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(54) WEARABLE HEAD TRACKER

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D10/57; D24/187, 191
CPC .. A63F 9/02; A63F 9/0204; A63F 9/14; A63F
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See application file for complete search history.

(56) References Cited
U.S. PATENT DOCUMENTS
D526,320 S * 8/2006 Brandon D14/426
D531,632 S * 11/2006 Brandon D14/426
D710,362 S * 8/2014 Kaminsky D14/426

D777,165 S * 1/2017 Chen D14/426
D820,263 S * 6/2018 Rebello D14/426
D850,418 S * 6/2019 Su D14/223
D868,037 S * 11/2019 Zhuang D14/218
(Continued)

FOREIGN PATENT DOCUMENTS
JP D1729961 * 11/2022

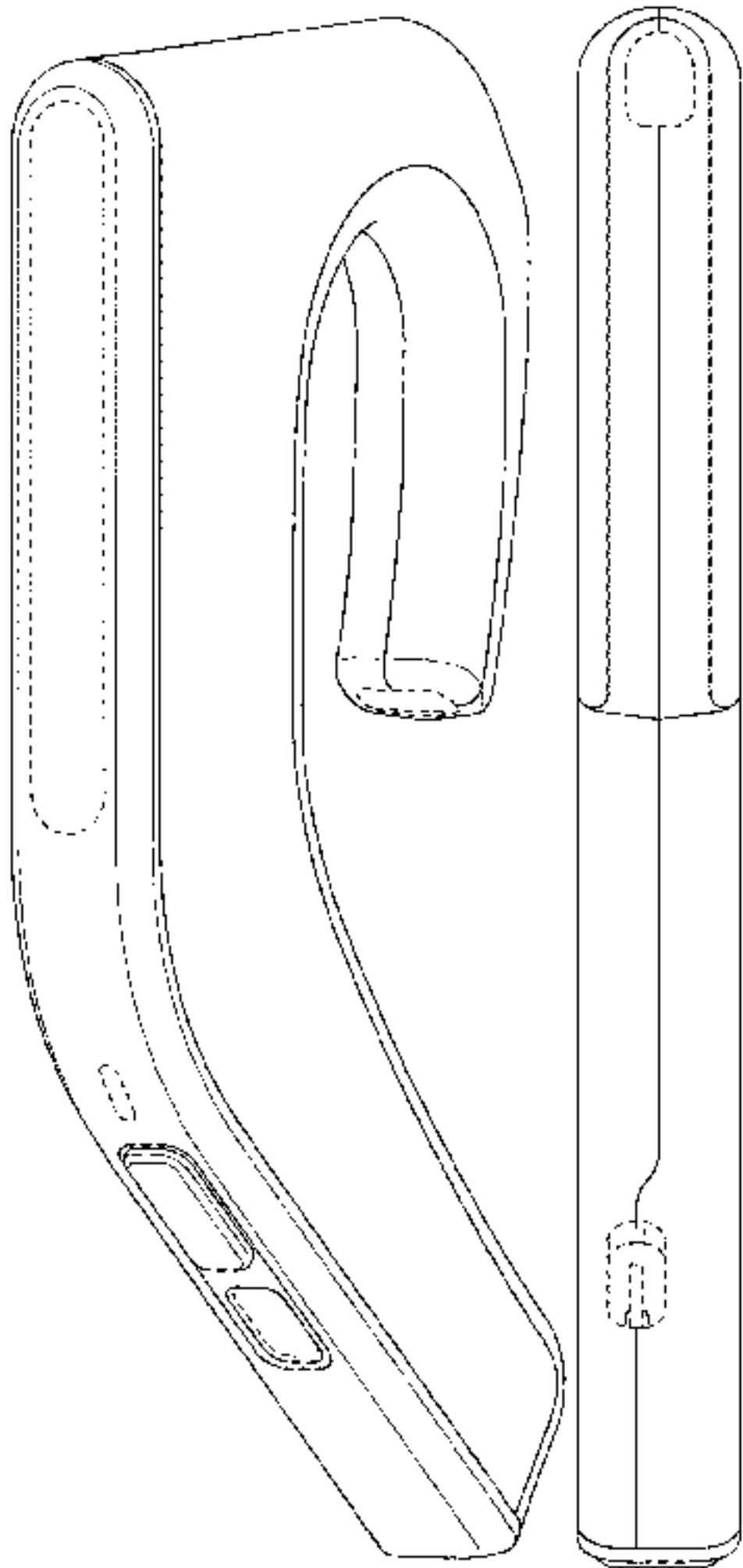
OTHER PUBLICATIONS
Track Clip Pro LED Head Tracker for TrackIr units, www.amazon.com, Dec. 23, 2014. <https://www.amazon.com/Track-Clip-Tracker-TrackIr-units/dp/B00QKRD4DM> (Year: 2014).*
(Continued)

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(57) CLAIM
The ornamental design for a wearable head tracker, as shown and described.

