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(12) **United States Design Patent**
Tomm et al.

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(54) **TORQUE WRENCH**
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Felix Timm, Darmstadt (DE)
(**) Term: **15 Years**
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(52) **U.S. Cl.**
USPC **D8/25**
(58) **Field of Classification Search**
USPC D8/21, 22, 24, 25
CPC . B25B 23/1425; B25B 23/1427; B25G 1/005;
B25G 1/002
See application file for complete search history.

(56) **References Cited**
U.S. PATENT DOCUMENTS
D530,166 S * 10/2006 Becker B25B 23/1425
D8/24
D605,006 S * 12/2009 Shiao B25B 23/14
D8/107
D605,913 S * 12/2009 Hsieh B25B 23/1425
D8/24
D702,519 S * 4/2014 Lee B25B 23/16
D8/24

8,844,381 B2 * 9/2014 Gharib B25B 23/1425
81/479
D964,129 S * 9/2022 Shi B25B 23/1425
D8/24
2004/0255733 A1 * 12/2004 Reynertson, Jr. ... B25B 23/1425
81/467
2005/0072278 A1 * 4/2005 Cutler B25B 23/1425
81/467
2005/0160885 A1 * 7/2005 Lai B25B 23/1425
81/429
2005/0223857 A1 * 10/2005 Reynertson B25B 23/14
81/479
2008/0156111 A1 * 7/2008 Shiao B25B 23/1425
73/862.23
2008/0295654 A1 * 12/2008 Wu B25B 23/1425
81/467

(Continued)

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Assistant Examiner — Benjamin D. Wannemacher

(57) **CLAIM**

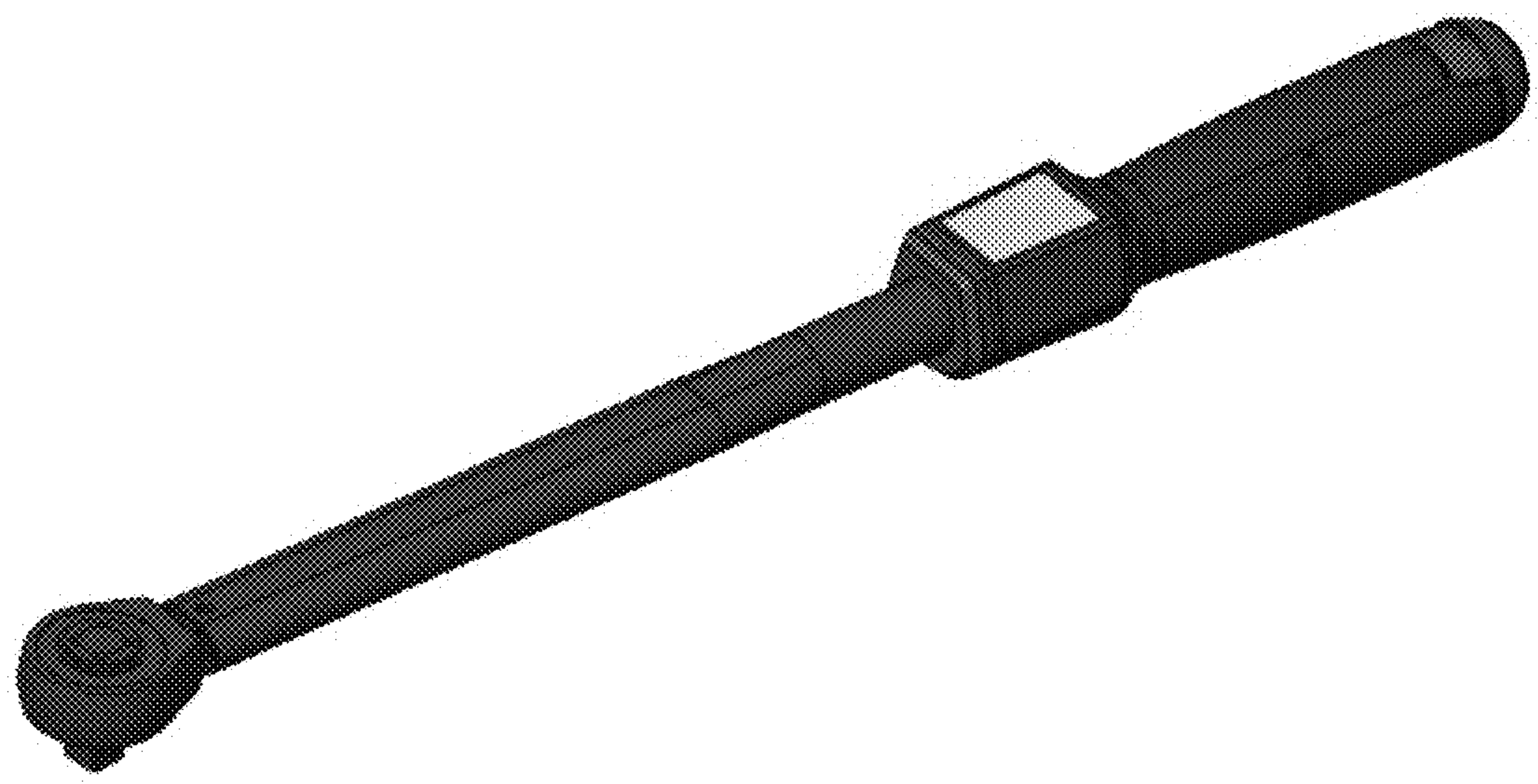
The ornamental design for a torque wrench, as shown and described.

