



US00D781729S

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

(10) **Patent No.:** **US D781,729 S**  
(45) **Date of Patent:** **\*\* Mar. 21, 2017**

(54) **SURVEYING AND POSITIONING APPARATUS**

8,897,482 B2 \* 11/2014 Mein ..... G01C 1/04  
382/100  
D723,953 S \* 3/2015 Ishii ..... D10/66

(71) Applicant: **Aselsan Elektronik Sanayi ve Ticaret Anonim Sirketi**, Ankara (TR)

\* cited by examiner

(72) Inventors: **Dunya Rauf Levent Guner**, Ankara (TR); **Mustafa Ozgur Atesoglu**, Ankara (TR); **Alper Demir**, Ankara (TR); **Onur Guner**, Ankara (TR); **Murat Eren**, Ankara (TR); **Alper Ozturk**, Ankara (TR)

*Primary Examiner* — Antoine D Davis

(74) *Attorney, Agent, or Firm* — Gokalp Bayramoglu

(73) Assignee: **Aselsan Elektronik Sanayi ve Ticaret Anonim Sirketi**, Ankara (TR)

(57) **CLAIM**

The ornamental design for surveying and positioning apparatus, as shown and described.

(\*\*) Term: **15 Years**

**DESCRIPTION**

(21) Appl. No.: **29/542,109**

(22) Filed: **Oct. 10, 2015**

(51) **LOC (10) Cl.** ..... **10-04**

(52) **U.S. Cl.**  
USPC ..... **D10/66**

