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Widdowson

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(54) **METHOD AND SYSTEM FOR DETERMINING AN OCCLUSION COST FOR CONCURRENTLY PRESENTING ONE OR MORE IMAGES IN A SHARED VIEWING REGION**

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(52) **U.S. Cl.** **345/629**; 345/637; 345/619; 345/418

(58) **Field of Classification Search** 345/629, 345/619, 581, 589, 637, 639, 418
See application file for complete search history.

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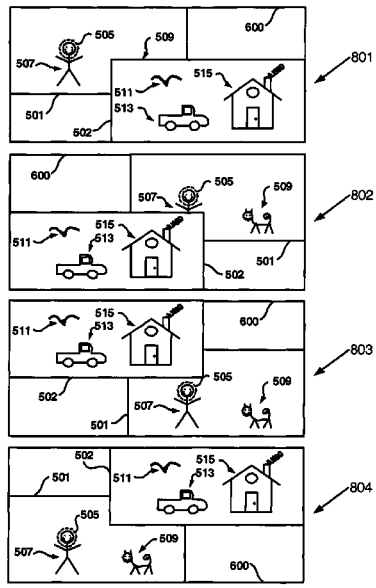
(57) **ABSTRACT**

Methods and systems for determining an occlusion cost for concurrently presenting multiple images within a shared viewing region are described. Image saliency data is received for a first image to be displayed concurrently with a second image in the shared viewing region. Image saliency data is received for the second image. A layout orientation is received for concurrently presenting the first image and the second image within the shared viewing region. The image saliency data for the first image and the image saliency data for the second image are utilized to determine the occlusion cost of the layout orientation for concurrently presenting the first image and the second image within the shared viewing region.

42 Claims, 14 Drawing Sheets