DESCRIPTION

The patent or application file contains at least one drawing executed in color. Copies of this patent or patent application publication with color drawing(s) will be provided by the Office upon request and payment of the necessary fee.

1. Torque wrench
FIG. 1.1 is a top plan view of the torque wrench showing our new design;
FIG. 1.2 is a right-side elevation view thereof;
FIG. 1.3 is a left-side elevation view thereof;
FIG. 1.4 is a bottom plan view thereof;
FIG. 1.5 is a front elevation view thereof;
FIG. 1.6 is a rear elevation view thereof;
FIG. 1.7 is a top, front, right-side perspective view thereof.

1 Claim, 7 Drawing Sheets
(7 of 7 Drawing Sheet(s) Filed in Color)



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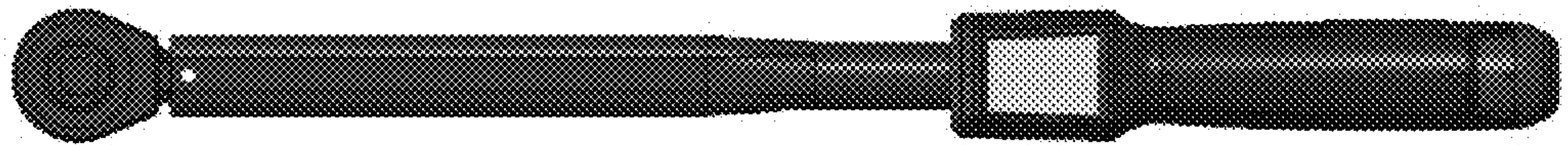
References Cited

U.S. PATENT DOCUMENTS

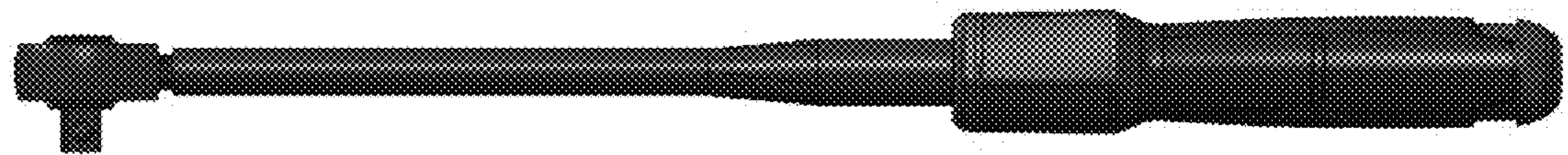
2012/0255405 A1* 10/2012 Chang B25G 1/043
81/479
2013/0249700 A1* 9/2013 Hsieh B25B 23/1425
340/665
2019/0126450 A1* 5/2019 Gauthier B25B 23/1427
2020/0180127 A1* 6/2020 Hsieh B25B 23/1425
2020/0238488 A1* 7/2020 Hsieh B25B 23/16
2021/0176880 A1* 6/2021 Hsieh B25B 23/1425
2021/0193978 A1* 6/2021 Hsieh B25B 23/142
2022/0241942 A1* 8/2022 Blay G01L 3/10
2022/0250218 A1* 8/2022 Chiang B25B 23/1427
2022/0297268 A1* 9/2022 Lai B25B 23/1425