(58) **Field of Classification Search**  
USPC ..... D10/66  
CPC ... G01C 1/00; G01C 1/02; G01C 1/04; G01C 1/06; G01C 1/08; G01C 1/10; G01C 1/12; G01C 1/14

See application file for complete search history.

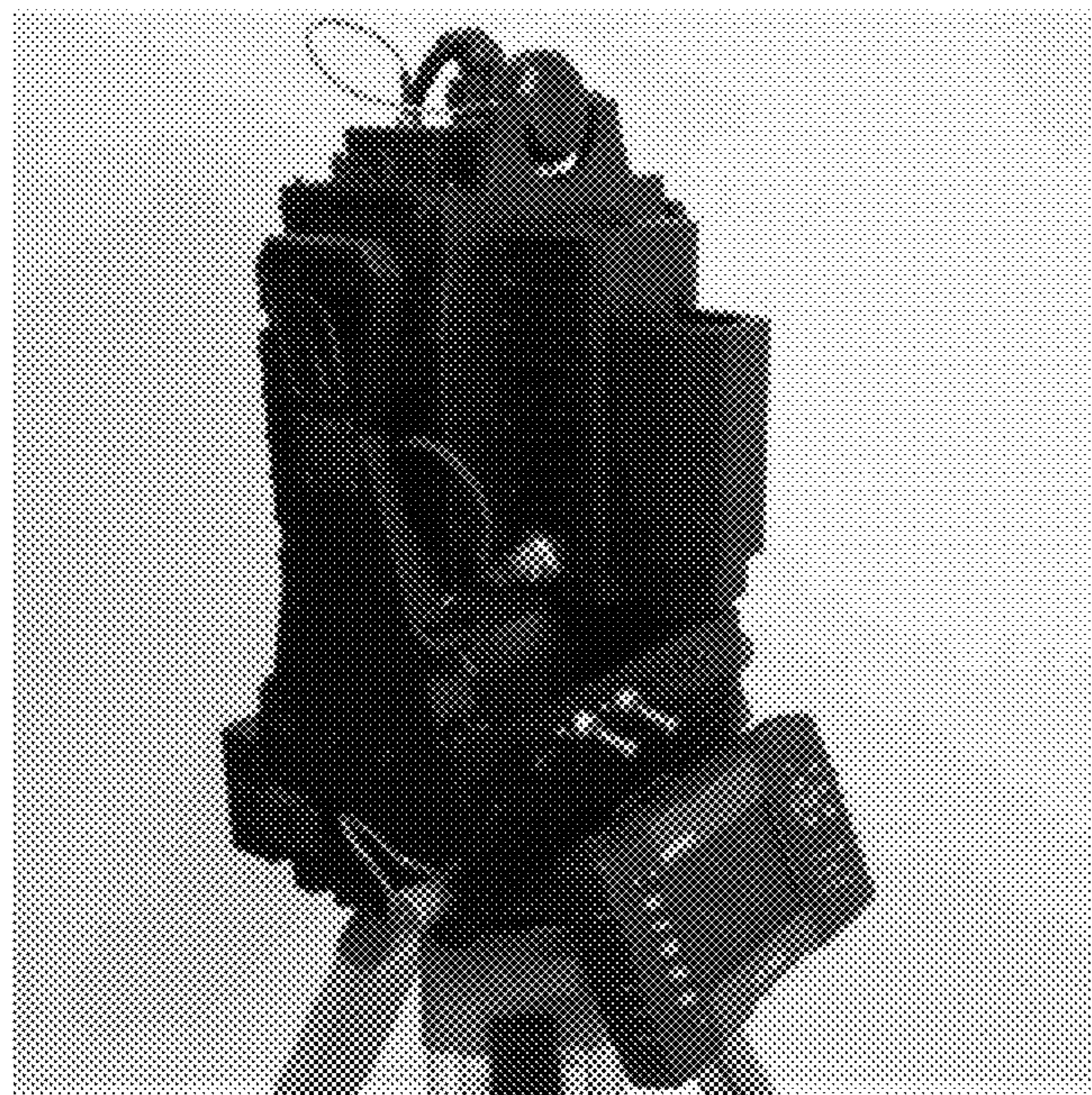
FIG. 1 is a front view of the surveying and positioning apparatus;  
FIG. 2 is a rear view of the surveying and positioning apparatus;  
FIG. 3 is a side view of the surveying and positioning apparatus;  
FIG. 4 is another side view of the surveying and positioning apparatus;  
FIG. 5 is a front view of the surveying and positioning apparatus after the top part is rotated by 90°;  
FIG. 6 is a rear view of the surveying and positioning apparatus after the top part is rotated by 90°;  
FIG. 7 is a side view of the surveying and positioning apparatus after the top part is rotated by 90°; and,  
FIG. 8 is another side view of the surveying and positioning apparatus after the top part is rotated by 90°.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D684,068 S \* 6/2013 Ishii ..... D10/66  
D684,069 S \* 6/2013 Ishii ..... D10/66

