(56) **References Cited**

U.S. PATENT DOCUMENTS

2011/0050568 A1* 3/2011 Hu G06T 7/73 345/157
2011/0090303 A1* 4/2011 Wu H04N 5/23267 348/14.16
2011/0243388 A1* 10/2011 Sakaguchi G06T 3/4007 382/103
2011/0244919 A1* 10/2011 Aller G06Q 30/0281 455/556.1
2012/0038742 A1* 2/2012 Robinson H04N 7/142 348/14.16
2013/0016097 A1* 1/2013 Coene G06T 7/194 345/419
2013/0016102 A1* 1/2013 Look G06T 15/20 345/426
2013/0063538 A1* 3/2013 Hubner H04N 7/142 348/14.02
2013/0121597 A1* 5/2013 Hsu H04N 5/21 382/201
2013/0135315 A1* 5/2013 Bares G11B 27/031 345/473
2015/0002607 A1* 1/2015 Border H04N 21/41407 348/14.02
2015/0077323 A1* 3/2015 Ramaswamy G06F 3/0304 345/156
2015/0077573 A1* 3/2015 Ishikawa G06T 3/005 348/189
2015/0195491 A1* 7/2015 Shaburov H04N 7/15 348/14.12
2016/0067617 A1* 3/2016 Tolk A63F 13/655 463/32
2016/0323541 A1* 11/2016 Nilsson H04N 7/141
2017/0111584 A1* 4/2017 Hong H04N 5/23296
2017/0214861 A1* 7/2017 Rachlin G03B 5/00
2017/0236407 A1* 8/2017 Rhoads H04N 5/23219 455/420
2017/0316602 A1* 11/2017 Smirnov G06T 15/205
2018/0082405 A1* 3/2018 Liang G06F 3/04842
2018/0307310 A1* 10/2018 McCombe H04N 5/23229
2019/0130622 A1* 5/2019 Hoover G06F 3/005
2020/0045287 A1* 2/2020 Varekamp H04N 13/117
2020/0103962 A1* 4/2020 Burns G06F 3/011

OTHER PUBLICATIONS

"International Search Report and Written Opinion in PCT application No. PCT/US2019/053692", dated Jan. 2, 2020, 9 pages.
"Gaze Correction for Home Video Conferencing", https://www.youtube.com/watch?v=_clOuXPYu-0, Apr. 18, 2016.

* cited by examiner