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(54) **SYSTEM AND METHOD FOR OPPORTUNISTIC IMAGING**

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(57) **ABSTRACT**

A system for opportunistic imaging includes an imaging device that generates data comprising a plurality of sequential image frames. The system also includes a control module that causes the imaging device to generate standard-resolution image frames at a standard-frame rate and a standard-resolution, such that there is a processing time lull between the generation of sequential standard-resolution image frames. The control module also causes the imaging device to generate one or more burst-resolution image frames at a burst-frame rate and a burst-resolution within the processing time lull.