**1 Claim, 8 Drawing Sheets**



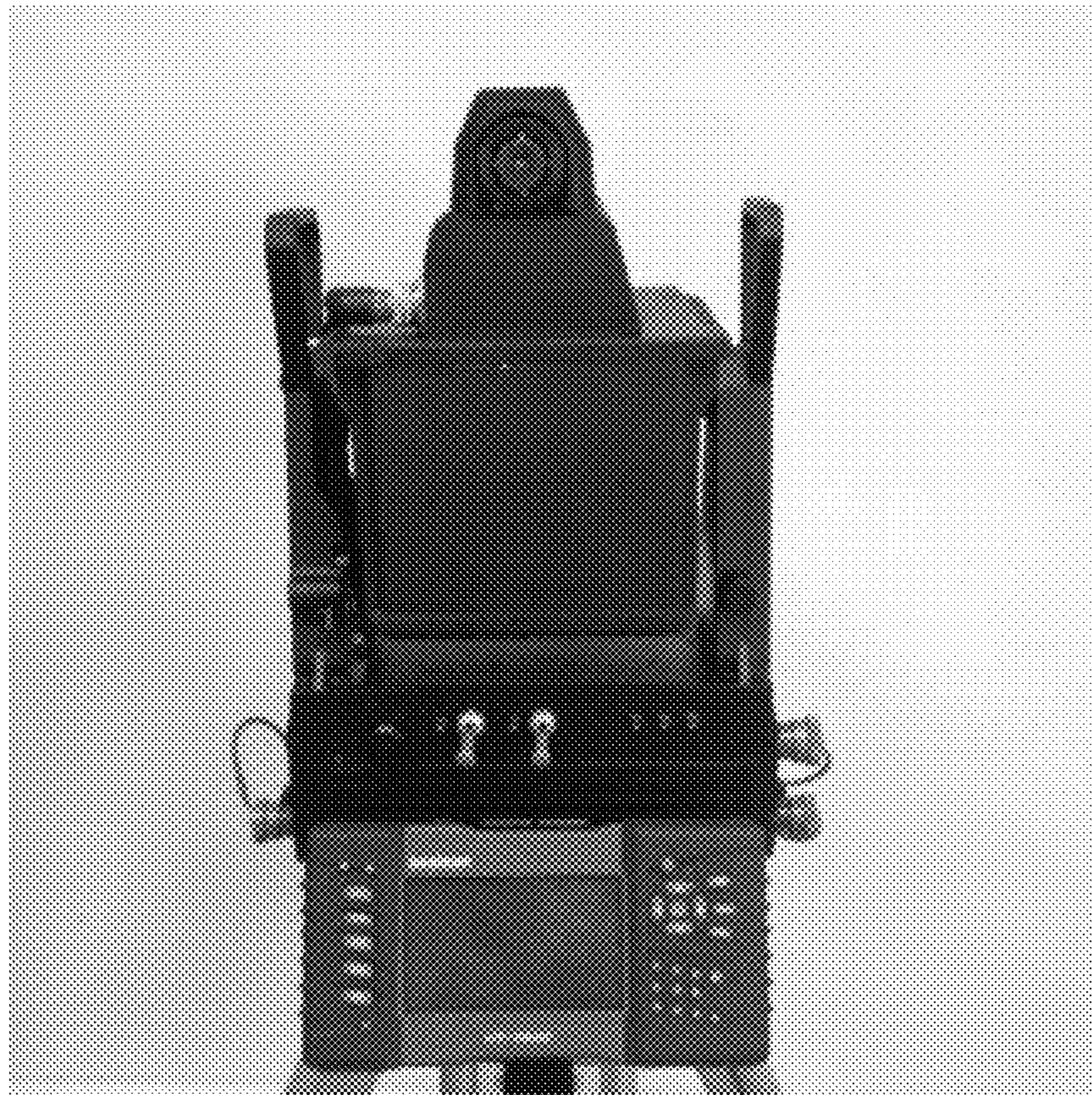


