

US00D844676S

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

(10) **Patent No.:** **US D844,676 S**

(45) **Date of Patent:** **** Apr. 2, 2019**

(54) **REFLECTOR**

(71) Applicant: **Volvo Construction Equipment AB**,
Eskilstuna (SE)

(72) Inventors: **Andreas Ulmefors**, Göteborg (SE);
Erik Eliasson, Göteborg (SE); **Fredrik
Bolinder**, Hisings Backa (SE); **Chris
Hillman**, Västra Frölunda (SE)

(73) Assignee: **VOLVO CONSTRUCTION
EQUIPMENT AB**, Eskilstuna (SE)

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

(21) Appl. No.: **29/610,409**

(22) Filed: **Jul. 12, 2017**

(30) **Foreign Application Priority Data**

Mar. 3, 2017 (EM) 003781434-0001
Mar. 3, 2017 (EM) 003782531-0001

(51) **LOC (11) Cl.** **15-03**

(52) **U.S. Cl.**
USPC **D15/28**; D26/28

(58) **Field of Classification Search**
USPC D15/22-26, 28; D26/28-36;
362/475-468, 475-478, 485, 487
CPC F21S 48/00; F21S 48/10; F21S 48/115;
F21S 48/225; F21S 48/1233; F21S
48/1266; F21S 48/1388; F21S 48/2268;
F21V 21/04
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D213,475 S * 3/1969 Howell D10/111
3,541,606 A * 11/1970 Heenan B60Q 1/30
359/533

D248,791 S * 8/1978 Tixier D26/122
D250,059 S * 10/1978 Bleiweiss D26/122
D263,287 S * 3/1982 Maxeiner D10/111
D272,808 S * 2/1984 Luthe D10/111
D276,560 S * 11/1984 Habro D26/128
D285,352 S * 8/1986 Envall D26/35
D316,461 S * 4/1991 McGlothlin D26/139

(Continued)

OTHER PUBLICATIONS

Images of Volvo Construction Equipment Excavator Model EC950E,
disclosed at Bauma Trade Fair, Munich, Germany, Apr. 11-17, 2016.
(Continued)

Primary Examiner — Mark A Goodwin

(74) *Attorney, Agent, or Firm* — Tucker Ellis LLP

(57) **CLAIM**

The ornamental design for a reflector, as shown and
described.

DESCRIPTION

The file of this patent contains at least one drawing/photo-
graph executed in color. Copies of this patent with color
drawing(s)/photograph(s) will be provided by the Office
upon request and payment of the necessary fee.

FIG. 1 is a left-rear perspective view of a reflector showing
our new design.

FIG. 2 is a left side view thereof.

FIG. 3 is a right side view thereof.

FIG. 4 is an enlarged partial view of FIG. 1 taken at A.

FIG. 5 is an enlarged partial view of FIG. 2 taken at B; and,
FIG. 6 is an enlarged partial view of FIG. 3 taken at C.

The light gray shaded areas in the figures showing of a
construction machine is included for the purpose of illus-
trating environmental use only and forms no part of the
claimed design.

1 Claim, 6 Drawing Sheets
(6 of 6 Drawing Sheet(s) Filed in Color)



A

(56)

References Cited

U.S. PATENT DOCUMENTS

D323,901 S * 2/1992 Falck D26/35
 D347,081 S * 5/1994 Ikeda D26/122
 D389,256 S * 1/1998 Sacco D26/28
 D426,905 S * 6/2000 Cook D26/28
 D439,995 S * 4/2001 Nakazawa D26/28
 D440,331 S * 4/2001 Nakazawa D26/28
 D441,469 S * 5/2001 Goebert D26/28
 D472,987 S * 4/2003 Warming D26/28
 D525,387 S * 7/2006 Lau D26/139
 D526,429 S * 8/2006 Hovind D26/28
 D546,986 S * 7/2007 Platto D26/28
 D553,269 S * 10/2007 Pfeiffer D26/28
 D583,968 S * 12/2008 Simons D26/28
 D596,323 S * 7/2009 Ishizuka D26/28
 D604,450 S * 11/2009 Blumer D26/118
 D611,176 S * 3/2010 Elliott D26/28
 D632,424 S * 2/2011 Fesler D26/139
 D655,836 S * 3/2012 Lee D26/28

D674,935 S * 1/2013 Conway D26/28
 D697,258 S * 1/2014 Conway D26/139
 D697,259 S * 1/2014 Hovind D26/139
 D720,874 S * 1/2015 Jackson D15/28
 D726,351 S * 4/2015 Kato D26/28
 D735,913 S * 8/2015 Mays D26/28
 D738,009 S * 9/2015 Gorsten Schuenemann .. D26/28
 D740,979 S * 10/2015 Lee D26/28
 D740,998 S * 10/2015 Nevins D26/118
 D744,158 S * 11/2015 Willett D26/120
 D748,302 S * 1/2016 Ahn D26/28
 D775,379 S * 12/2016 Frykholm D26/28
 D778,472 S * 2/2017 Ahn D26/28
 D820,510 S * 6/2018 Conway D26/139

OTHER PUBLICATIONS

Images of Volvo Construction Equipment Excavator Model EC750E,
 disclosed to public May 2016.

