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(54) Title: INTENSIFIED VIRUS FILTRATION USING DIAFILTRATION BUFFER

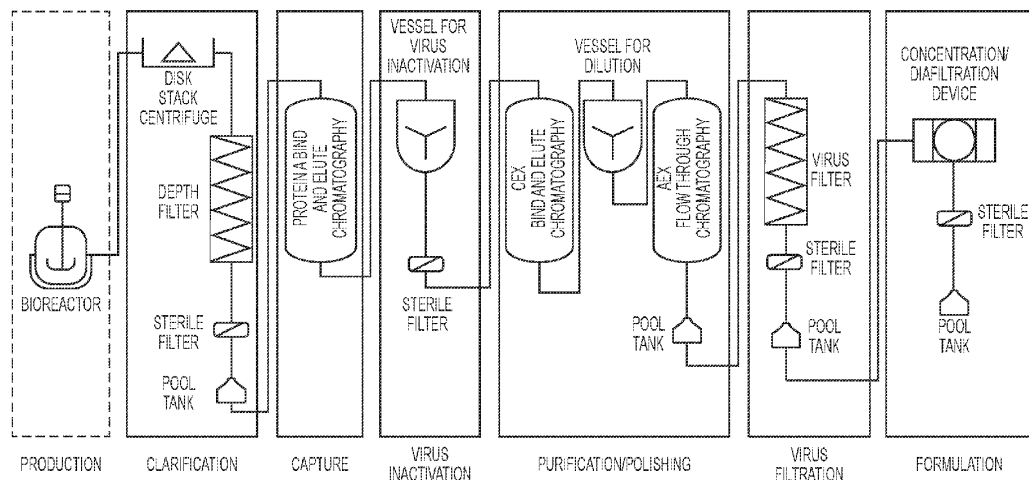


FIG. 1
(PRIOR ART)

(57) Abstract: Method and system for purifying a sample comprising a biomolecule of interest and impurities, comprising expressing said biomolecule of interest in a bioreactor to form a product sample comprising said biomolecule of interest and impurities; subjecting said product sample to filtration to form a clarified product sample; subjecting said clarified product sample to affinity chromatography to remove impurities; subsequently subjecting said product sample to diafiltration followed by virus filtration and optional concentration. The buffer used during the diafiltration step (and thus in the virus filtration step) is the buffer desired for the final formulation of the product.

[Continued on next page]

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