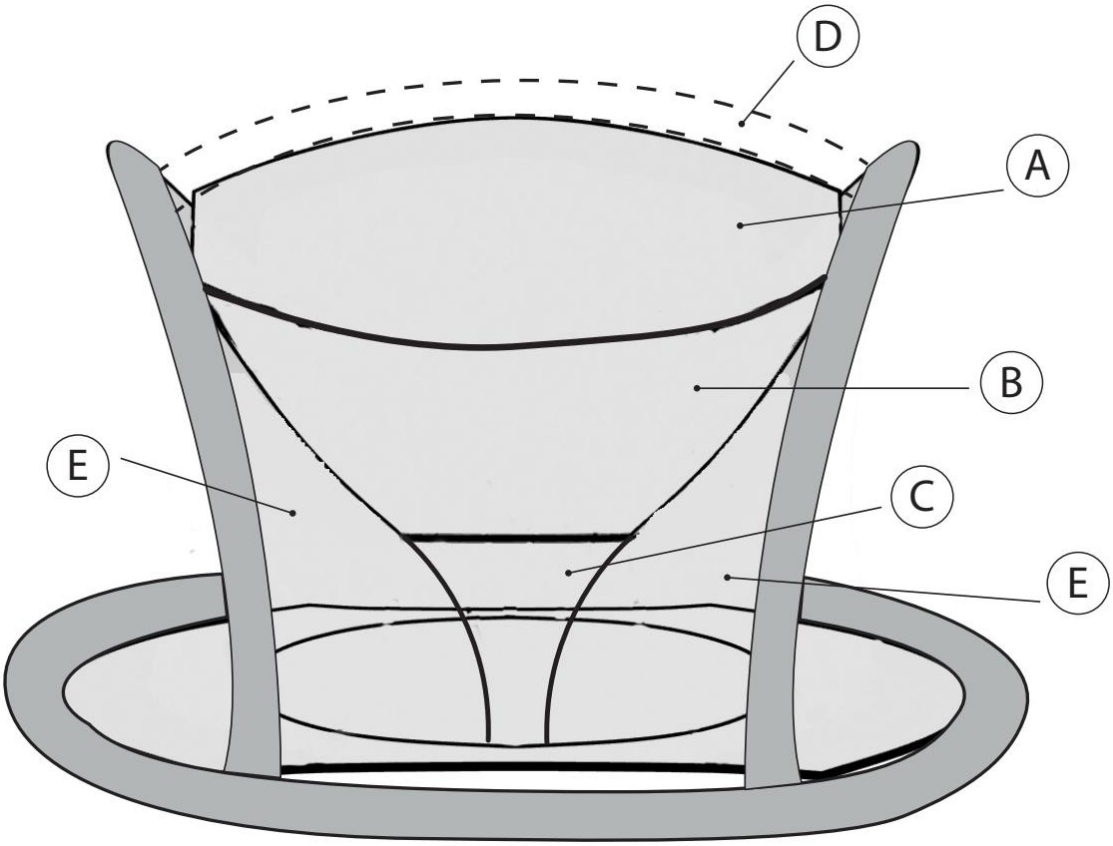


Fig. 14.1

