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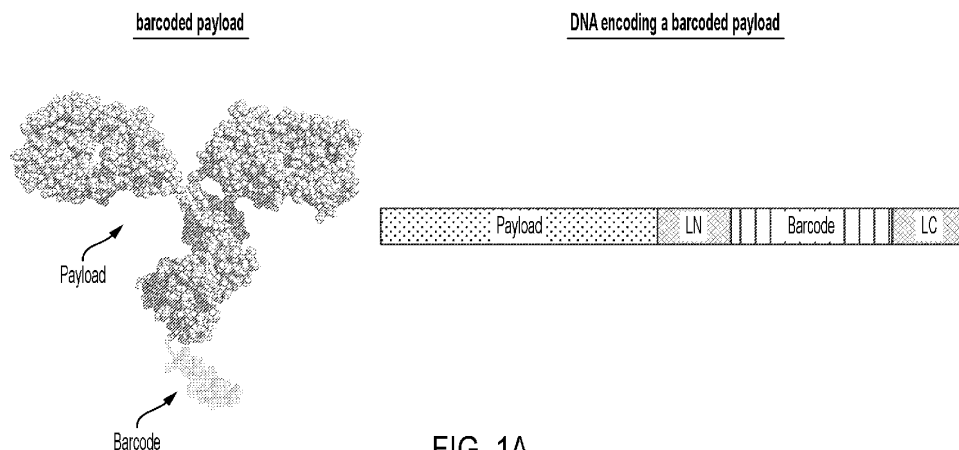


FIG. 1A

(57) Abstract: Methods and systems for quantification of an abundance of one or more payloads (e.g., proteins) in a mixture (e.g., a complex mixture (e.g., *in vivo*)) using barcodes (e.g., peptide barcodes), binders (e.g., polypeptide binders), and binding agents (e.g., phage) are provided herein.

[Continued on next page]

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