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(54) Title: ANALYZING THE EXPRESSION OF BIOMARKERS IN CELLS WITH MOMENTS

(57) Abstract: Cell profile data is stored. The cell profile data comprises multiplexed biometric images capturing the expression of a plurality of biomarkers by at least one tissue sample from a patient with respect to at least one field of view. Individual cells are delineated and segmented into compartments. At least one cell feature is calculated based on the cell's expression of each of a plurality of biomarkers. A first moment is calculated for each cell feature. The moments are examined for an association with a diagnosis, a prognosis of a response to treatment of a condition or disease. Apparatus for performing the foregoing steps are disclosed.

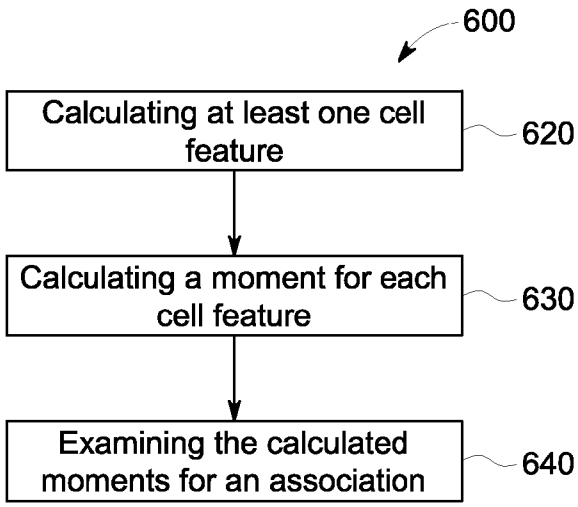


FIG. 6

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