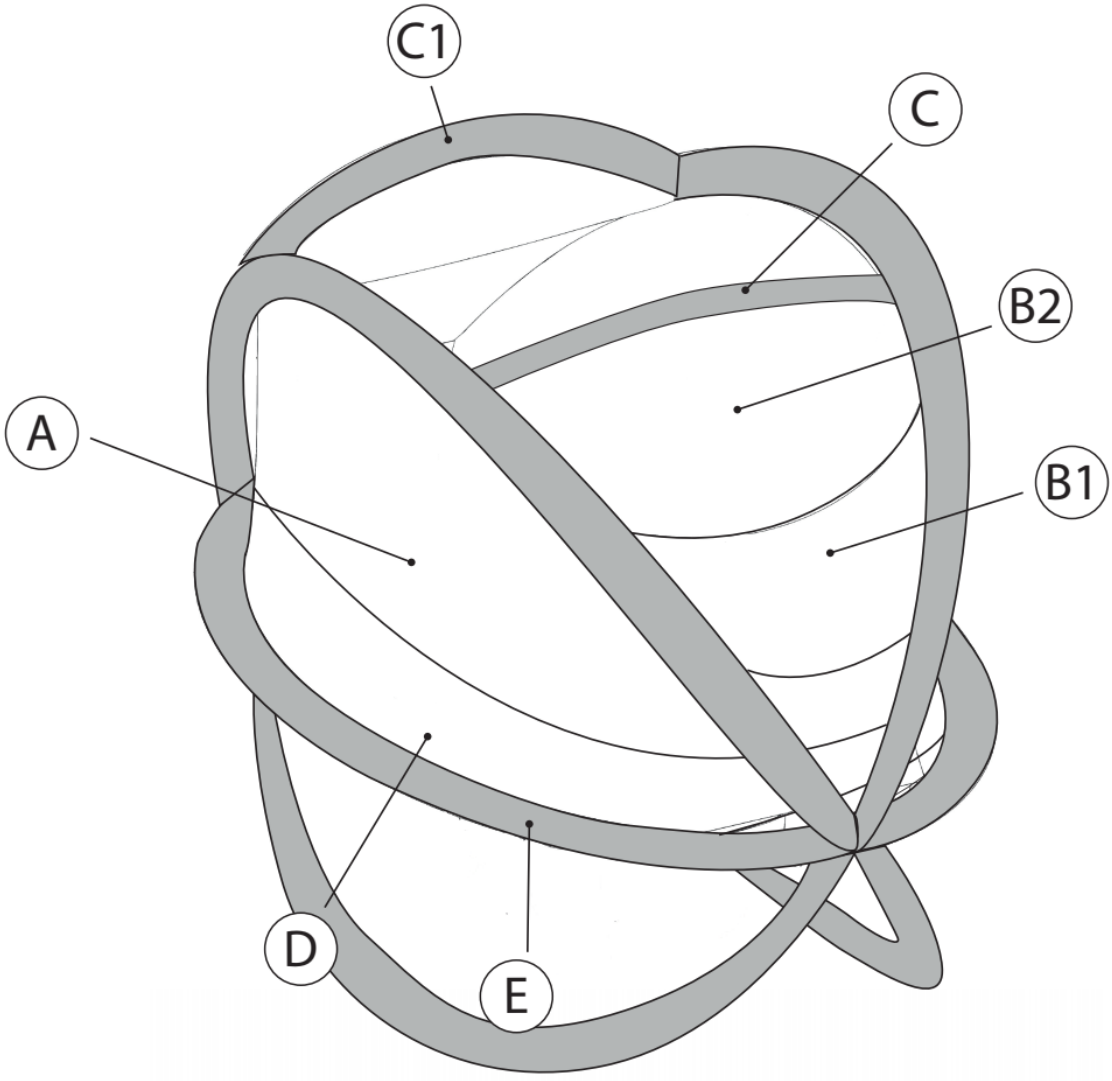


Fig. 14.2