* cited by examiner

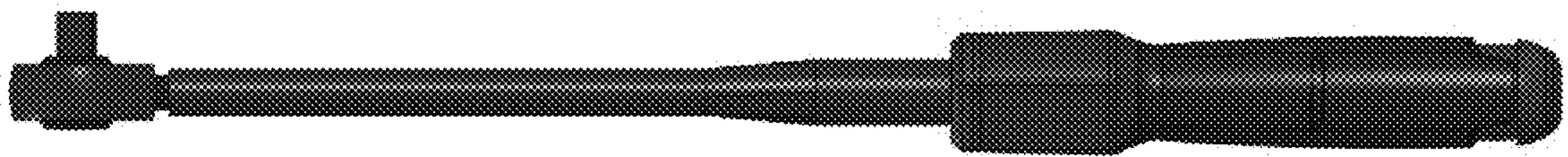
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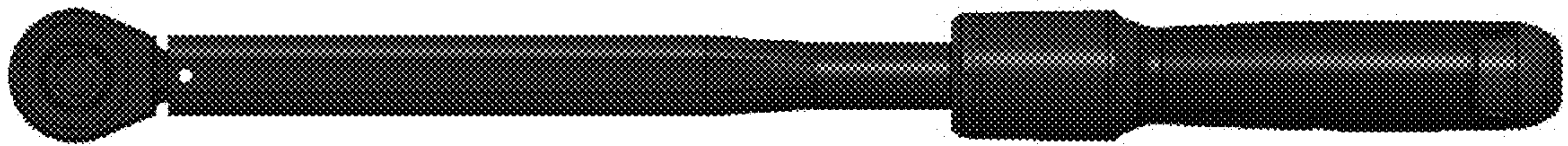
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