FIG. 1

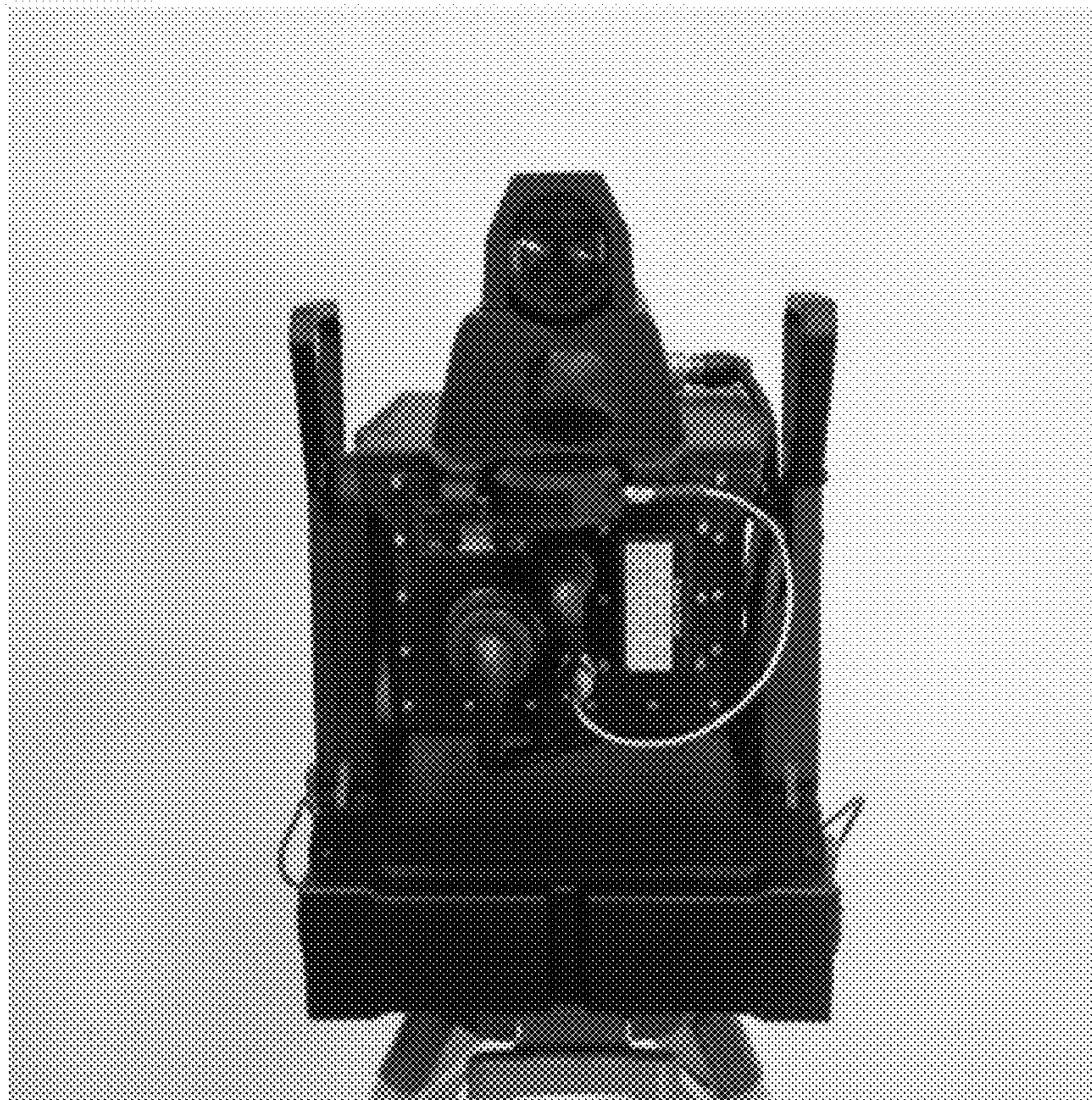


FIG. 2



