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(54) **Title:** FIBERS COMPRISING PROTEIN AND POLYMER COMPONENTS, METHODS OF USE, METHODS OF MANUFACTURE, AND RELATED THREADS, YARNS, TEXTILES, AND FABRICS THEREOF

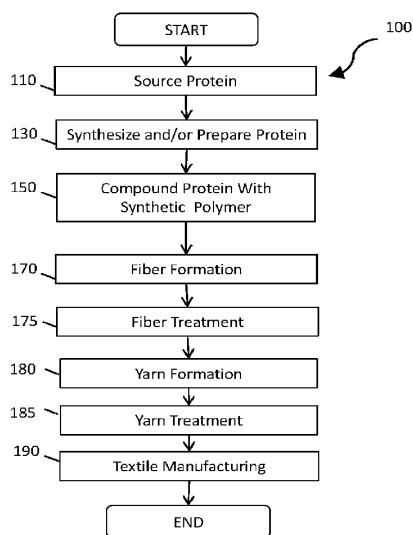


FIG. 1

(57) **Abstract:** In an embodiment, yarn comprising a plurality of fibers is provided. Each fiber may include at least 0.5% protein by weight and a synthetic polymer. Each of the plurality of fibers may be a melt-spun fiber. For each fiber, an outer portion may have a higher density of protein particles than an inner portion. Each fiber may be a skin-core fiber comprising an inner core and an outer sheath. The outer sheath of each of fiber may include at least 1% protein by weight. The inner core of each fiber may include less than 1% and/or less than 0.1% protein by weight. In another embodiment, a fabric woven from the yarn is provided. The fabric may have no or negligible discernable scroop. In other embodiments, methods of manufacture are provided.

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GQ, GW, KM, ML, MR, NE, SN, TD, TG).

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