DESCRIPTION
1. Wearable head tracker
1.1 : Perspective
1.2 : Front
1.3 : Back
1.4 : Left
1.5 : Right
1.6 : Top
1.7 : Bottom
FIG. 1.1 is a perspective view of a wearable head tracker showing a new design; FIG. 1.2 is a front view thereof; FIG. 1.3 is a back view thereof; FIG. 1.4 is a left view thereof; FIG. 1.5 is a right view thereof; FIG. 1.6 is a top view thereof; and FIG. 1.7 is a bottom view thereof.
The broken lines in the reproductions illustrate portions of the wearable head tracker that form no part of the claimed design.

1 Claim, 7 Drawing Sheets



(56) **References Cited**

U.S. PATENT DOCUMENTS

D884,703	S	*	5/2020	Silver	.....	D14/426
D885,386	S	*	5/2020	Wei	.....	D21/333
D891,430	S	*	7/2020	Lee	.....	D21/333
D937,227	S	*	11/2021	Thomsen	.....	D14/218
D952,480	S	*	5/2022	Cong	.....	D10/57
D956,757	S	*	7/2022	Goh	.....	D14/426
D960,161	S	*	8/2022	Zhang	.....	D14/426
D961,415	S	*	8/2022	Su	.....	D10/57
D963,491	S	*	9/2022	Yi	.....	D10/57
D972,417	S	*	12/2022	Cao	.....	D10/57
D974,195	S	*	1/2023	Zhao	.....	D10/57
D975,553	S	*	1/2023	Yi	.....	D10/57
D977,344	S	*	2/2023	Li	.....	D10/57
D983,204	S	*	4/2023	Broderick	.....	D14/427
D983,205	S	*	4/2023	Broderick	.....	D14/427
D991,802	S	*	7/2023	Mizrahi	.....	D10/57
D993,046	S	*	7/2023	Li	.....	D10/57
D1,001,656	S	*	10/2023	Zhang	.....	D10/57
D1,013,541	S	*	2/2024	Cong	.....	D10/57

