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(54) Title: SYSTEMS AND METHODS FOR IDENTIFYING AND CLASSIFYING RARE CELLS

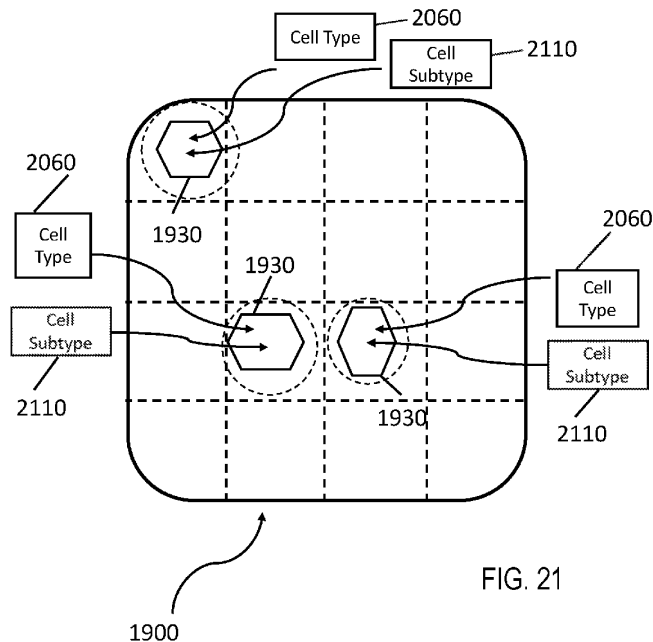


FIG. 21

(57) Abstract: Disclosed herein are systems and methods of identifying and classifying rare cells. A machine learning system comprising learning layers is trained to develop algorithms to rapidly identify and classify unknown biological samples on an image. The algorithms identify and classify regions of cells, cell types, and cell subtypes.

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