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(54) Title: MASKED ACTIVATABLE CYTOKINE CONSTRUCTS AND RELATED COMPOSITIONS AND METHODS

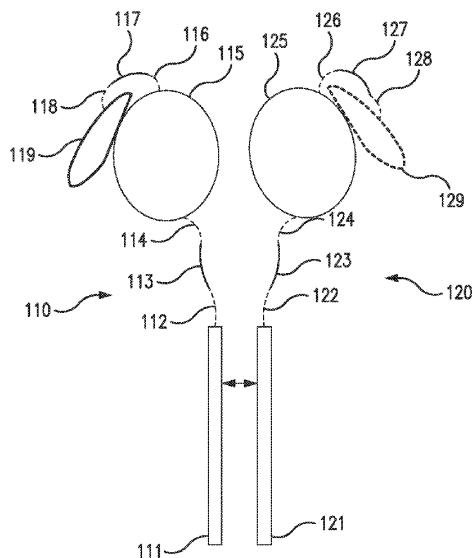


FIG. 1

(57) Abstract: Provided herein are activatable cytokine constructs that include: (a) a first monomer construct comprising a first peptide mask (PM1), a third cleavable moiety (CM3), a first mature cytokine protein (CP1), a first cleavable moiety (CM1), and a first dimerization domain (DD1), wherein the CM1 is positioned between the CP1 and the DD1, and the CM3 is positioned between the PM1 and CP1; and (b) a second monomer construct comprising a second mature cytokine protein (CP2), a second cleavable moiety (CM2), and a second dimerization domain (DD2), where the CM2 is positioned between the CP2 and the DD2, where: the DD1 and the DD2 bind each other; and where the ACC is characterized by a reduction in at least one activity of the CP1 and/or CP2 as compared to a control level of the at least one activity of the CP1 and/or CP2.

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