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

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(54) **HEADLIGHT**

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**Related U.S. Application Data**

(62) Division of application No. 29/727,387, filed on Mar. 10, 2020, now abandoned.

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(58) **Field of Classification Search**  
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CPC ..... F16M 11/10; F16M 11/02; F16M 11/20;  
F16M 11/40; G08B 13/19619; F21L  
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(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

1,711,480 A \* 4/1929 Halvorson, Jr. .... F21S 8/00  
362/311.06  
2,123,483 A \* 7/1938 Langille ..... D05B 79/00  
362/306

(Continued)

FOREIGN PATENT DOCUMENTS

CN 304370015 \* 11/2017  
CN 305337609 \* 1/2019

(Continued)

OTHER PUBLICATIONS

YouTube Search: "ARRI Lighting Keynote 2019", video date Sep. 10, 2019 [online], [site visited Jun. 16, 2022]: <URL:https://www.youtube.com/watch?v=5LFavR-FQ8s> (Year: 2019).\*

(Continued)

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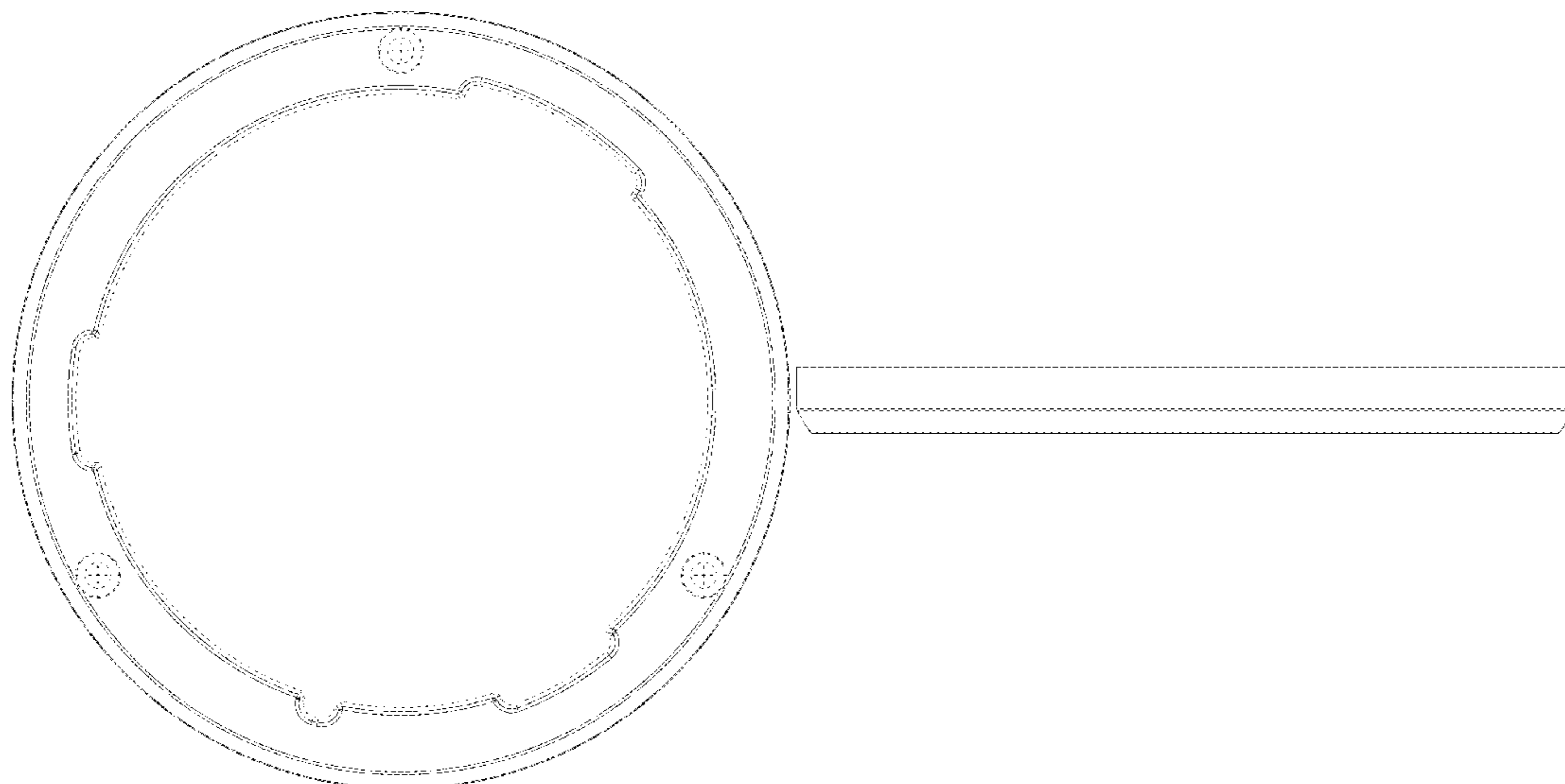
(57) **CLAIM**

We claim the ornamental design for a headlight, as shown and described.