FIG. 3

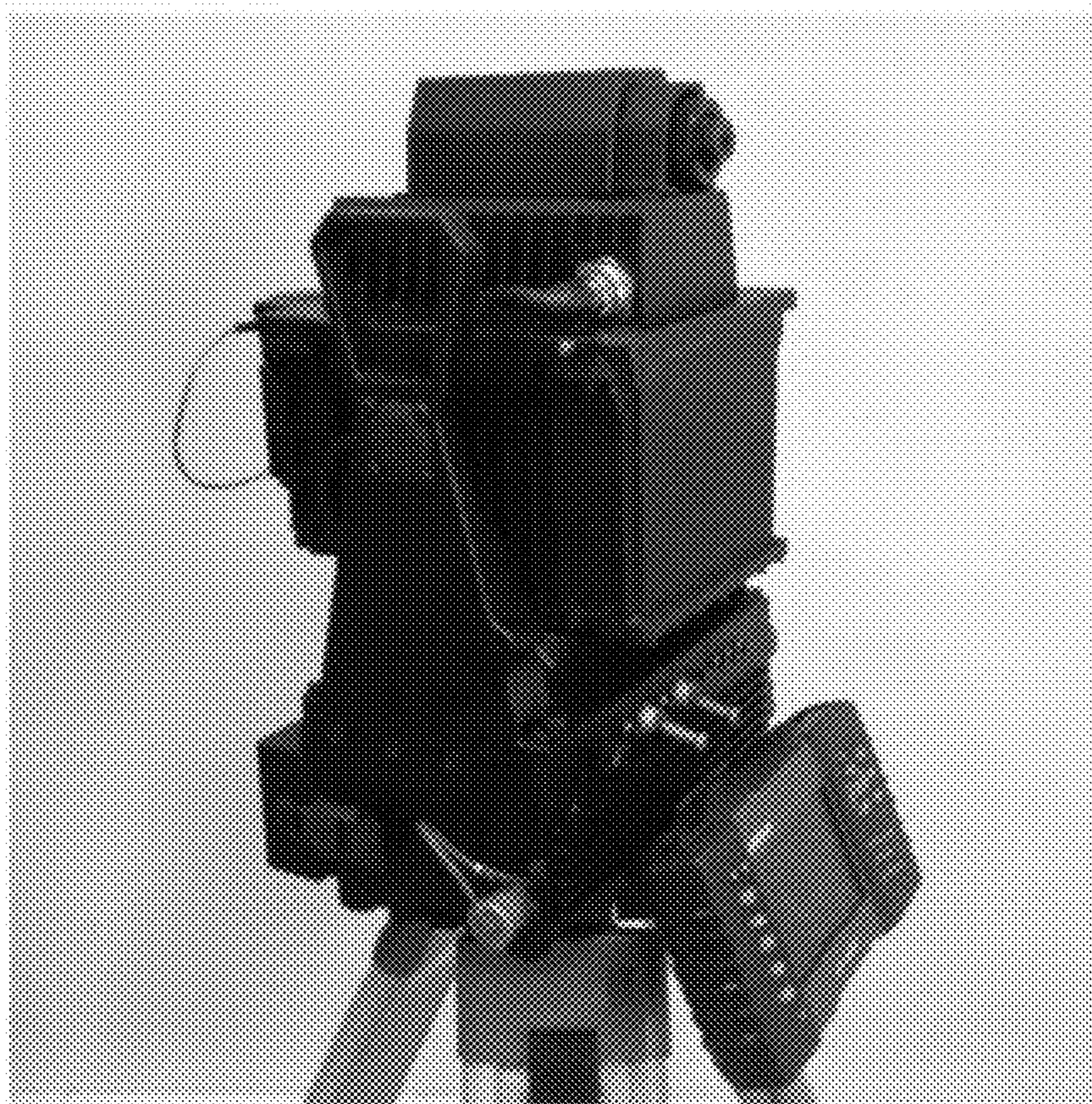


FIG. 4