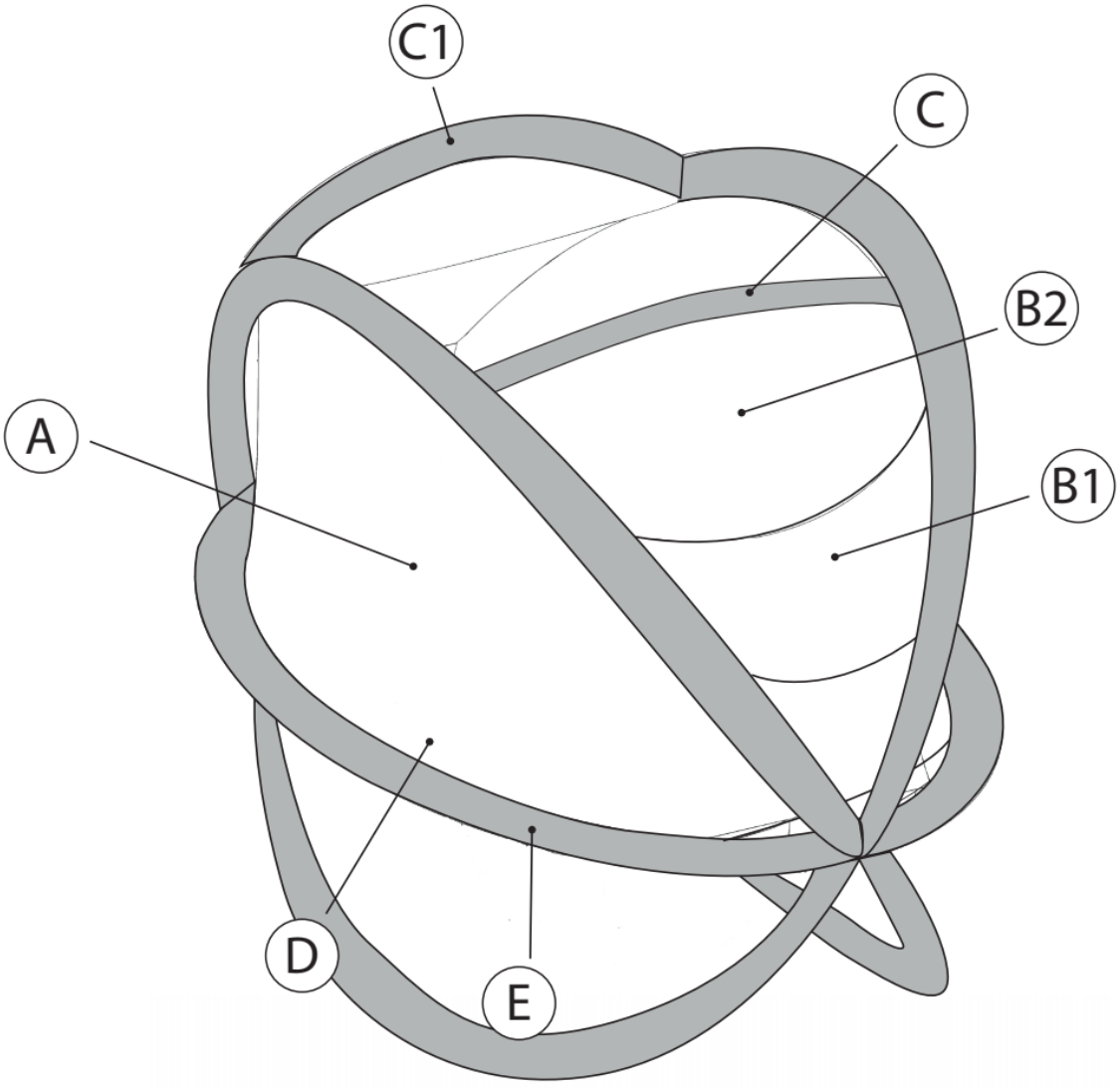


Fig. 14.3

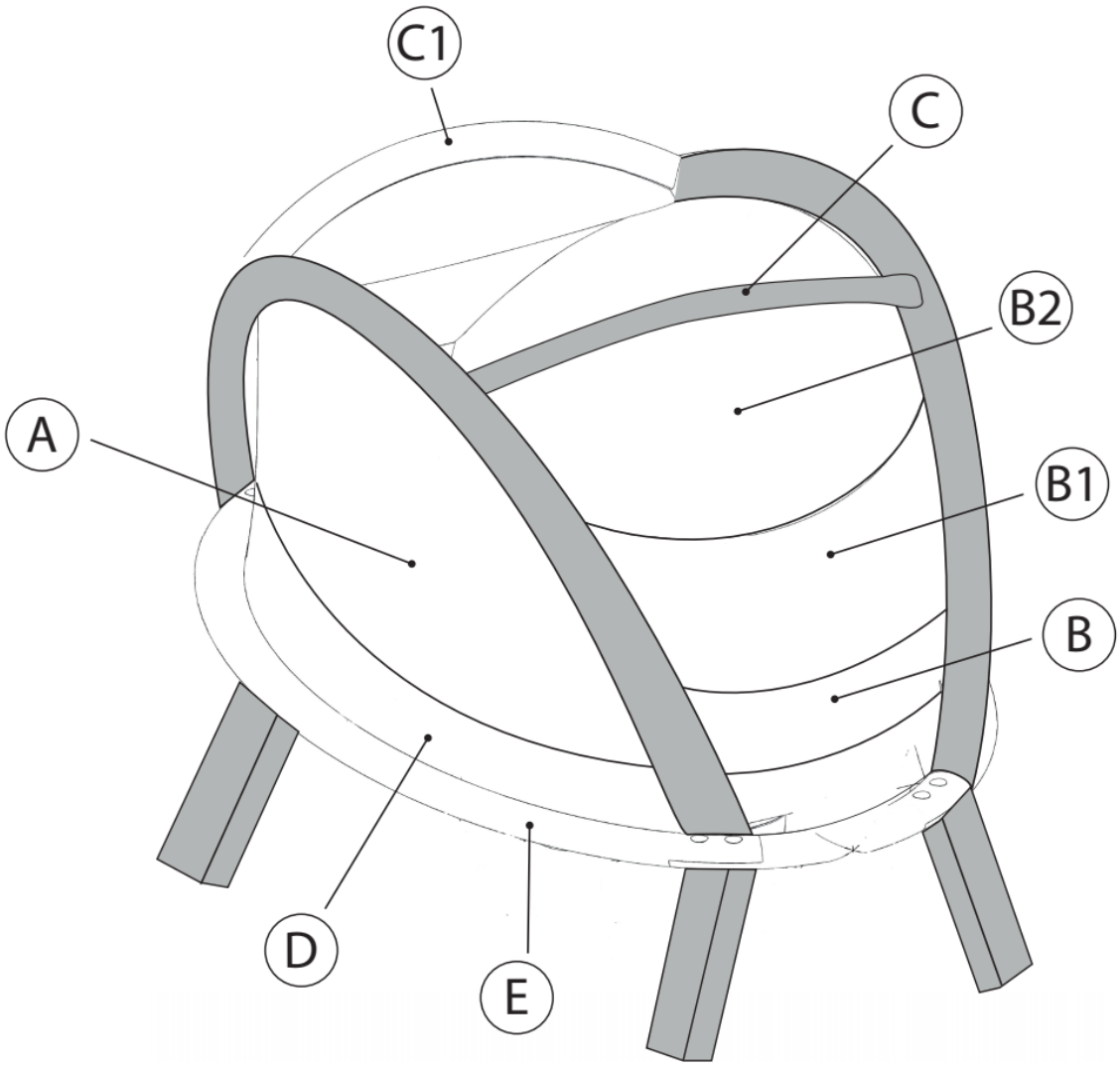


