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**Cohen et al.**

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(54) **METHOD AND SYSTEM FOR MANAGING A PARKING LOT BASED ON INTELLIGENT IMAGING**

**Related U.S. Application Data**

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CPC ..... **G06K 9/00624** (2013.01); **G07B 15/02** (2013.01); **G08G 1/14** (2013.01); **H04N 7/18** (2013.01)

(58) **Field of Classification Search**  
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(\*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 232 days.

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(57) **ABSTRACT**

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To manage a plurality of parking spaces, one or more images are acquired, with each parking space appearing in at least one image. Periodically acquired images of occupancy and identity are used in directing a customer to a parked vehicle. Periodically acquired images of just occupancy are used in controlling respective environmental aspects, such as illumination and ventilation, of the parking spaces. For these purposes, the images are classified automatically as “vacant” or “occupied”, and are displayed along with their classifications so that the classifications can be corrected manually.

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