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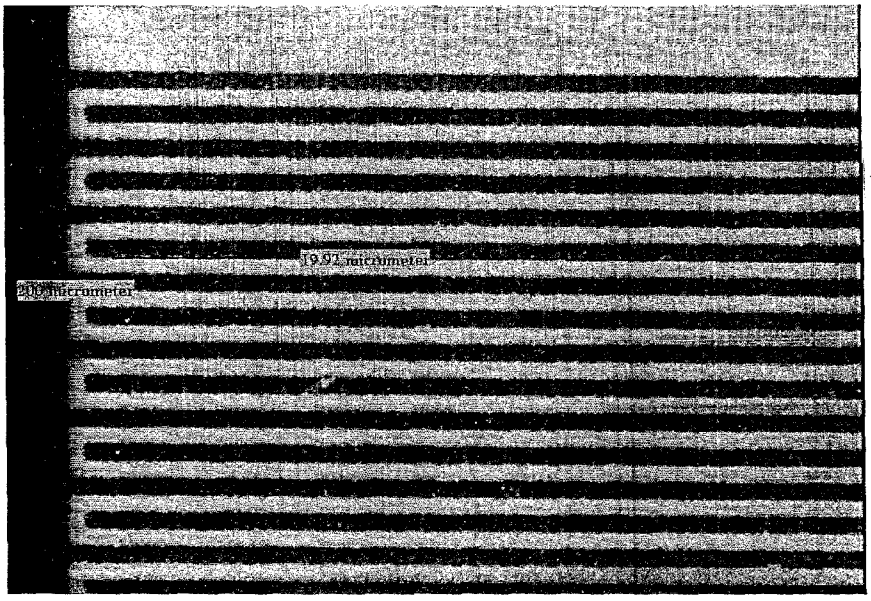
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(54) Title: BIOSENSOR AND METHOD OF MAKING CROSS-REFERENCE TO RELATED APPLICATIONS



(57) Abstract: An electrochemical biosensor with electrode elements that possess smooth, highquality edges. These smooth edges define gaps between electrodes, electrode traces and contact pads. Due to the remarkable edge smoothness achieved with the present invention, the gaps can be quite small, which provides marked advantages in terms of test accuracy, speed and the number of different functionalities that can be packed into a single biosensor. Further, the present invention provides a novel biosensor production method in which entire electrode patterns for the inventive biosensors can be formed all at one, in nanoseconds -- without regard to the complexity of the electrode patterns or the amount of conductive material that must be ablated to form them.

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