Fig. 15

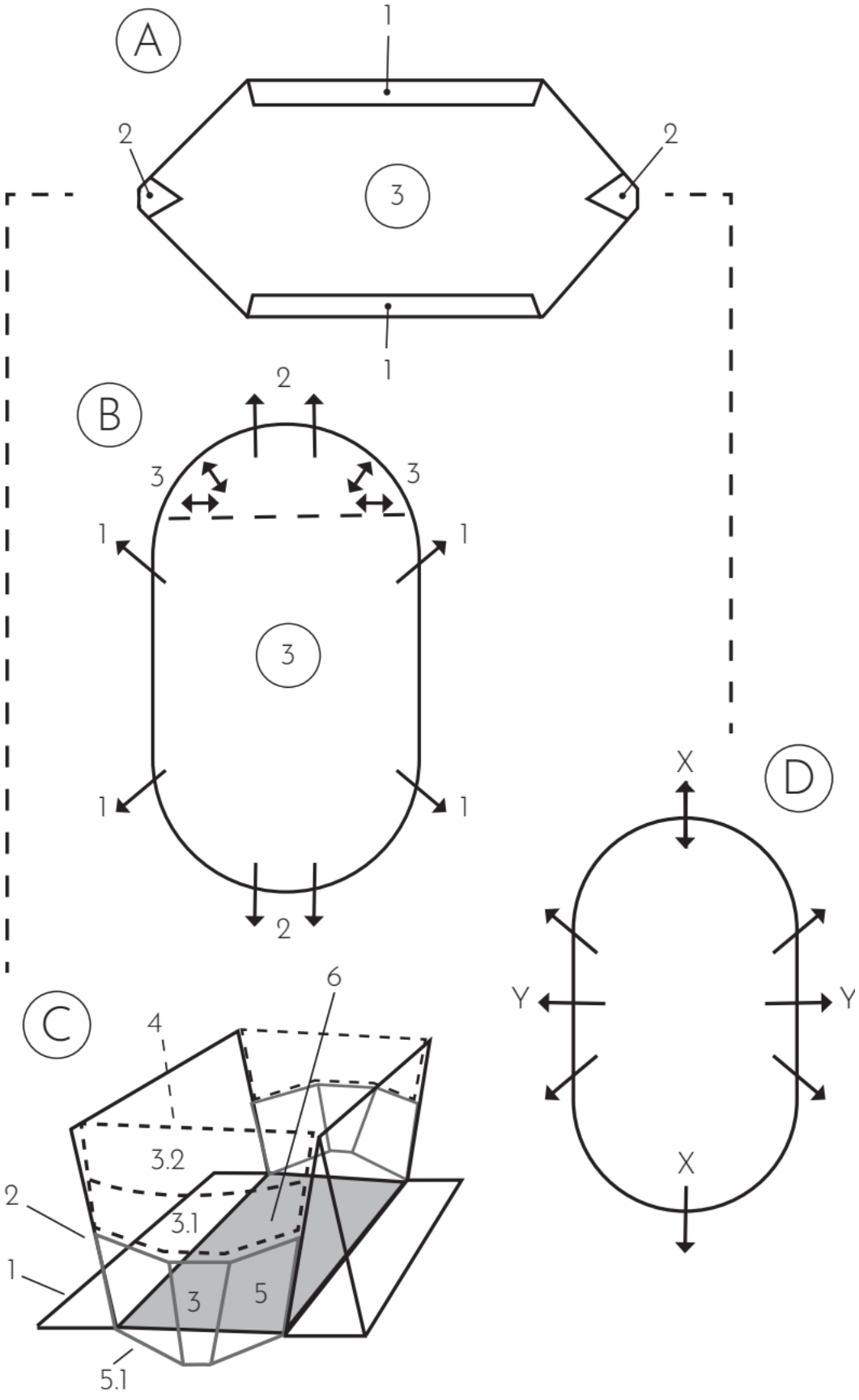