* cited by examiner

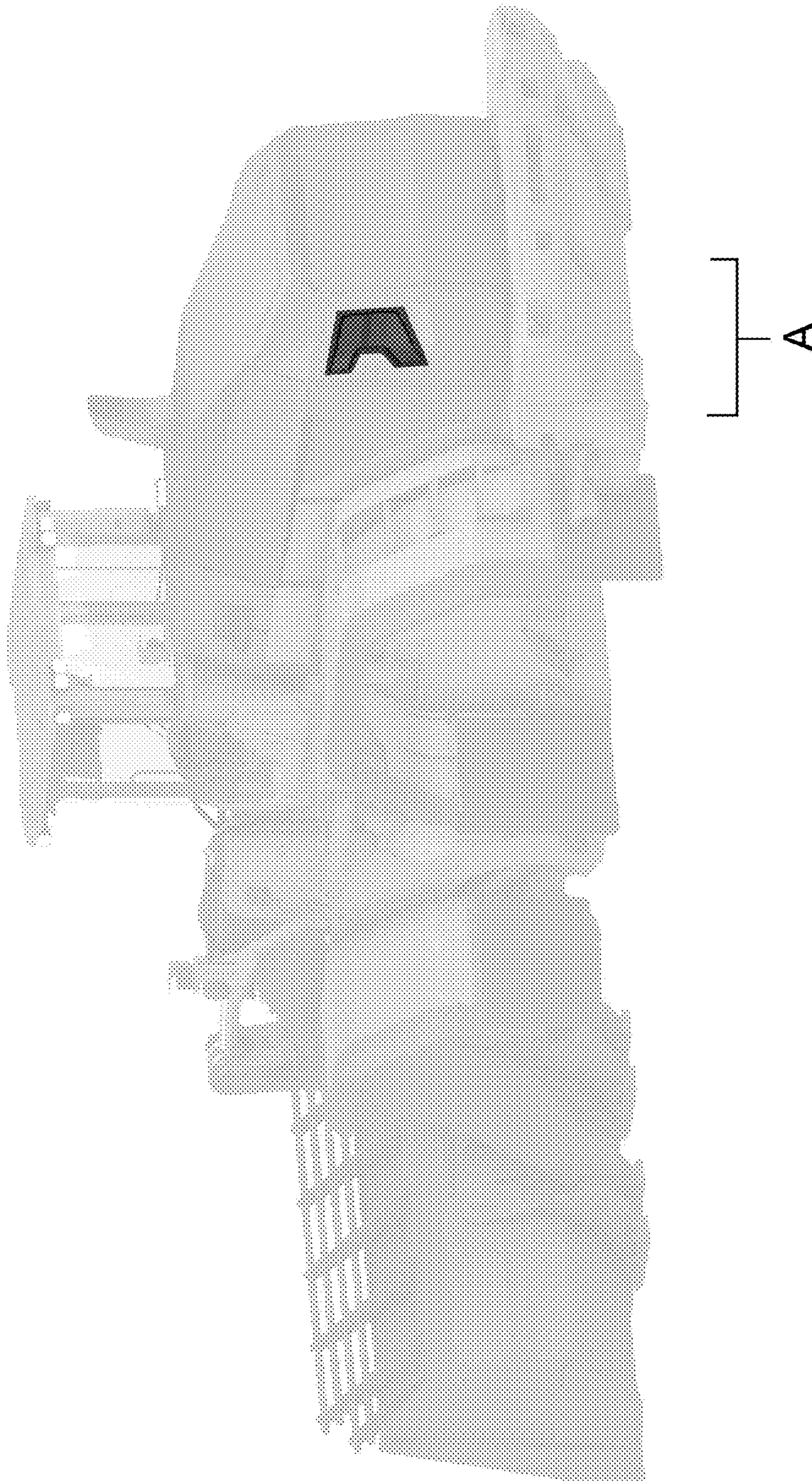


FIG. 1