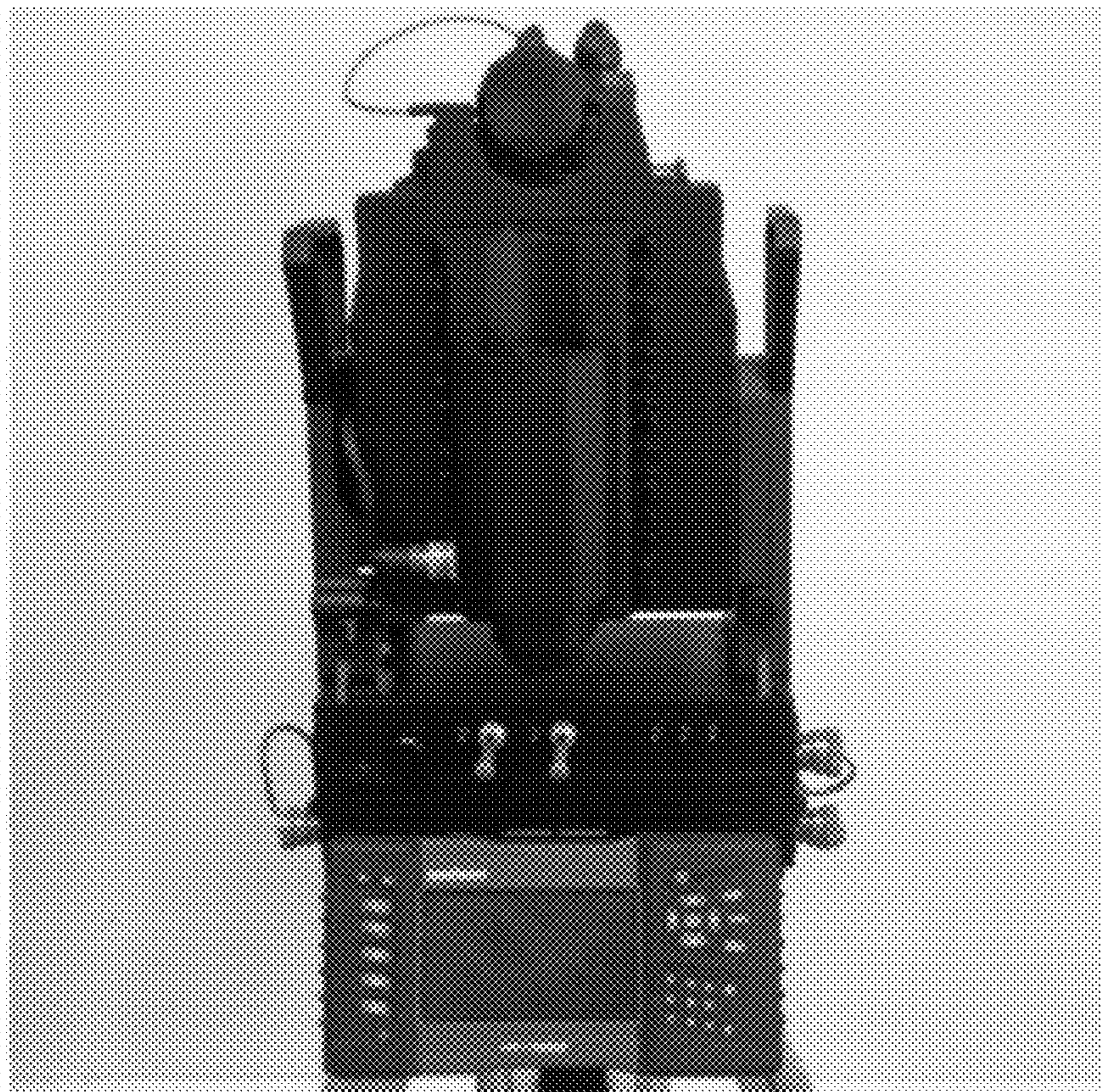


FIG. 5