Fig. 16

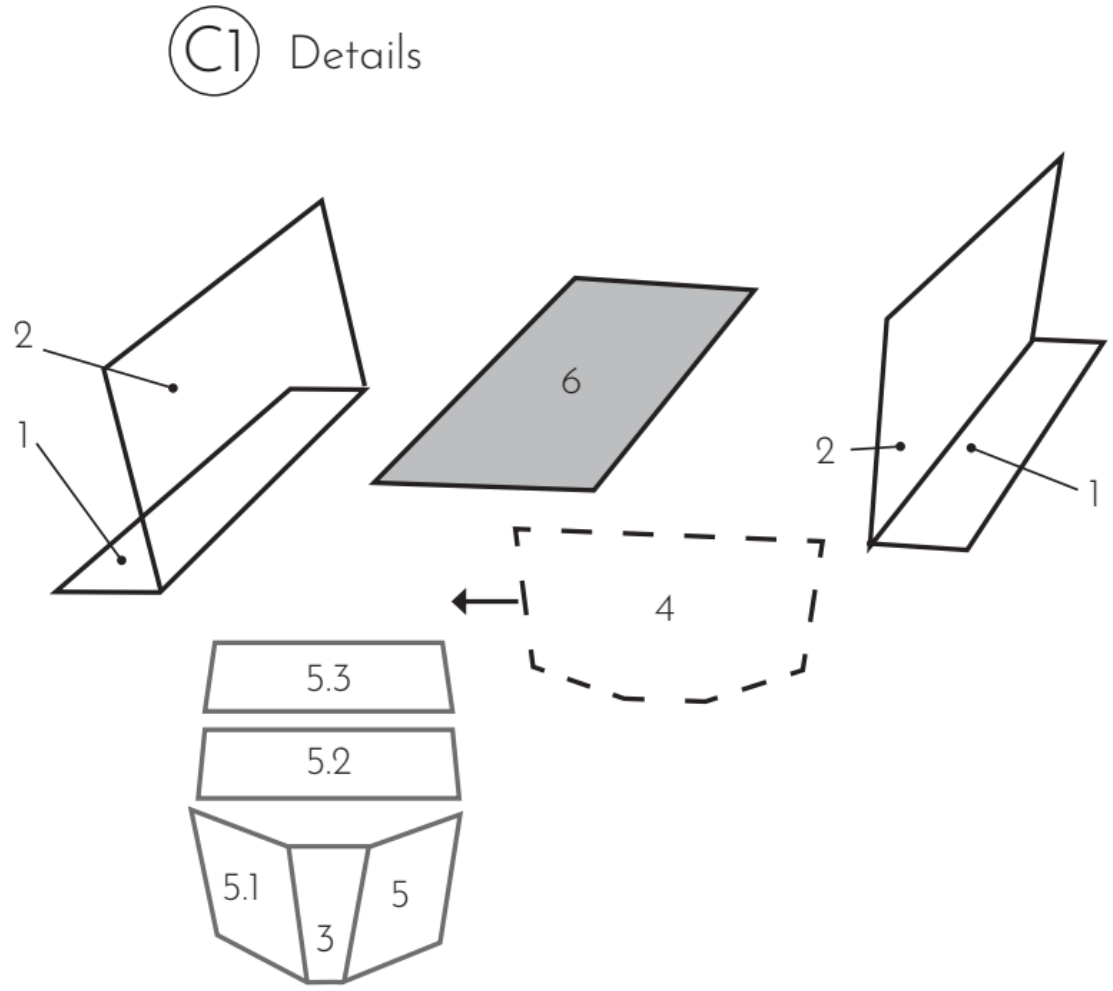


Fig. 17