**DESCRIPTION**

FIG. 1 is an upper front view of a headlight according to our new design;  
FIG. 2 is a top view thereof with the bottom view thereof being a mirror image of FIG. 2; and,  
FIG. 3 is a left-side view thereof with the right-side view thereof being a mirror image of FIG. 3.  
The broken lines illustrate portions of the headlight that form no part of the claimed design.

**1 Claim, 2 Drawing Sheets**



(58) **Field of Classification Search**

CPC .... 4/02; F21L 4/025; F21L 4/027; F21L 4/04;  
 F21L 4/08; F21L 2005/00; F21L 7/00;  
 F21L 11/00; F21L 13/00; F21L 13/04;  
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See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,260,991 A \* 10/1941 Gorey ..... G03B 3/02  
 359/827  
 2,504,866 A \* 4/1950 Morse ..... B63B 45/02  
 362/477  
 D217,540 S 5/1970 Weise  
 3,535,504 A 10/1970 Beal  
 4,037,680 A \* 7/1977 Grove ..... B60K 17/306  
 280/86.753  
 4,391,005 A \* 7/1983 Goettl ..... E04H 4/169  
 239/66  
 4,408,264 A 10/1983 Decker  
 4,478,492 A \* 10/1984 Ando ..... G03B 17/14  
 359/828  
 D277,454 S 2/1985 Meinhardt  
 4,627,699 A \* 12/1986 Takagi ..... G02B 7/08  
 396/89  
 4,659,203 A \* 4/1987 Niwa ..... G02B 7/14  
 396/531  
 4,816,857 A 3/1989 Blaschek  
 4,924,364 A 5/1990 Pannier  
 5,125,779 A 6/1992 Hallock  
 D367,418 S \* 2/1996 Lathrop ..... D8/349  
 D390,859 S \* 2/1998 Nojima ..... D16/217  
 D412,005 S \* 7/1999 Matsushita ..... D16/209  
 D426,335 S \* 6/2000 Kulterer ..... D26/63  
 D441,779 S \* 5/2001 Akabane ..... D16/217  
 D446,875 S 8/2001 Leen  
 6,979,107 B1 \* 12/2005 Benensohn ..... F21S 8/04  
 362/147  
 D520,856 S 5/2006 Osiecki  
 D532,684 S \* 11/2006 Barnes ..... D8/397  
 D574,104 S \* 7/2008 Sanoner ..... D26/67  
 7,874,747 B2 \* 1/2011 Ueda ..... G03B 17/14  
 396/530  
 8,068,168 B2 \* 11/2011 Haubmann ..... G03B 17/18  
 348/335  
 D658,325 S 4/2012 Inskip  
 D671,668 S \* 11/2012 Rowlette, Jr. .... D26/74  
 D674,127 S \* 1/2013 Rowlette, Jr. .... D26/74  
 D683,063 S \* 5/2013 Lopez ..... D26/113  
 D683,890 S \* 6/2013 Lopez ..... D26/113  
 D694,456 S \* 11/2013 Rowlette, Jr. .... D26/74  
 D696,452 S 12/2013 Gordin  
 8,678,676 B2 3/2014 Scholz  
 D702,279 S 4/2014 Zhan  
 D707,868 S 6/2014 Lee  
 D708,656 S 7/2014 Shapir  
 D735,908 S \* 8/2015 Ko ..... D26/28  
 9,109,783 B1 \* 8/2015 Davis ..... F21S 8/02  
 D776,186 S 1/2017 Gammons  
 D776,519 S 1/2017 Almaglouth  
 D788,341 S 5/2017 Inskip  
 D791,394 S \* 7/2017 Rashidi Doust ..... D26/113  
 D813,431 S 3/2018 Cacciabeve  
 D819,436 S 6/2018 Park  
 D827,699 S 9/2018 Dispenza  
 10,114,276 B2 10/2018 Kobayashi  
 D837,277 S 1/2019 Ikegame  
 D844,424 S 4/2019 MacDonald  
 10,571,102 B1 2/2020 Yuyao