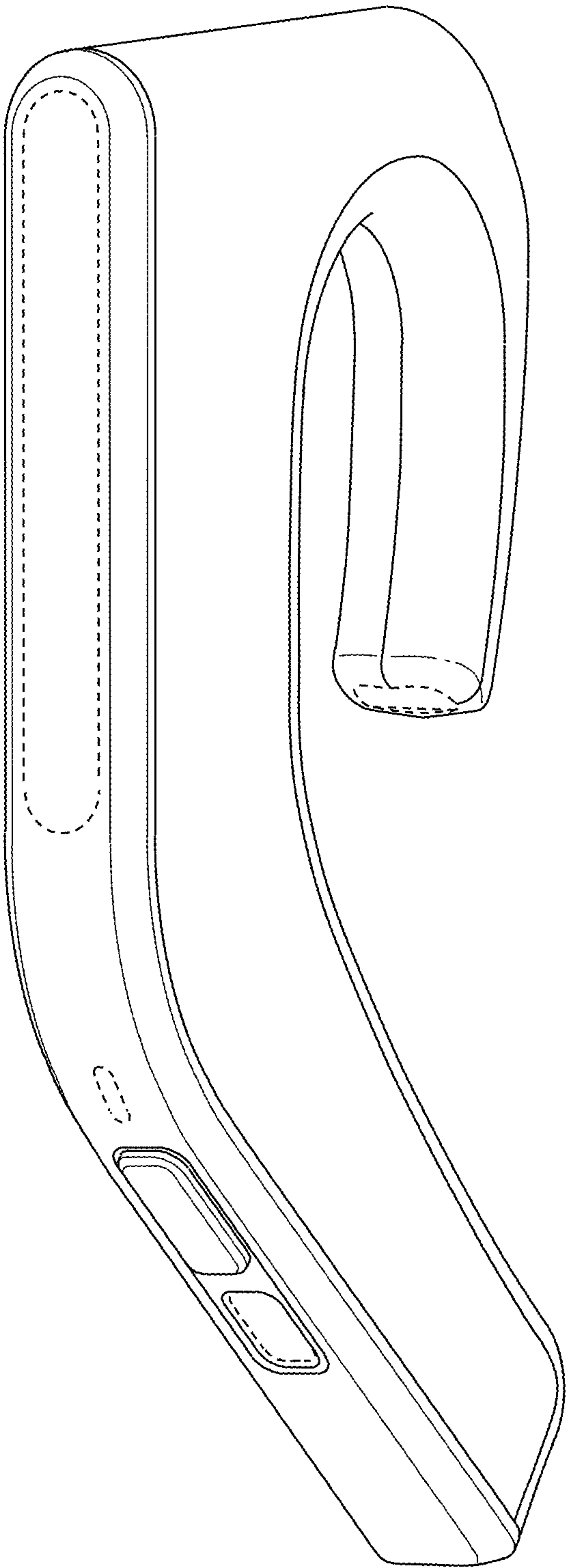
OTHER PUBLICATIONS

HTC Vive SteamVR Controller 1.0, [www.amazon.com](https://www.amazon.com/HTC-Vive-Controller-PC/dp/B01LYELB1S), Oct. 21, 2016. <https://www.amazon.com/HTC-Vive-Controller-PC/dp/B01LYELB1S> (Year: 2016).*

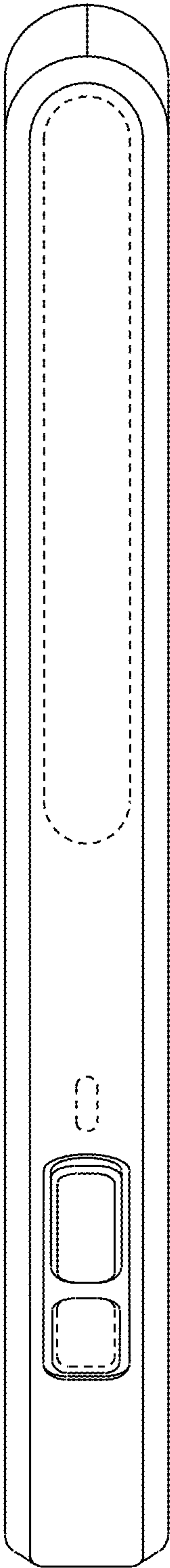
TrackIR 5 Head Tracking System for PC Gaming with IR High Resolution Trackclip Pro Bundle, [www.walmart.com](https://www.walmart.com/ip/TrackIR-5-Head-Tracking-System-for-PC-Gaming-with-IR-High-Resolution-Trackclip-Pro-Bundle/1579694195), Aug. 19, 2023. <https://www.walmart.com/ip/TrackIR-5-Head-Tracking-System-for-PC-Gaming-with-IR-High-Resolution-Trackclip-Pro-Bundle/1579694195> (Year: 2023).*

