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**Noguchi et al.**

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(54) **ATOMIZER FOR INHALER**

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(52) **U.S. Cl.**  
USPC ..... **D24/110**

(58) **Field of Classification Search**  
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D24/164  
CPC ..... A61M 11/005; A61M 11/00; A61M  
15/0085; A61M 15/00; A61M 16/0003;  
A61M 11/02; A61M 11/04; A61M 15/0065;  
A61M 15/0005  
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,287,847 A \* 2/1994 Piper ..... B05B 7/0012  
128/200.18

D550,835 S \* 9/2007 Tanaka ..... D24/110

D665,073 S \* 8/2012 Inoue ..... D24/110

8,616,195 B2 \* 12/2013 Power ..... A61M 15/0085  
128/200.14

D709,178 S \* 7/2014 Tanaka ..... D24/110

D709,179 S \* 7/2014 Inoue ..... D24/110

2003/0197068 A1 \* 10/2003 Abate ..... A61M 11/06  
239/338

2005/0081845 A1 \* 4/2005 Barney ..... A61M 15/0028  
128/200.16

2008/0283050 A1 \* 11/2008 Faram ..... A61M 11/02  
128/200.21

2009/0050138 A1 \* 2/2009 Hamaguchi ..... A61M 11/06  
128/200.14

2010/0147292 A1 \* 6/2010 Hamaguchi ..... A61M 11/02  
128/200.23

2010/0319687 A1 \* 12/2010 Esaki ..... A61M 11/06  
128/200.23

2012/0227735 A1 \* 9/2012 Abate ..... A61M 11/06  
128/200.14

2012/0266872 A1 \* 10/2012 Tanaka ..... A61M 11/06  
128/200.21

2013/0037020 A1 \* 2/2013 Tanaka ..... A61M 11/06  
128/200.18

2014/0048062 A1 \* 2/2014 Faram ..... A61M 11/00  
128/200.18

2014/0261401 A1 \* 9/2014 Esaki ..... A61M 11/06  
128/200.21

2014/0263740 A1 \* 9/2014 Esaki ..... A61M 11/06  
239/302

2015/0107595 A1 \* 4/2015 Potter ..... A61M 16/00  
128/205.24

\* cited by examiner

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(57) **CLAIM**  
The ornamental design for an atomizer for inhaler, as shown and described.

**DESCRIPTION**

FIG. 1 is a rear, top, and left side perspective view of an atomizer for inhaler showing our new design; FIG. 2 is a rear, bottom, and left side perspective view thereof; FIG. 3 is a rear, top, and right side perspective view thereof; FIG. 4 is a front view thereof; FIG. 5 is a rear view thereof; FIG. 6 is a top view thereof; FIG. 7 is a bottom view thereof; FIG. 8 is a right side view thereof; and, FIG. 9 is a left side view thereof.  
The atomizer for inhaler is fabricated from translucent materials. The dark background in FIGS. 1-9 is used for contrast only and does not constitute any portion of the claimed design.

