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Figure 3 is a perspective view of a substrate 3101. The substrate has a grid of circular patterns. A dashed line 3104 encloses a 2x2 grid of these patterns. Labels 3102, 3103, and 3105 point to features within one of the patterns. Labels 3108, 3109, and 3110 point to features within another pattern. Label 3111 points to a feature on the substrate surface. Label 3112 is a bracket grouping labels 3108, 3109, and 3110.

(57) **Abstract:** Electrochemical cells and methods for their production are provided. In particular, multi-well assay plates including multi-electrode wells are provided. The multi-electrode wells contain multiple electrodes that are electrically isolated from one another, permitting the various electrodes of the various wells to be addressed in any suitable combination.

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- *as to the applicant's entitlement to claim the priority of the
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