* cited by examiner

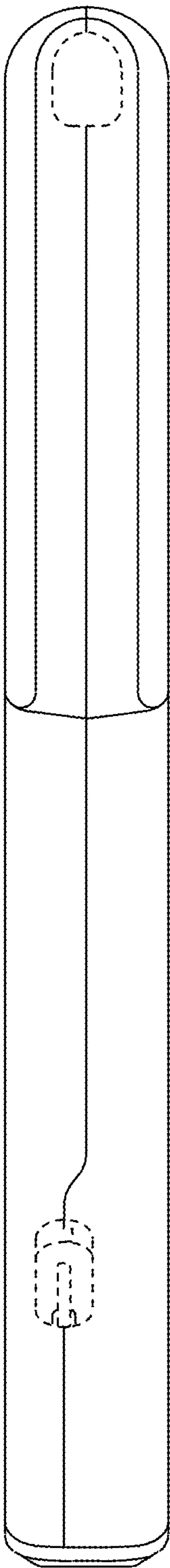
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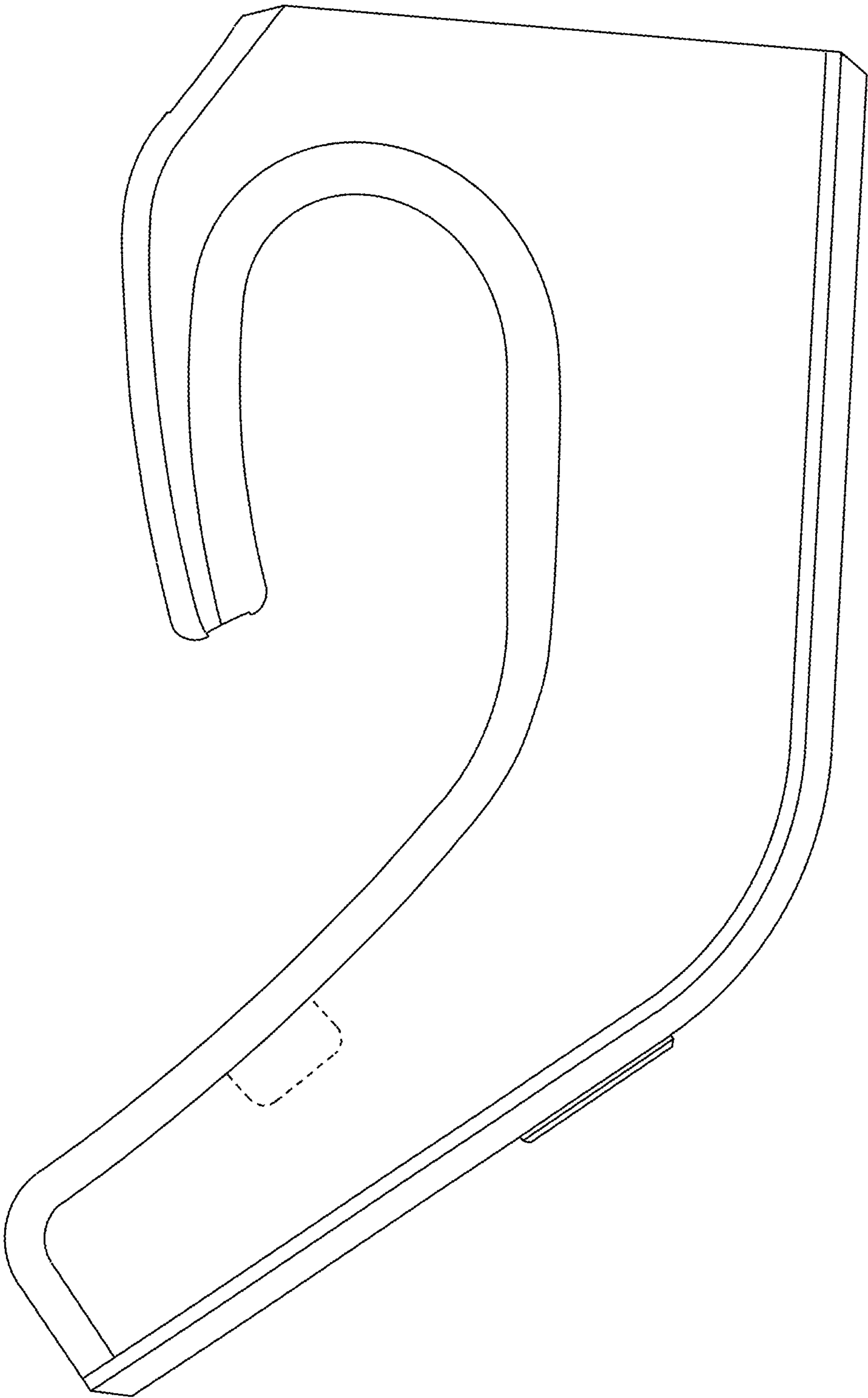
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