10,571,778 B2 2/2020 Fujimura  
 D886,179 S 6/2020 Möller  
 D888,136 S \* 6/2020 Handler ..... D16/237  
 10,809,604 B2 10/2020 Yoshikawa  
 D905,261 S \* 12/2020 Shenfarber ..... A61N 5/0616  
 D24/209  
 D911,581 S \* 2/2021 Xiong ..... D26/106  
 10,930,821 B2 2/2021 Furuyama  
 11,125,421 B2 9/2021 Cacciabeve  
 D956,340 S \* 6/2022 Möller ..... D26/118  
 2001/0053289 A1 \* 12/2001 Imanari ..... B29C 33/12  
 396/531  
 2007/0041722 A1 2/2007 Fong  
 2008/0080190 A1 \* 4/2008 Walczak ..... F21V 14/02  
 362/373  
 2009/0225547 A1 9/2009 Moser  
 2012/0070141 A1 \* 3/2012 Scholz ..... G03B 17/565  
 396/342  
 2013/0033872 A1 \* 2/2013 Randolph ..... F21V 29/89  
 362/311.06  
 2021/0003260 A1 \* 1/2021 Roberts ..... H05B 47/12  
 2021/0310636 A1 \* 10/2021 Melzner ..... F21V 9/08  
 2021/0381680 A1 12/2021 Jiang  
 2022/0178524 A1 \* 6/2022 Bai ..... F21V 15/02

FOREIGN PATENT DOCUMENTS

CN 305060570 \* 3/2019  
 CN 306142044 \* 9/2019  
 CN 305735497 \* 4/2020  
 CN 306142044 \* 10/2020  
 CN 306142045 \* 10/2020  
 CN 306224249 \* 12/2020  
 CN 306551504 \* 5/2021  
 CN 306704942 \* 7/2021  
 CN 306965330 \* 11/2021  
 CN 307054916 \* 1/2022  
 JP D1449631 \* 8/2012

OTHER PUBLICATIONS

Blackmagic URSA Mini Pro B4 Mount Adapter, product availability unknown [online], no video/pictured review [online], [site visited Jun. 16, 2022]:<URL:https://www.nefal.tv/en/blackmagic-ursa-mini-pro-b4-mount-adapter-9425> (Year: 2022).\*

Adaptimax Nikon to 1/3" Bayonet Adapter, product availability unknown [online], no video/pictured review [online], [site visited Jun. 16, 2022]:URL:<https://www.bhphotovideo.com/c/product/687082-REG/Adaptimax\_APANZ7\_Nikon\_Lens\_w\_External.html> (Year: 2022).\*

Century Precision Optics, product availability unknown [online], no video/pictured review [online], [site visited Jun. 16, 2022]:URL:<https://www.bhphotovideo.com/c/product/657784-REG/Century\_Precision\_Optics\_0LA\_N13M\_00\_0LA\_N13M\_00\_Nikon\_to\_1\_3.html> (Year: 2022).\*

FotodioX Pro Lens Mount Adapter, product availability unknown [online], no video/pictured review [online], [site visited Jun. 16, 2022]: URL:<https://www.bhphotovideo.com/c/product/1063489-REG/fotodioX\_lm\_snyf3\_pro\_pro\_lens\_mount\_adapter.html> (Year: 2022).\*

