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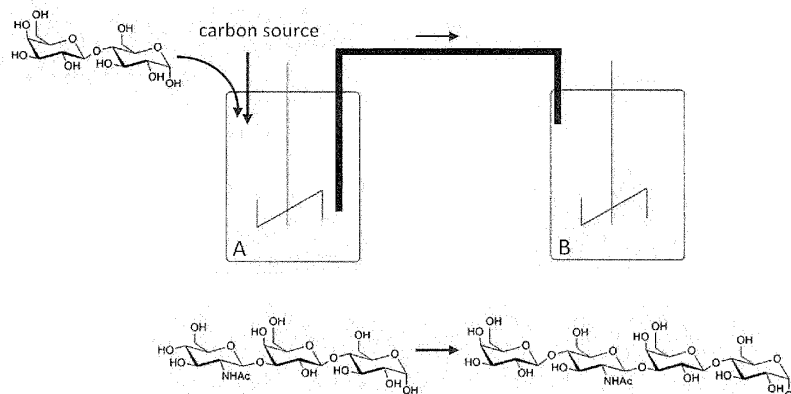


FIG. 1

(57) Abstract: Disclosed is a process for the production of a desired oligosaccharide, the process comprises providing a genetically engineered microbial cell which possesses a saccharide importer for the uptake of an intermediate oligosaccharide, and an enzyme being able to convert the intermediated oligosaccharide by transferring a monosaccharide moiety from a donor substrate to the intermediate oligosaccharide; cultivating the genetically engineered microbial cell in the presence of an intermediate oligosaccharide to generate the desired oligosaccharide; and retrieving the desired oligosaccharide.