**1 Claim, 9 Drawing Sheets**



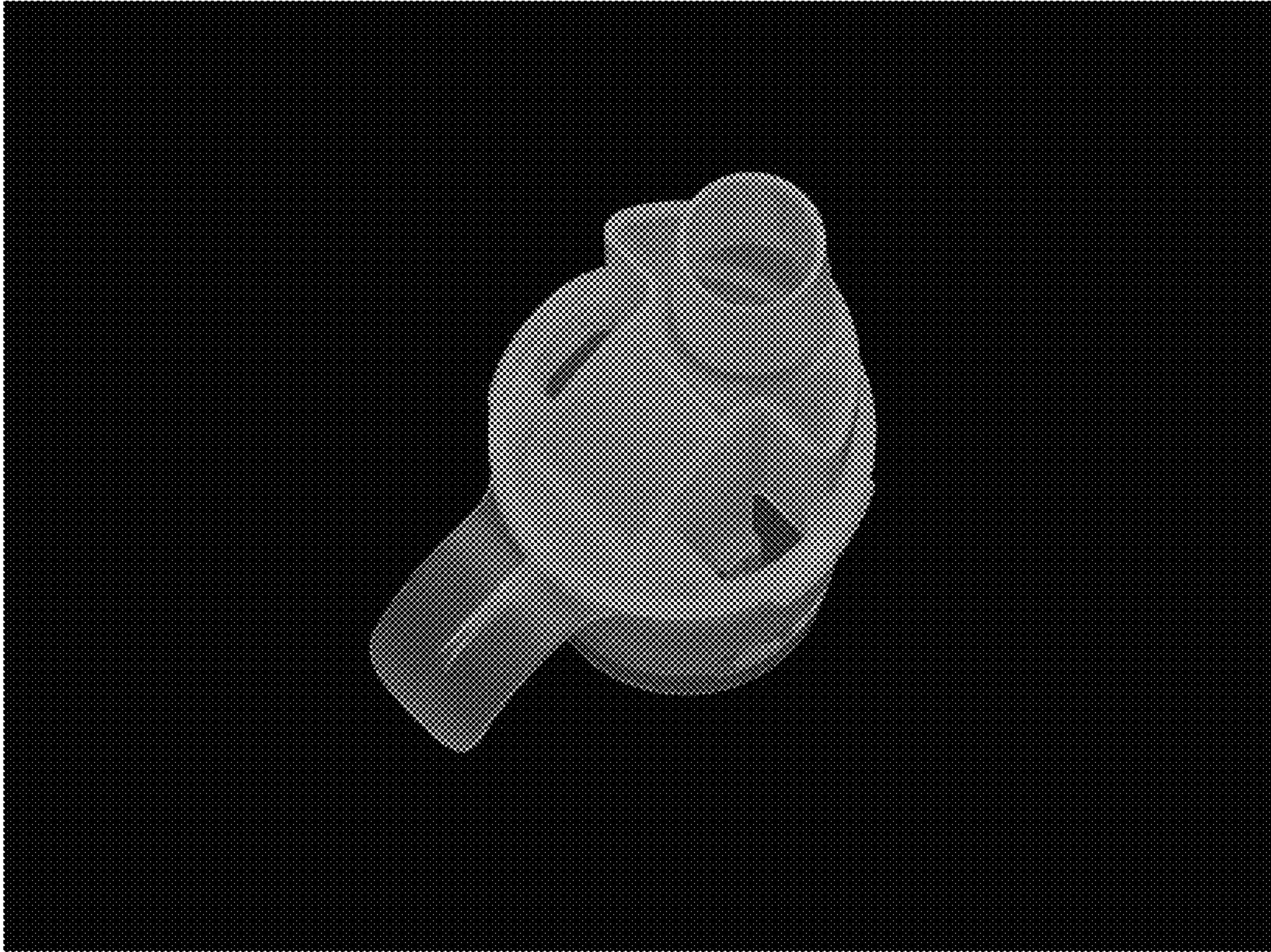


FIG.1