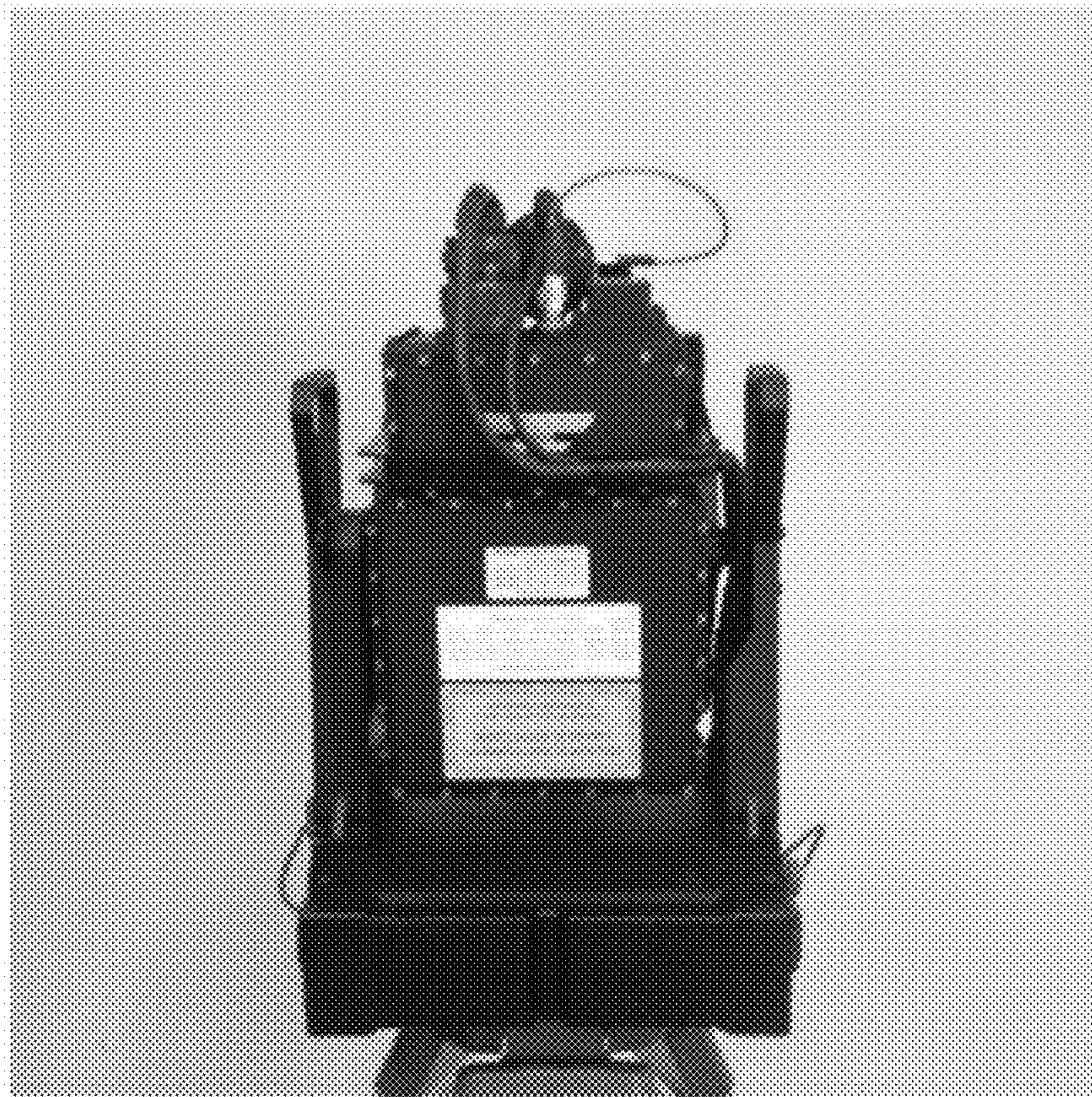


FIG. 6

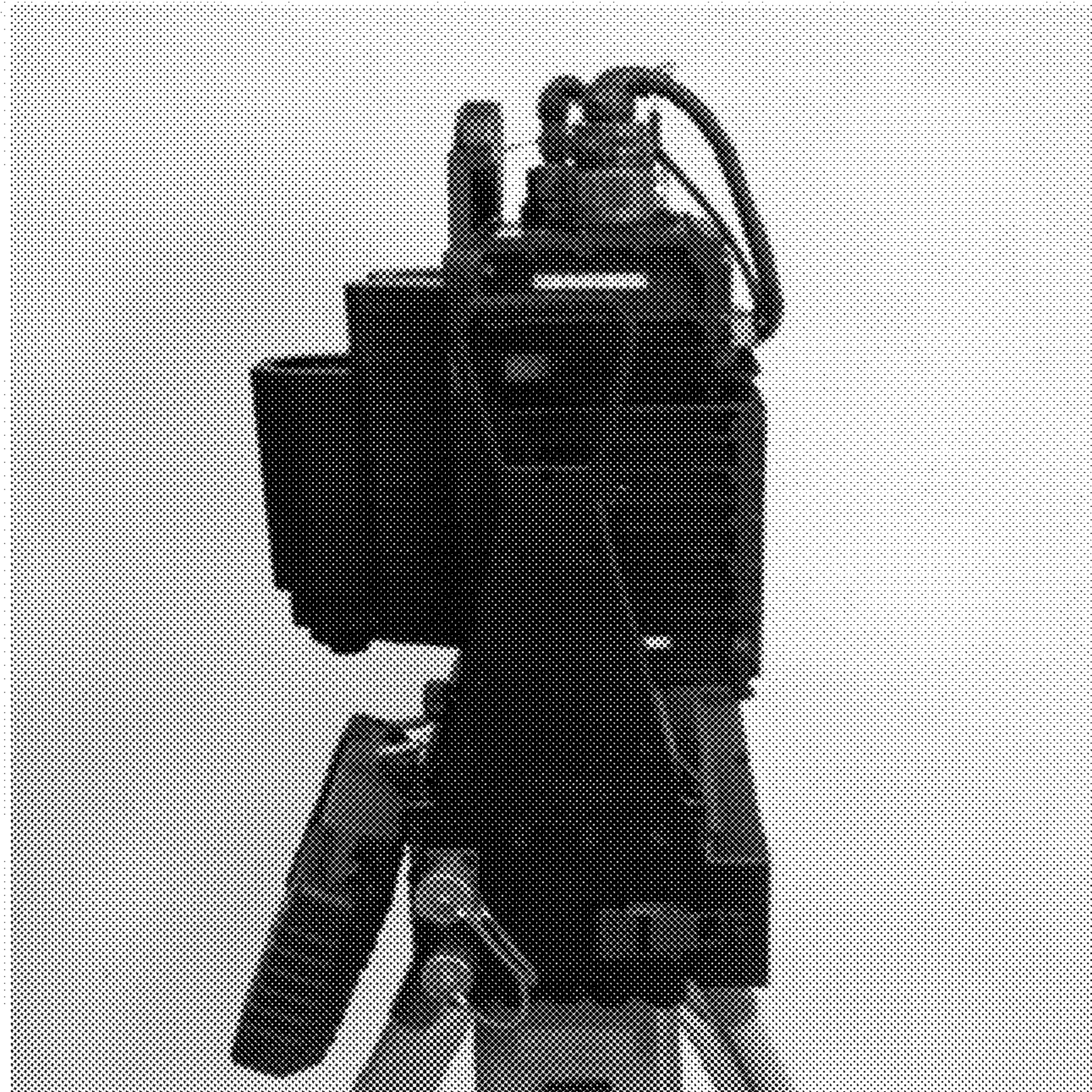