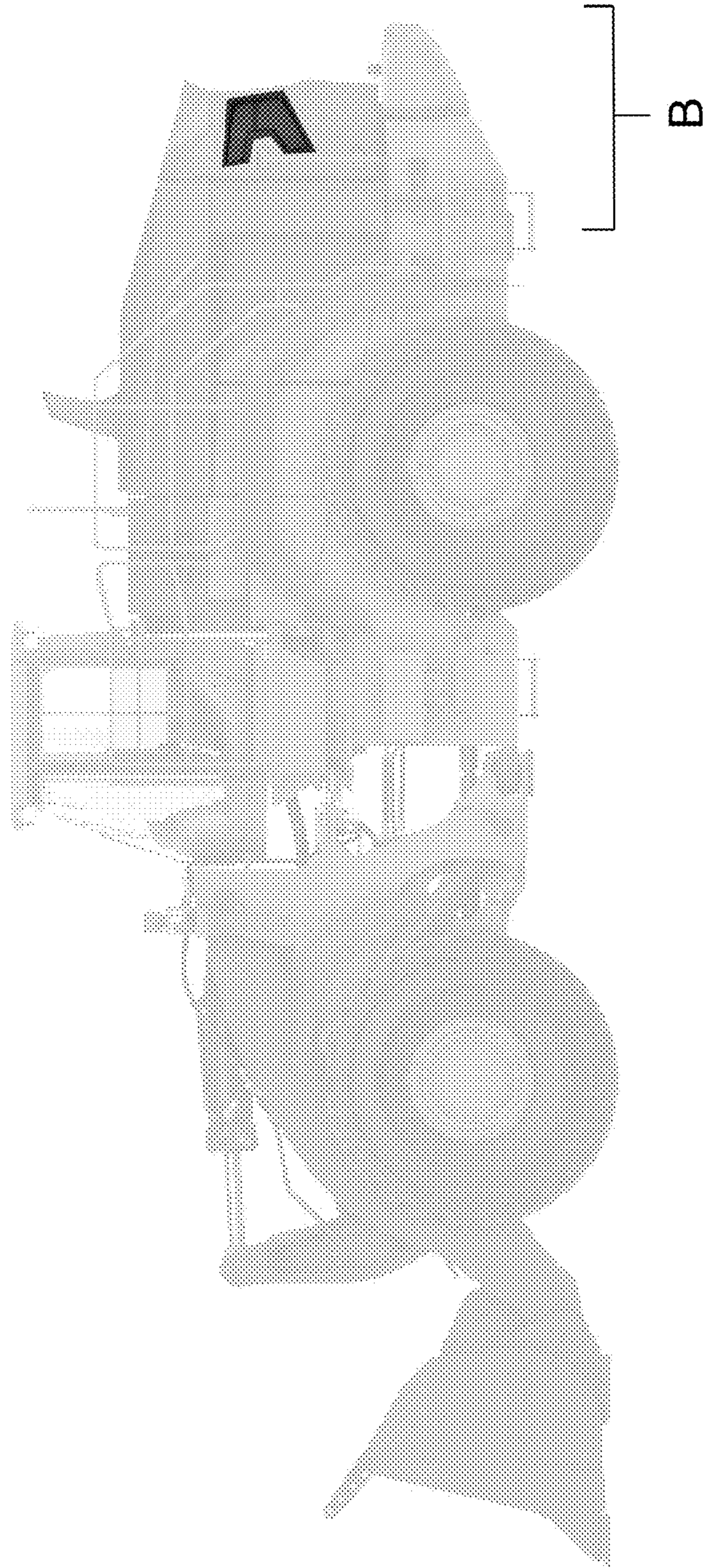


FIG. 2

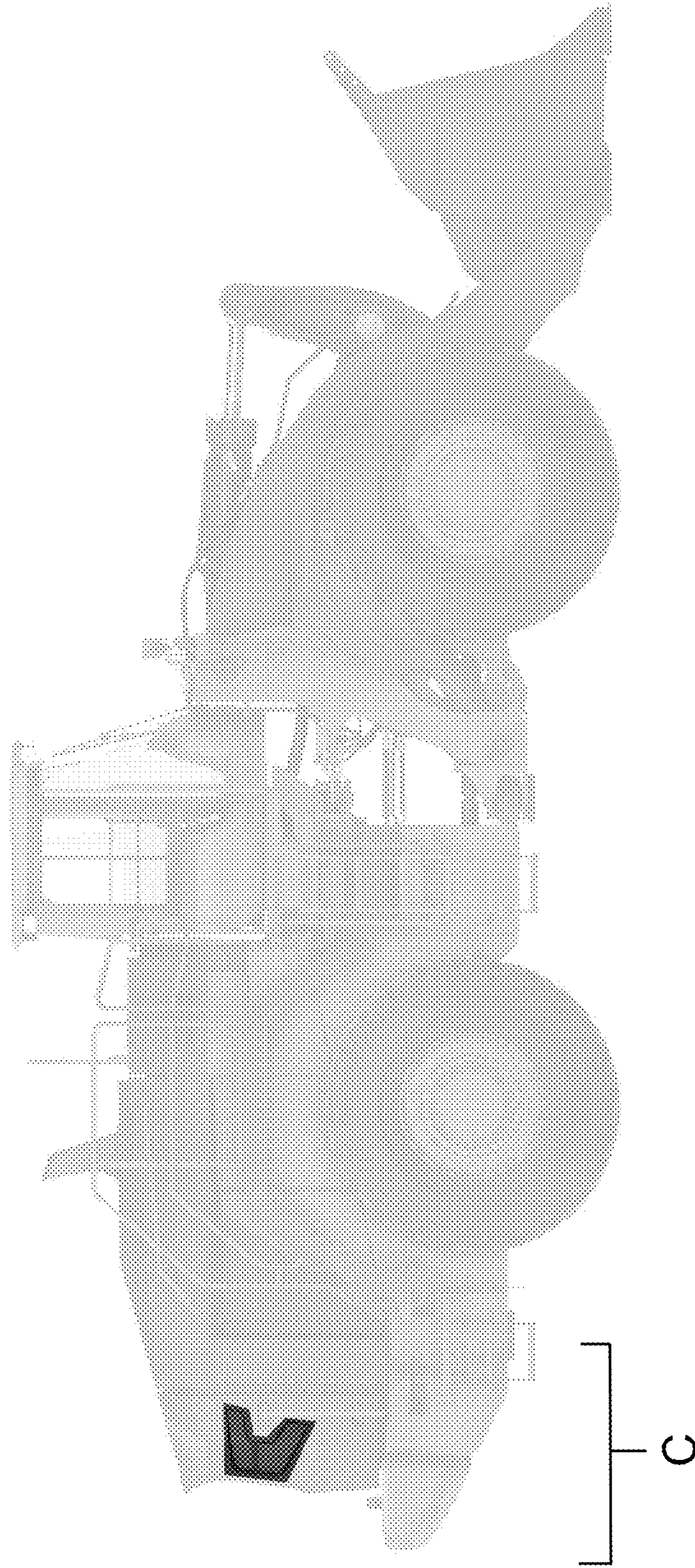


