



US 20220354003A1

(19) **United States**(12) **Patent Application Publication****Liu et al.**(10) **Pub. No.: US 2022/0354003 A1**(43) **Pub. Date: Nov. 3, 2022**(54) **CURVED DISPLAY APPARATUS AND METHOD OF FABRICATING CURVED DISPLAY APPARATUS**(71) Applicants: **Chengdu BOE Optoelectronics Technology Co., Ltd.**, Chengdu, Sichuan (CN); **BOE Technology Group Co., Ltd.**, Beijing (CN)(72) Inventors: **Chang Liu**, Beijing (CN); **Chao Wang**, Beijing (CN); **Zhiliang Jiang**, Beijing (CN); **Pan Zhao**, Beijing (CN); **Qian Ma**, Beijing (CN); **Dianjie Hou**, Beijing (CN)(73) Assignees: **Chengdu BOE Optoelectronics Technology Co., Ltd.**, Chengdu, Sichuan (CN); **BOE Technology Group Co., Ltd.**, Beijing (CN)(21) Appl. No.: **17/434,401**(22) PCT Filed: **Nov. 17, 2020**(86) PCT No.: **PCT/CN2020/129375**

§ 371 (c)(1),

(2) Date: **Aug. 26, 2021****Publication Classification**(51) **Int. Cl.****H05K 5/00** (2006.01)**B32B 1/00** (2006.01)**B32B 7/12** (2006.01)**B32B 15/04** (2006.01)**B32B 37/12** (2006.01)**B32B 38/00** (2006.01)**B32B 17/06** (2006.01)**B32B 15/20** (2006.01)(52) **U.S. Cl.**CPC **H05K 5/0018** (2022.08); **B32B 1/00** (2013.01); **B32B 7/12** (2013.01); **B32B 15/04** (2013.01); **B32B 37/12** (2013.01); **B32B 38/0012** (2013.01); **B32B 17/06** (2013.01); **B32B 15/20** (2013.01); **B32B 2457/20** (2013.01); **B32B 2307/732** (2013.01); **B32B 2307/42** (2013.01); **B32B 2311/24** (2013.01); **B32B 2311/12** (2013.01); **B32B 2315/08** (2013.01); **B32B 2307/546** (2013.01)

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ABSTRACT

A curved display apparatus is provided, including one or more bending portions where the curved display apparatus is bent. At least the one or more bending portions of the curved display apparatus including a stacked structure, which includes a support layer; a display panel on the support layer; and N number of pressure sensitive adhesive layers and M number of flexible base layers between the support layer and the display panel, N is an integer equal to or greater than 3, M is an integer equal to or greater than 2. A first one of the N number of pressure sensitive adhesive layers adheres the support layer and a first one of the M number of flexible base layers together. A last one of the N number of pressure sensitive adhesive layers adheres the display panel and a last one of the M number of flexible base layers together.

