



(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) 71

(48) Corrigendum issued on:
28.12.2022 Bulletin 2022/52

(43) Date of publication:
09.11.2022 Bulletin 2022/45

(21) Application number: **20910468.6**

(22) Date of filing: **20.07.2020**

(51) International Patent Classification (IPC):
A63C 17/02 (2006.01)

(52) Cooperative Patent Classification (CPC):
A63C 17/012; A63C 17/0033; A63C 17/015

(86) International application number:
PCT/JP2020/027989

(87) International publication number:
WO 2021/137273 (08.07.2021 Gazette 2021/27)

(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: **31.12.2019 JP 2019240108**

(71) Applicant: **Surpath Trading Co., Ltd.**
Chigasaki-shi, Kanagawa 253-0014 (JP)

(72) Inventor: **YAMADA, Tsutomu**
Kanagawa 253-0014 (JP)

(74) Representative: **Hoffmann Eitle**
Patent- und Rechtsanwälte PartmbB
Arabellastraße 30
81925 München (DE)

(54) **TRUCK STRUCTURE OF SKATEBOARD**

(57) [Problem] To enable a truck structure for a skateboard to bear the lengthwise direction of a pivot shaft by means of a cylindrical needle bearing, thus allowing a smooth steering angle operation based on body weight shifting.

[Solution] This invention is characterized in that: an upper through hole is formed in a support base, a lower end of the upper through hole being opened in an upper-side sliding contact surface of the support base, the upper through hole being configured to receive insertion of an upper portion of a pivot shaft; a lower through hole is formed in a rockable section, the lower through hole and the upper through hole being provided on the same axis, an upper end of the lower through hole being opened in contact with the upper-side sliding contact surface, the lower through hole being configured to receive insertion of a lower portion of the pivot shaft; an enlarged diameter hole section is provided in the lower through hole, the enlarged diameter hole section being configured to accommodate a needle bearing having a cylindrical shape, the needle bearing being fit to an outer side of at least a lower shaft portion of the pivot shaft; and the needle bearing having the cylindrical shape bears the lower shaft portion of the pivot shaft.

Fig. 1

