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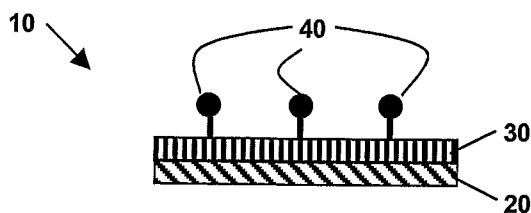
- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
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(54) Title: CELL-ADHESIVE POLYELECTROLYTE MATERIAL FOR USE AS MEMBRANE AND COATING



(57) Abstract: A multilayer polyelectrolyte support material is provided that includes a polyelectrolyte layer and a polyelectrolyte-polyethylene glycol layer adjacent to the polyelectrolyte layer. The support material also includes a ligand conjugated to the polyelectrolyte-polyethylene glycol layer, allowing for attachment of a protein or a cell to the support material with controlled orientation.