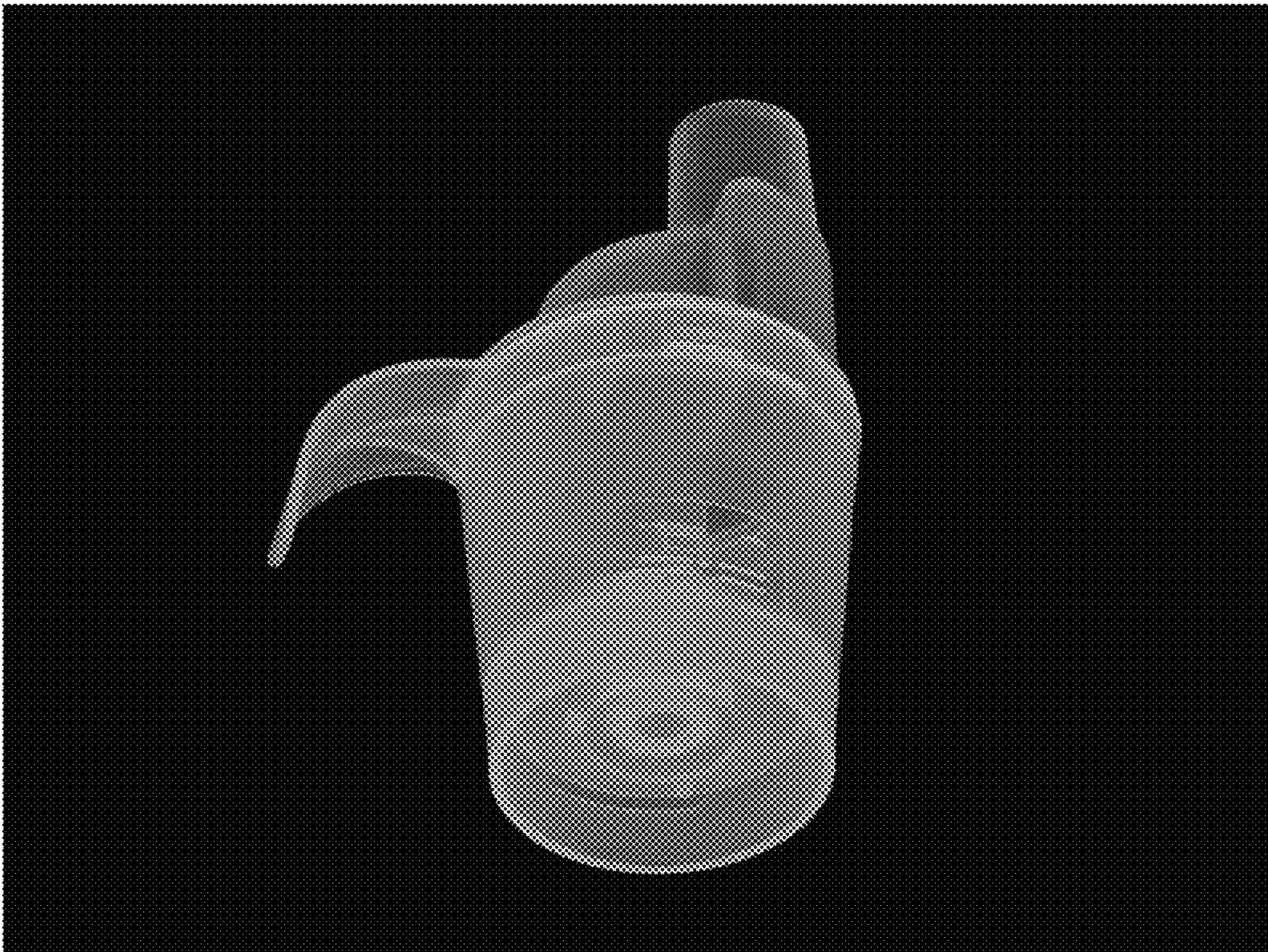


FIG.2



FIG.3





FIG.4

