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**Hefny et al.**

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(54) **FACE POSE CORRECTION BASED ON DEPTH INFORMATION**

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| ***G06T 7/50*** | (2017.01) |
| ***G06T 7/13*** | (2017.01) |
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CPC ..... ***G06T 7/194*** (2017.01); ***G06T 5/002*** (2013.01); ***G06T 5/006*** (2013.01); ***G06T 7/13*** (2017.01); ***G06T 7/50*** (2017.01); ***G06T 7/70*** (2017.01); *G06T 2207/10016* (2013.01); *G06T 2207/20068* (2013.01); *G06T 2207/30201* (2013.01)

(58) **Field of Classification Search**

CPC ..... G06F 3/013; G06F 3/012; G02B 27/0093; G02B 2027/014; G02B 2027/0138; G06K 9/4647; G06K 9/4652; G06K 9/32; G06K 9/00268; G06K 2009/363; G06K 9/00281; G06T 2207/30201

See application file for complete search history.

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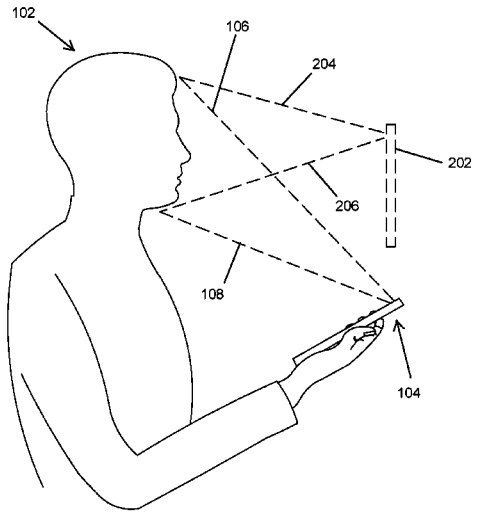
(57) **ABSTRACT**

Some implementations can include a computer-implemented method, computer readable medium, and/or system for pose correction of video images captured by a mobile device.

**18 Claims, 7 Drawing Sheets**