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(54) Title: SYSTEMS AND METHODS TO PROCESS ELECTRONIC IMAGES TO PROVIDE IMPROVED VISUALIZATION
AND RENDERING OF HISTOPATHOLOGY SLIDES

(57) Abstract: A method for processing an electronic image including receiving, by a viewer, the electronic image and a FOV (field of view), wherein the FOV includes at least one coordinate, at least one dimension, and a magnification factor, loading, by the viewer, a plurality of tiles within the FOV, determining, by the viewer, a state of the plurality of tiles in a cache, and in response to determining that the state of the plurality of tiles in the cache is a fully loaded state, rendering, by the viewer, the plurality of tiles to a display.

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