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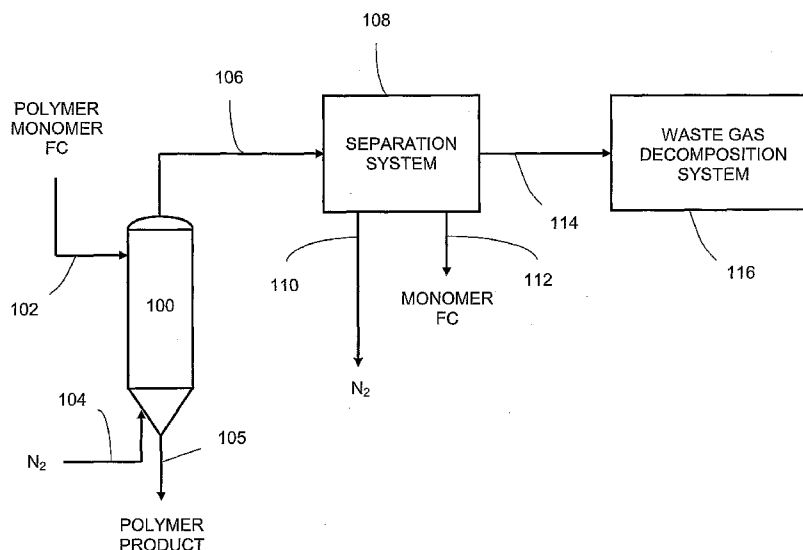
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Declarations under Rule 4.17:

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[Continued on next page]

(54) Title: POLYMERIZATION PROCESS AND REACTOR SYSTEM



(57) Abstract: A process for polymerizing one or more monomers is provided. In at least one specific embodiment, the process includes preparing a mixture comprising the one or more monomers, a catalyst system and a fluorinated hydrocarbon, preferably a hydrofluorocarbon. A fluorinated hydrocarbon containing stream, a polymer product stream and a waste stream are recovered from the mixture. At least a portion of the waste stream is sent to a non-flare decomposition system to produce a destructured waste stream, and the destructured waste stream is released to atmosphere.

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