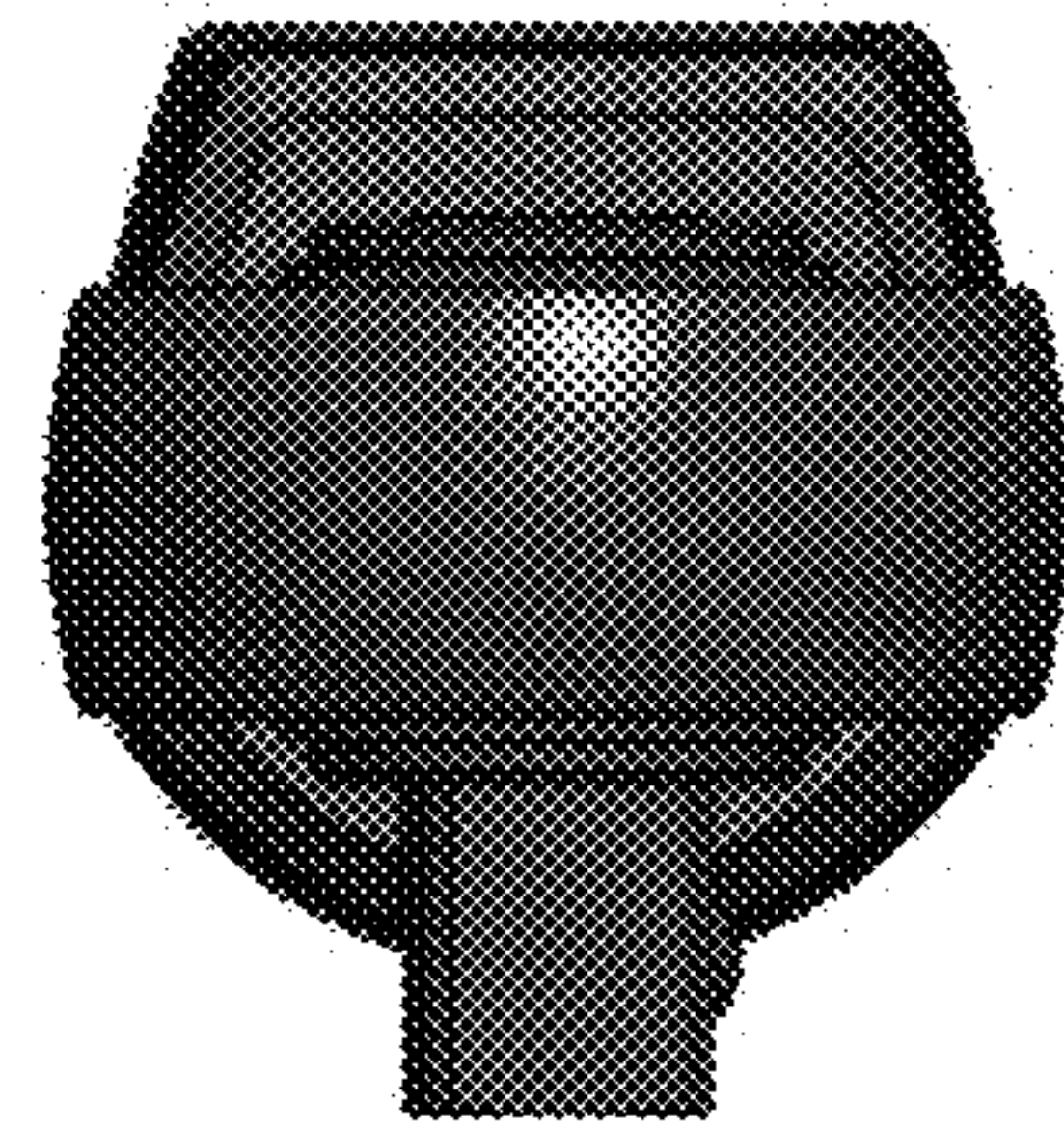
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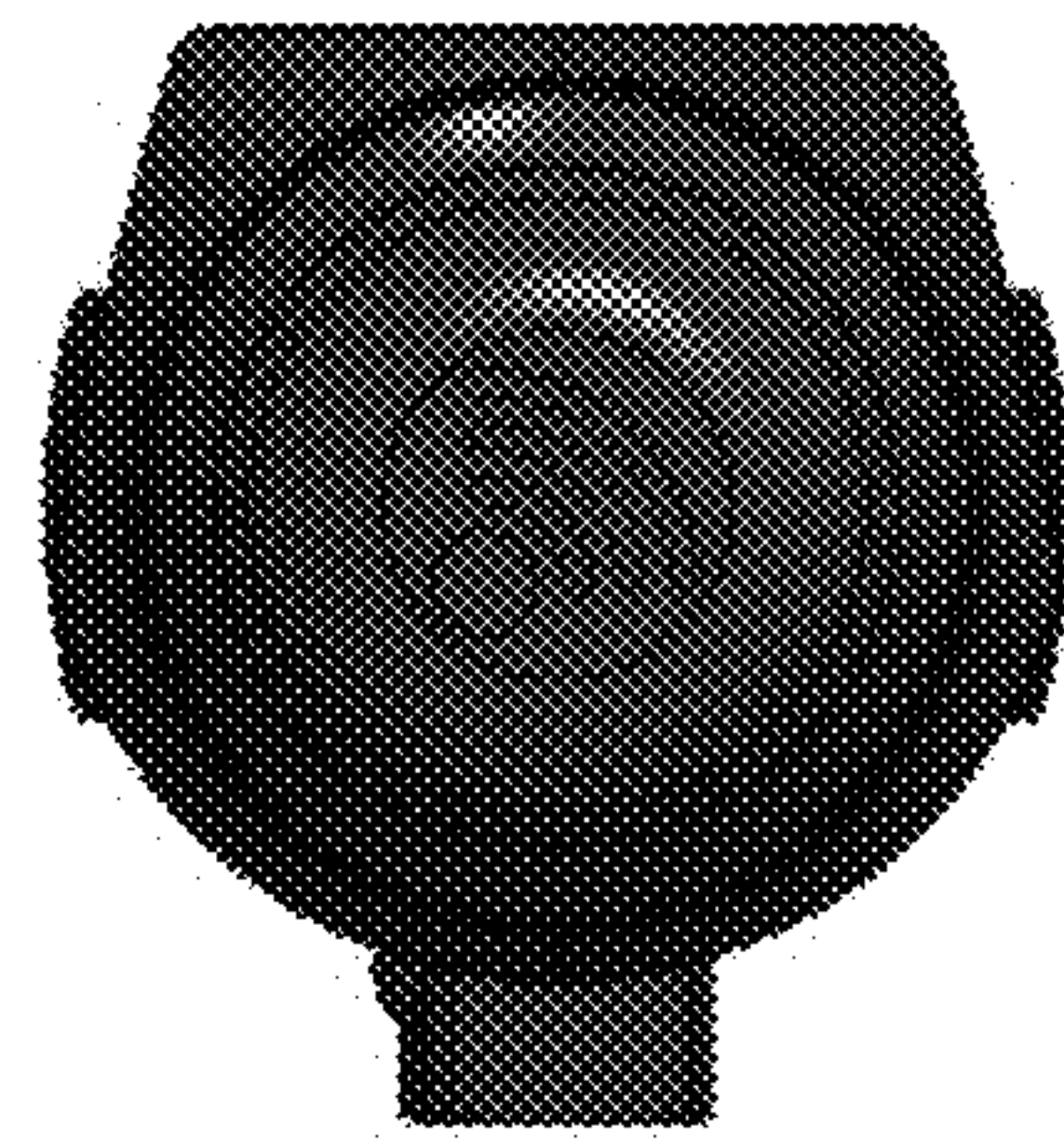
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1.5



1.6



1.7

