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Declarations under Rule 4.17:

— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))

[Continued on next page]

(54) Title: IMPROVED SCREENING OF BIOPOLYMERS

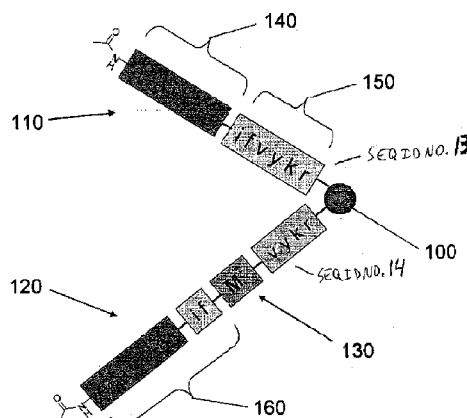


FIG. 1

(57) Abstract: Described herein are inventive compositions and methods relating to sampling of biopolymers and, in particular, to fractional sampling of biopolymers. In one aspect, embodiments are generally related to unique biopolymer species where a fraction of each biopolymer species contains a cleavable linker. The biopolymer species may, in some embodiments, be attached to a surface. For example, the biopolymer species may be attached to beads. In some embodiments, a portion of a unique biopolymer species may be sampled by cleaving the cleavable linker. In some cases, the sample may be analyzed to determine the sequence of the biopolymer.



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