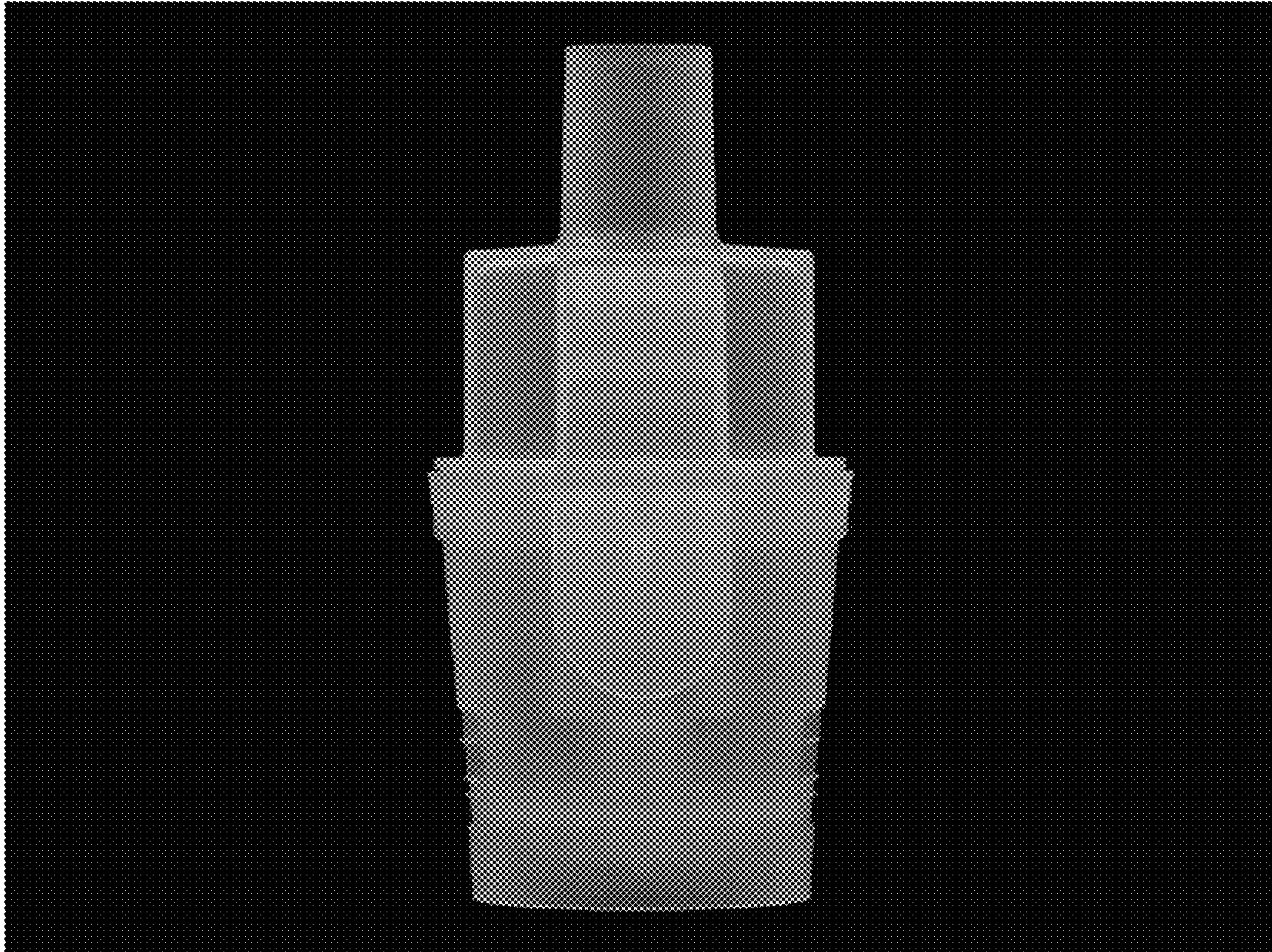


FIG.5

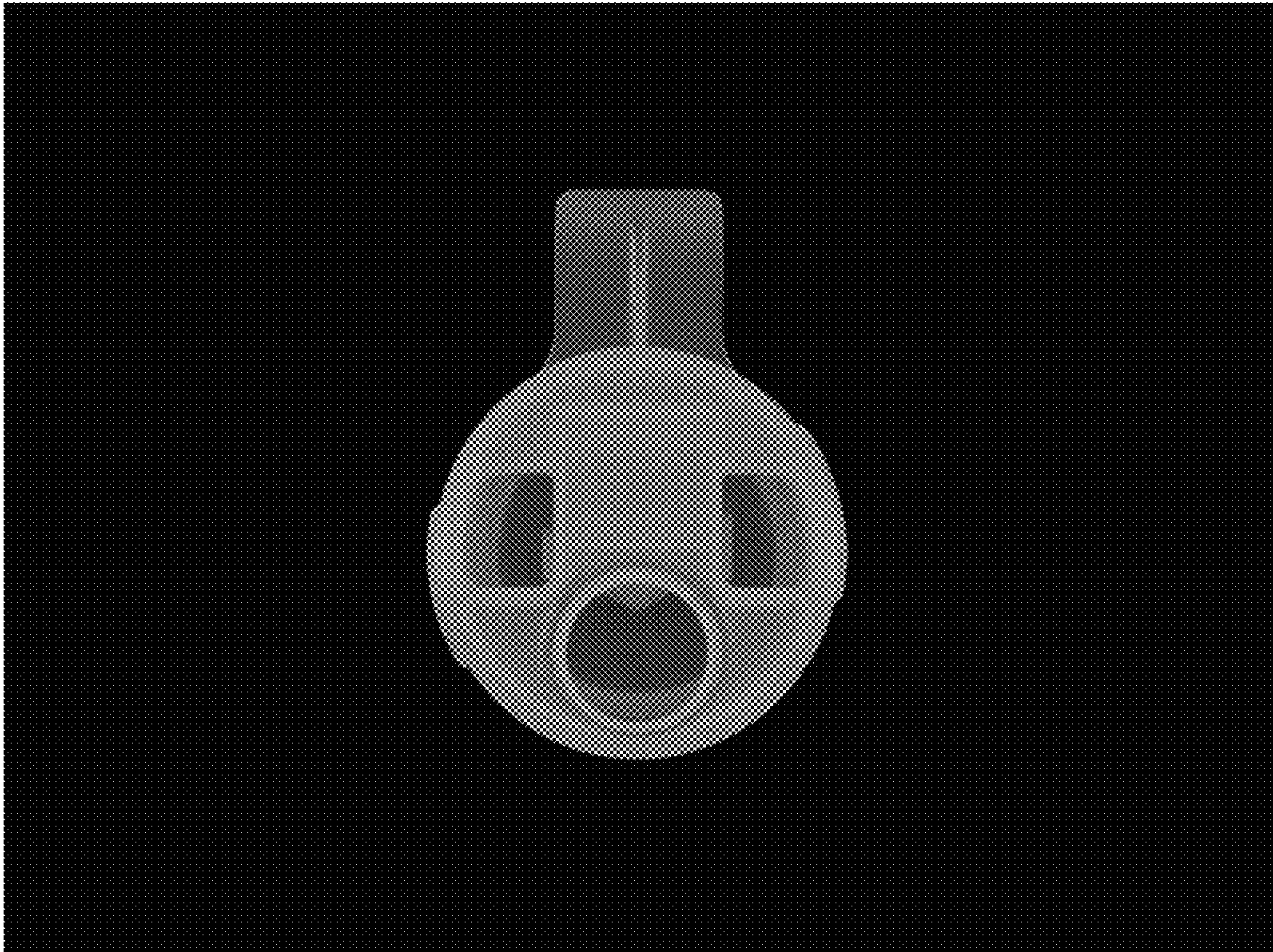


