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- (71) **Applicant:** **MEMORIAL SLOAN KETTERING CANCER CENTER** [US/US]; 1275 York Avenue, New York, New York 10065 (US).
- (72) **Inventors:** **YARLAGADDA, Dig Vijay Kumar**; c/o Memorial Sloan Kettering Cancer Center, 1275 York Avenue, New York, New York 10065 (US). **HANNA, Matthew**; c/o Memorial Sloan Kettering Cancer Center,

1275 York Avenue, New York, New York 10065 (US). **SCHUEFFLER, Peter**; c/o Memorial Sloan Kettering Cancer Center, 1275 York Avenue, New York, New York 10065 (US). **FUCHS, Thomas**; c/o Memorial Sloan Kettering Cancer Center, 1275 York Avenue, New York, New York 10065 (US).

- (74) **Agent:** **KHAN, Shabbi S.** et al.; FOLEY & LARDNER LLP, 3000 K Street N.W., Suite 600, Washington, District of Columbia 20007-5109 (US).

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- (54) **Title:** MACHINE LEARNING MODEL FOR ANALYZING PATHOLOGY DATA FROM METASTATIC SITES

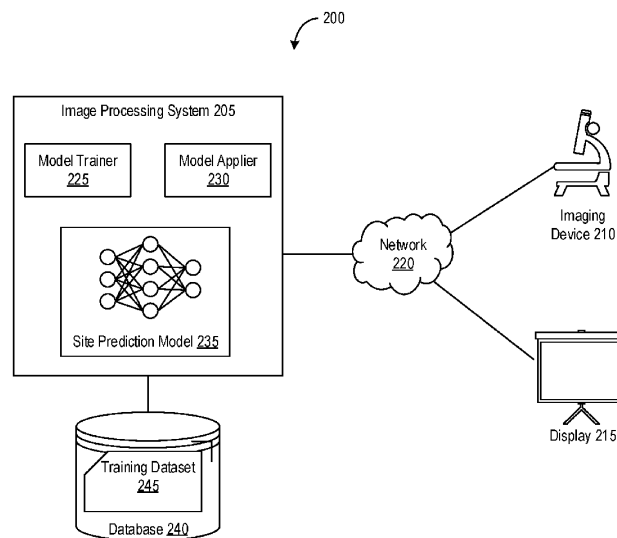


FIG. 2

- (57) **Abstract:** Described herein are systems and methods of determining primary sites from biomedical images. A computing system may identify a first biomedical image of a first sample from one of a primary site or a secondary site associated with a condition in a first subject. The computing system may apply the first biomedical image to a site prediction model comprising a plurality of weights to determine the primary site for the condition. The computing system may store an association between the first biomedical image and the primary site determined using the site prediction model.



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