## 

## (11) **EP 4 199 486 A8**

## (12) CORRECTED EUROPEAN PATENT APPLICATION

published in accordance with Art. 153(4) EPC

(15) Correction information:

Corrected version no 1 (W1 A1) Corrections, see

Bibliography INID code(s) 72

(48) Corrigendum issued on: **02.08.2023 Bulletin 2023/31** 

(43) Date of publication: **21.06.2023 Bulletin 2023/25** 

(21) Application number: 22865890.2

(22) Date of filing: 14.09.2022

(51) International Patent Classification (IPC):

H04M 1/02 (2006.01) F16C 11/04 (2006.01)

B21J 5/02 (2006.01)

(86) International application number: PCT/CN2022/118808

(87) International publication number: WO 2023/077969 (11.05.2023 Gazette 2023/19)

(84) Designated Contracting States:

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

**Designated Extension States:** 

**BA ME** 

**Designated Validation States:** 

KH MA MD TN

(30) Priority: **08.11.2021 CN 202111312105** 

(71) Applicant: Honor Device Co., Ltd. Shenzhen, Guangdong 518040 (CN)

(72) Inventors:

- ZHENG, Hansen Shenzhen, Guangdong 518040 (CN)
- ZHANG, Handong Shenzhen, Guangdong 518040 (CN)
- (74) Representative: Epping Hermann Fischer Patentanwaltsgesellschaft mbH Schloßschmidstraße 5 80639 München (DE)

## (54) CAM ASSEMBLY, FOLDING MECHANISM, TERMINAL DEVICE, AND MANUFACTURING METHOD FOR CAM ASSEMBLY

This application provides a cam assembly, a folding mechanism, terminal device, and a method for manufacturing a cam assembly, and relates to the field of terminals. The cam assembly includes a cam body and a frame. The cam body includes a first cam and a second cam that are oppositely disposed, and a connection body; materials of both the first cam and the second cam include a wear-resistant material; and a first concave portion cooperating with the cam structure is disposed at one end of the cam body. The frame includes a first fastener and a second fastener that are oppositely disposed, and a connector; the first fastener is embedded into the first cam, and the second fastener is embedded into the second cam; extension directions of the first fastener in the first cam include at least the axial direction and the circumferential direction, and extension directions of the second fastener in the second cam include at least the axial direction and the circumferential direction; and the connector is embedded into the connection body. According to this application, wear resistance of the cam assembly can be improved while relatively high strength of the cam assembly is ensured.

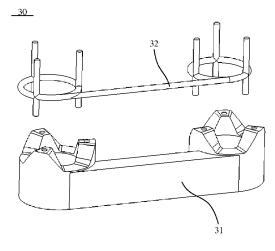


FIG. 6

EP 4 199 486 A8