FIG.6





FIG.7



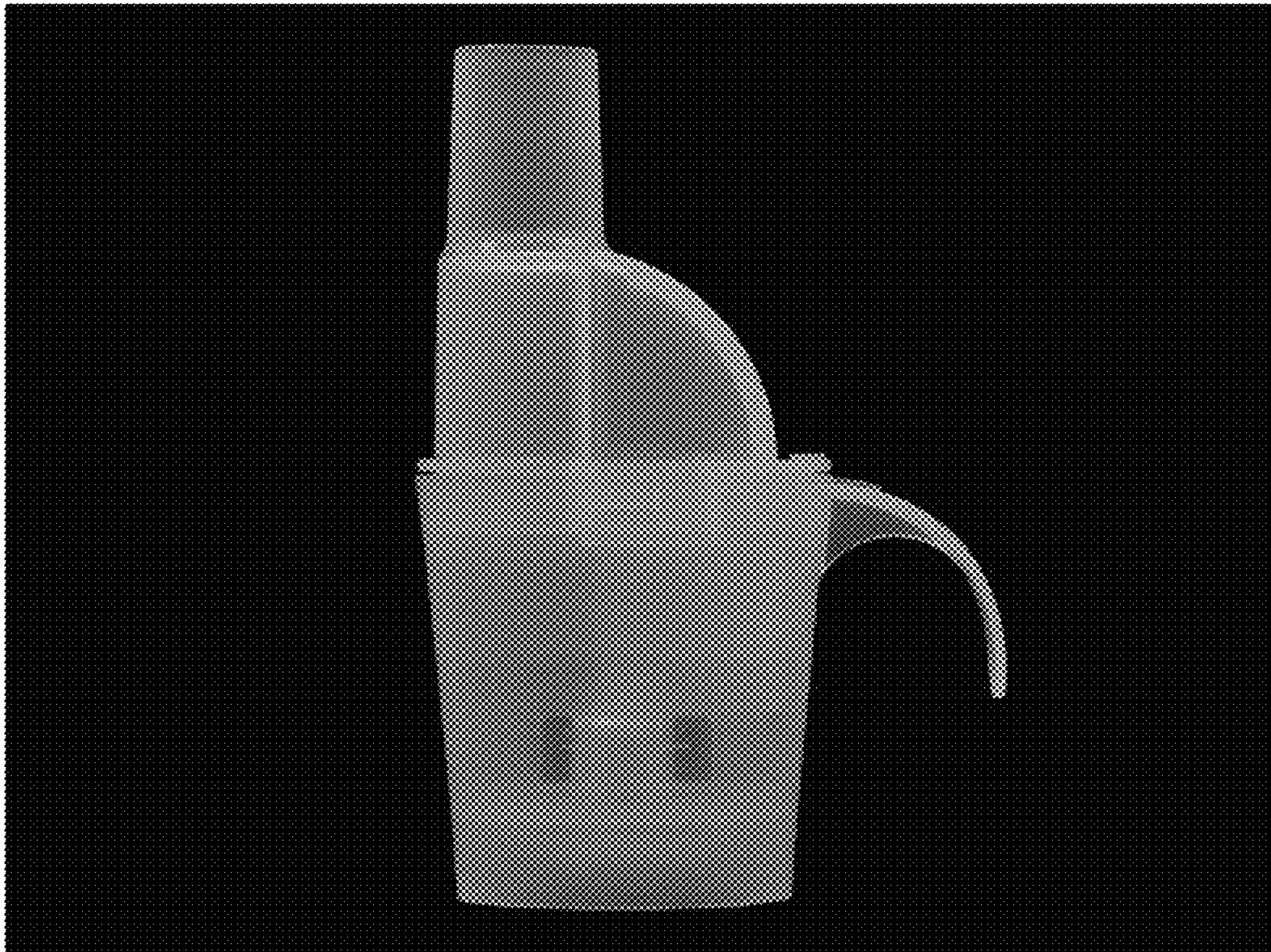


FIG.8



FIG.9