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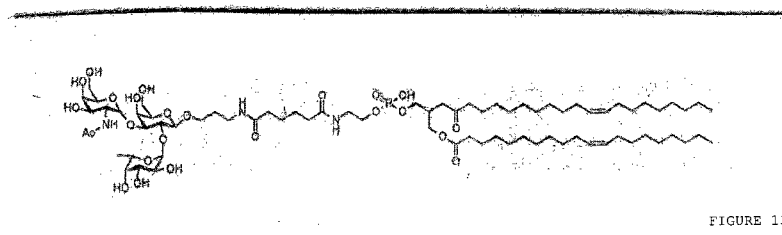


FIGURE 13

(57) Abstract: Methods of manufacturing cards, strips and multiwell plates for use in diagnostic assays are described. The methods employ the use of synthetic constructs of the generic structure F-S-L (where F is an antigen for a reactive antibody, S is a spacer covalently linking F to L, and L is a lipid) as "ink" in inkjet printers. The cards, strips and multiwell plates provide a number of advantages including efficiency of manufacture and improved accuracy in determining and recording assay results.