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(54) Title: VESICULAR SYSTEM AND USES THEREOF

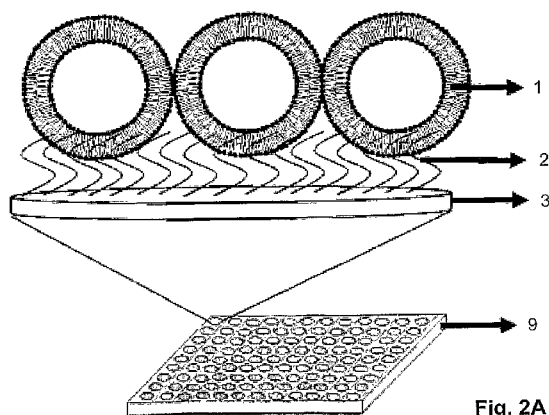


Fig. 2A

(57) Abstract: Disclosed is a vesicular system comprising a surface with a vesicle immobilized thereon. The immobilized vesicle has a circumferential membrane of an amphiphilic polymer. The vesicle is coupled to a surface by means of a molecule with a non-polar moiety. The non-polar moiety comprises a main chain of 3 to about 30 carbon atoms and 0 to about 12 heteroatoms selected from Si, O, S, and Se. The molecule with the non-polar moiety is coupled to the surface via a covalent or non-covalent bond. A portion of the non-polar moiety is integrated in the circumferential membrane.