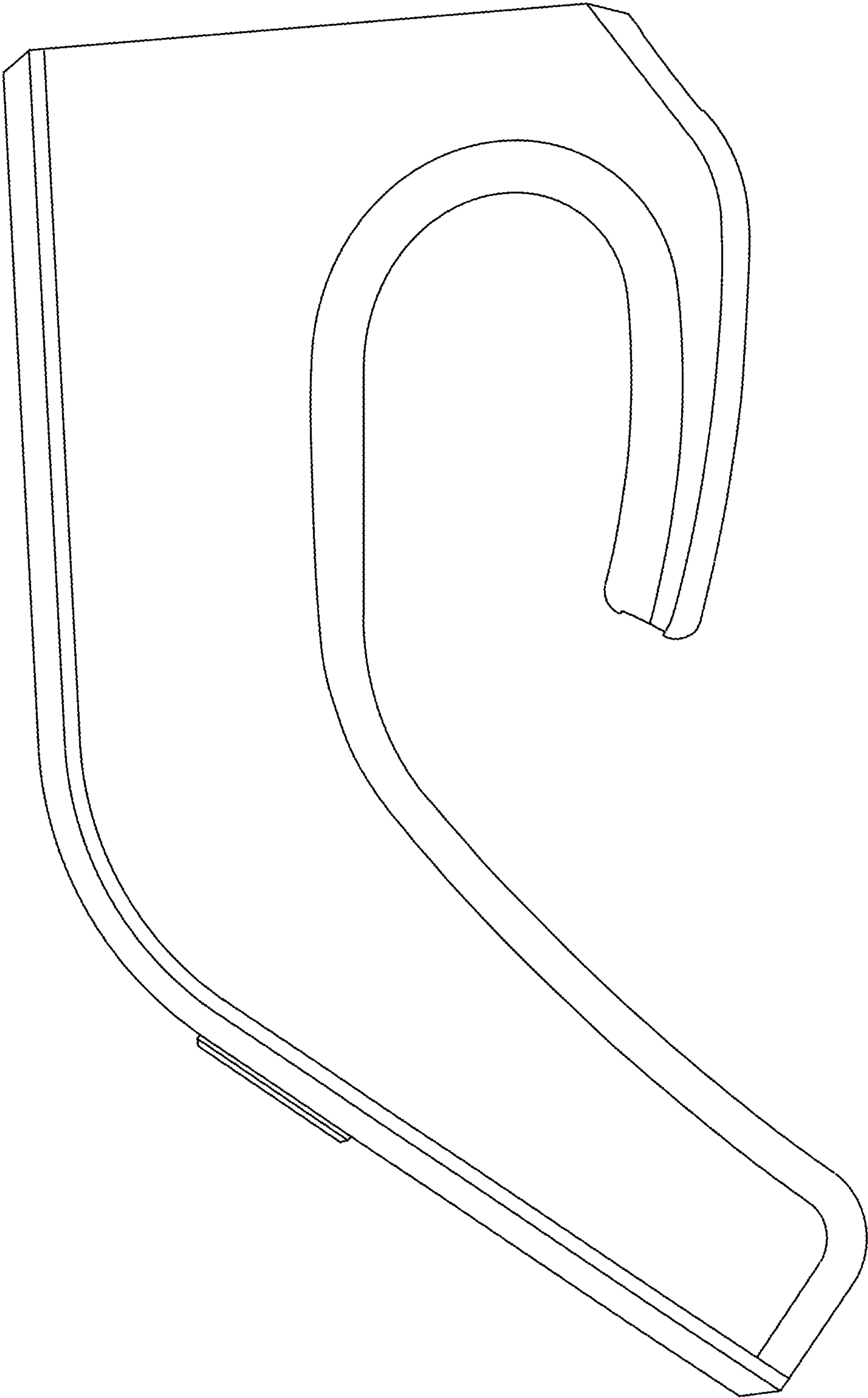
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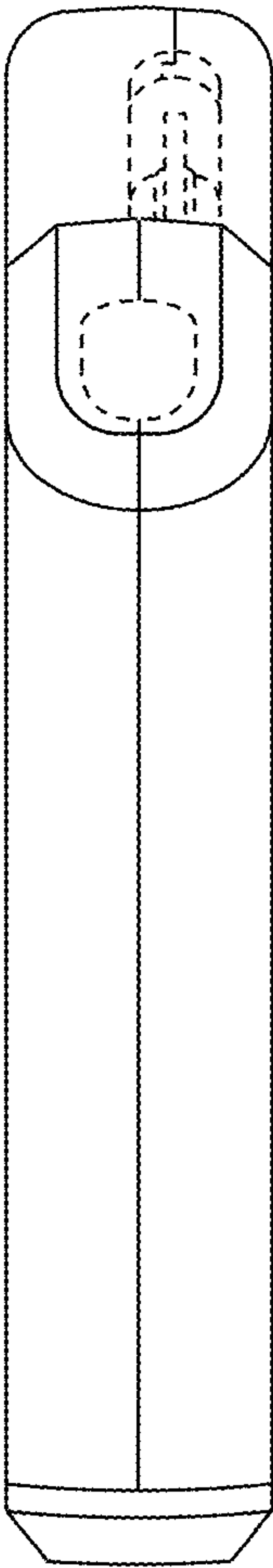
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1.5



1.6



1.7