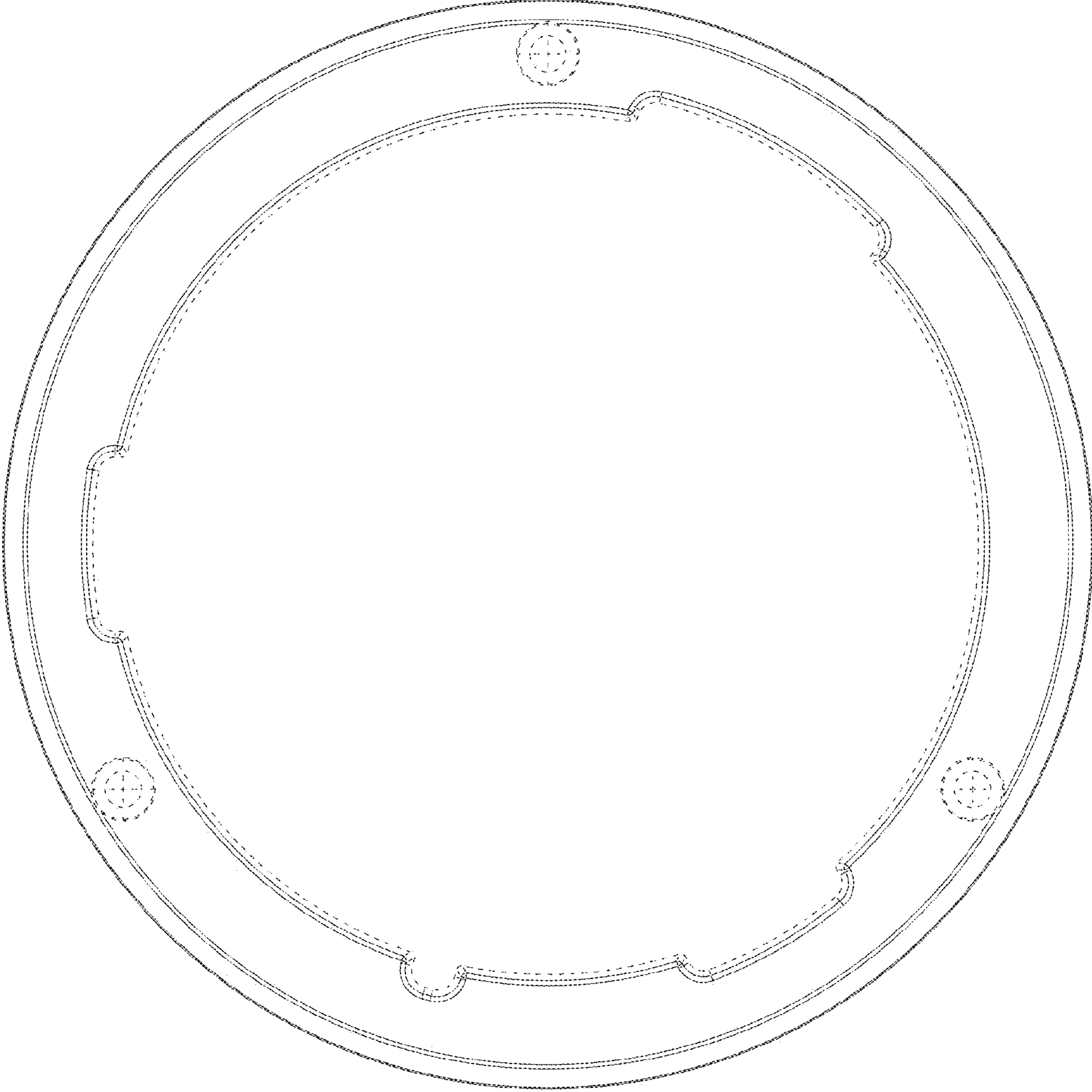
Bayonet Mount, Oct. 4, 2015, <URL:https://www.nefal.tv/en/blackmagic-ursa-mini-pro-b4-mount-adapter-9425>.

Blackmagic URSA Mini Pro B4 Mount Adapter, Dec. 20, 2021 <URL:https://www.nefal.tv/en/blackmagic-ursa-mini-pro-b4-mount-adapter-9425>.

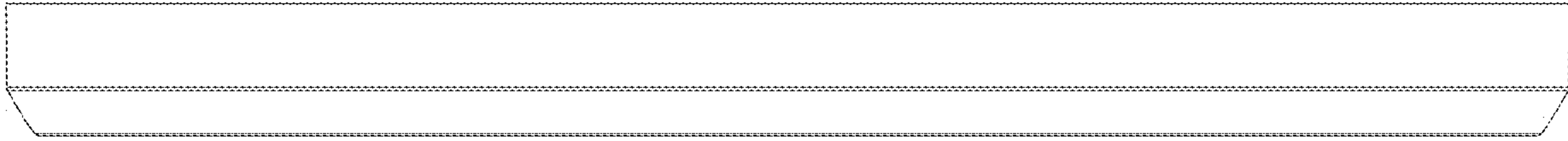
Google Search: "Bayonet Mount" Dec. 20, 2021, <URL:https://www.google.com/search?q=bayonet+mount&tbm=isch&ictx=1&rbs=ring:CcSrKDoeYueWlGjEqyg6hmLnlioSccSrKDoeYueWEBp8z8vjbl>.

YouTube Search: "ARRI Lighting Keynote 2019" video date Sep. 10, 2019 [online], [site visited Dec. 14, 2021]: <URL:https://www.youtube.com/watch?v=5LFavR-FQ8s> (Year: 2019).

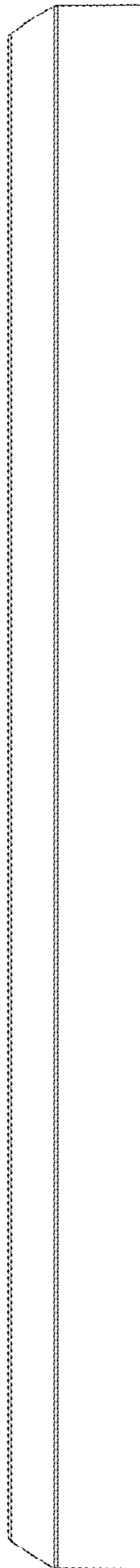
\* cited by examiner



**FIG. 1**



**FIG. 2**



**FIG. 3**