

8. An orthosis according to claim **1**, further comprising a knee orthosis section comprising an upper knee cuff connected to said proximal cuff via a connector.

9. An orthosis according to claim **8**, wherein said connector comprises a hinge.

10. A knee ankle foot exoskeletal orthosis, comprising:

a proximal cuff;

an ankle section/footplate;

dual posterior struts connecting a rear of the proximal cuff to a rear of the ankle section/footplate, and

an upper knee orthosis section connected to the proximal cuff and comprising at least one stretchable band affixed on each side.

11. An orthosis according to claim **10**, wherein the upper knee orthosis section is connected to said proximal cuff via a hinge.

12. An orthosis according to claim **10**, wherein the at least one stretchable band on each side of the upper knee orthosis section comprises rubber material, an elastic material, or a bungee cord material.

13. An orthosis according to claim **10**, at least one stretchable band is affixed to the upper knee orthosis section via a pivoting clasp.

14. An orthosis according to claim **10**, wherein the proximal cuff comprises a fastener or fixing means for manual connection of the at least one stretchable band on the upper knee orthosis section to the proximal cuff.

15. An orthosis according to claim **10**, comprising two stretchable bands affixed on each side of the upper knee orthosis section.

16. An alignable exoskeletal orthosis, comprising:

a proximal cuff;

an ankle section/footplate; and

at least one posterior strut connecting a rear of the proximal cuff to a rear of the ankle section/footplate, wherein the at least one posterior strut is fixed onto at least one of the ankle/footplate or the posterior cuff via a bolt mechanism comprising at least one angled wedge.

17. An orthosis according to claim **16**, wherein the at least one posterior strut comprises dual posterior struts, each strut having a tubular or cylindrical shape.

18. An orthosis according to claim **16**, wherein the bolt mechanism comprises:

two opposing discs, each disc having reciprocal curved surfaces for receiving a posterior strut; and

the at least one angled wedge positioned between a bottom opposing disc and a surface of the ankle/footplate, thereby allowing clamping of the at least one posterior strut at different angles and allowing for alignment changes.

19. An orthosis according to claim **18**, wherein the at least one angled wedge may have about a 1 to 8° rise or incline.

20. An exoskeletal orthosis, comprising:

a proximal cuff;

an ankle section/footplate;

at least one posterior strut connected to a rear of the proximal cuff via an upper mounting plate and connected to a rear of the ankle section/footplate via a low mounting plate;

wherein the upper and lower mounting plates each have moldable flaps or wings extending from the sides thereof.

21. An orthosis according to claim **20**, wherein the moldable flaps or wings comprise a moldable metal.

22. An orthosis according to claim **21**, wherein the moldable metal comprises a wire cage or metal band.

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