FIG. 7



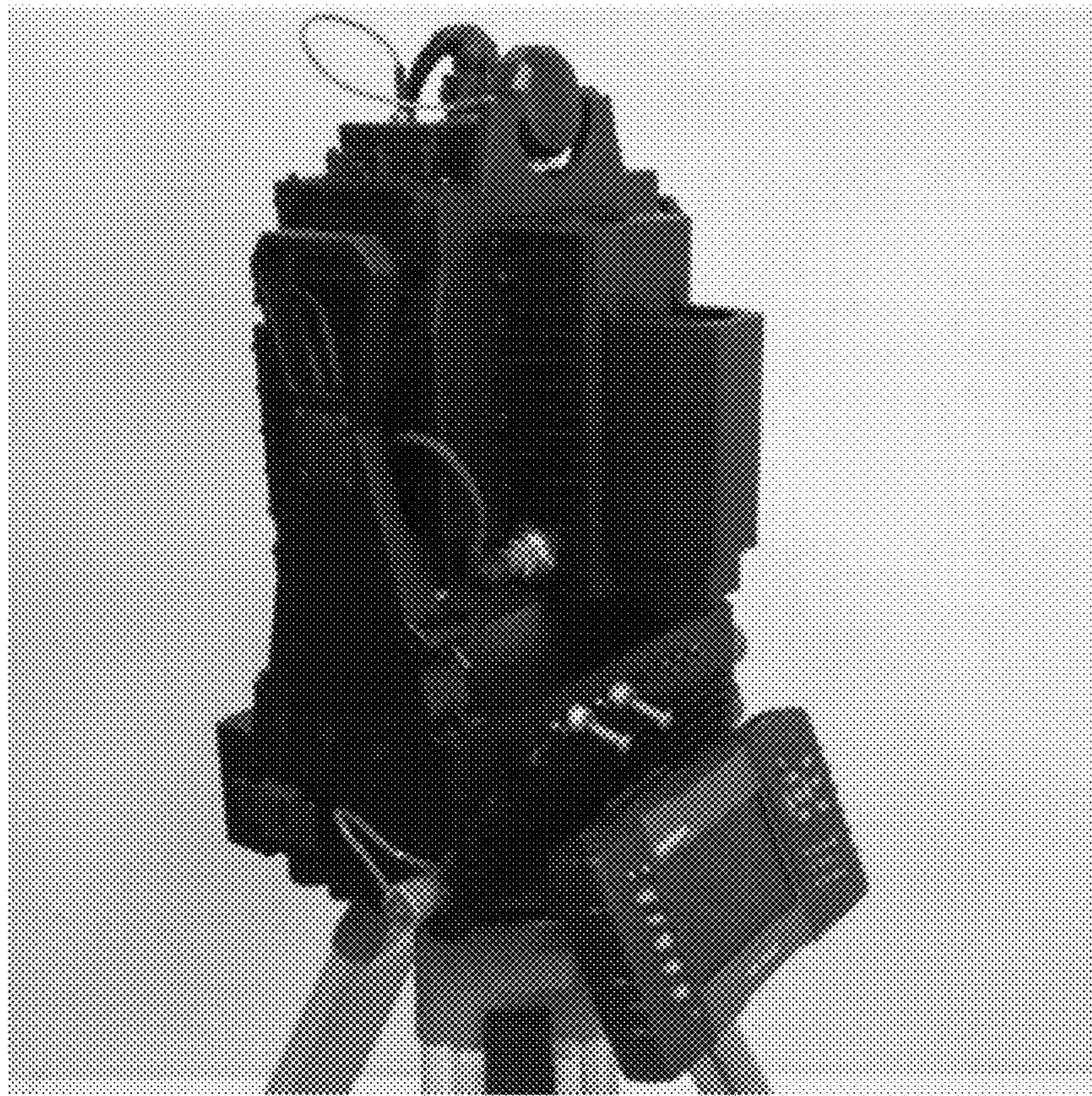


FIG. 8