FIG. 3

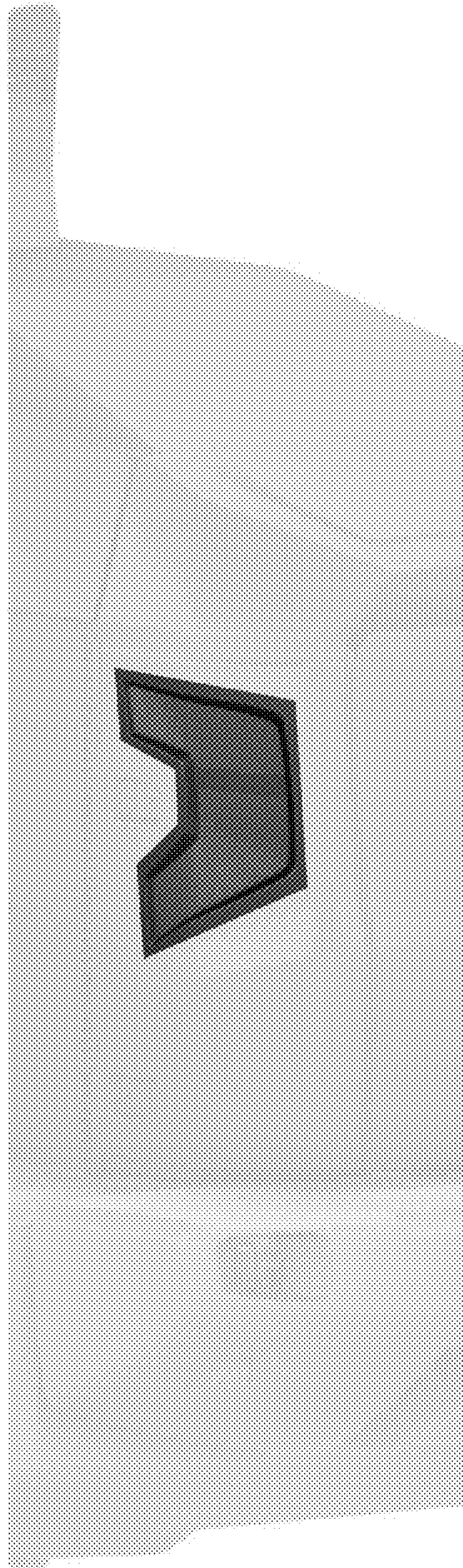


FIG. 4

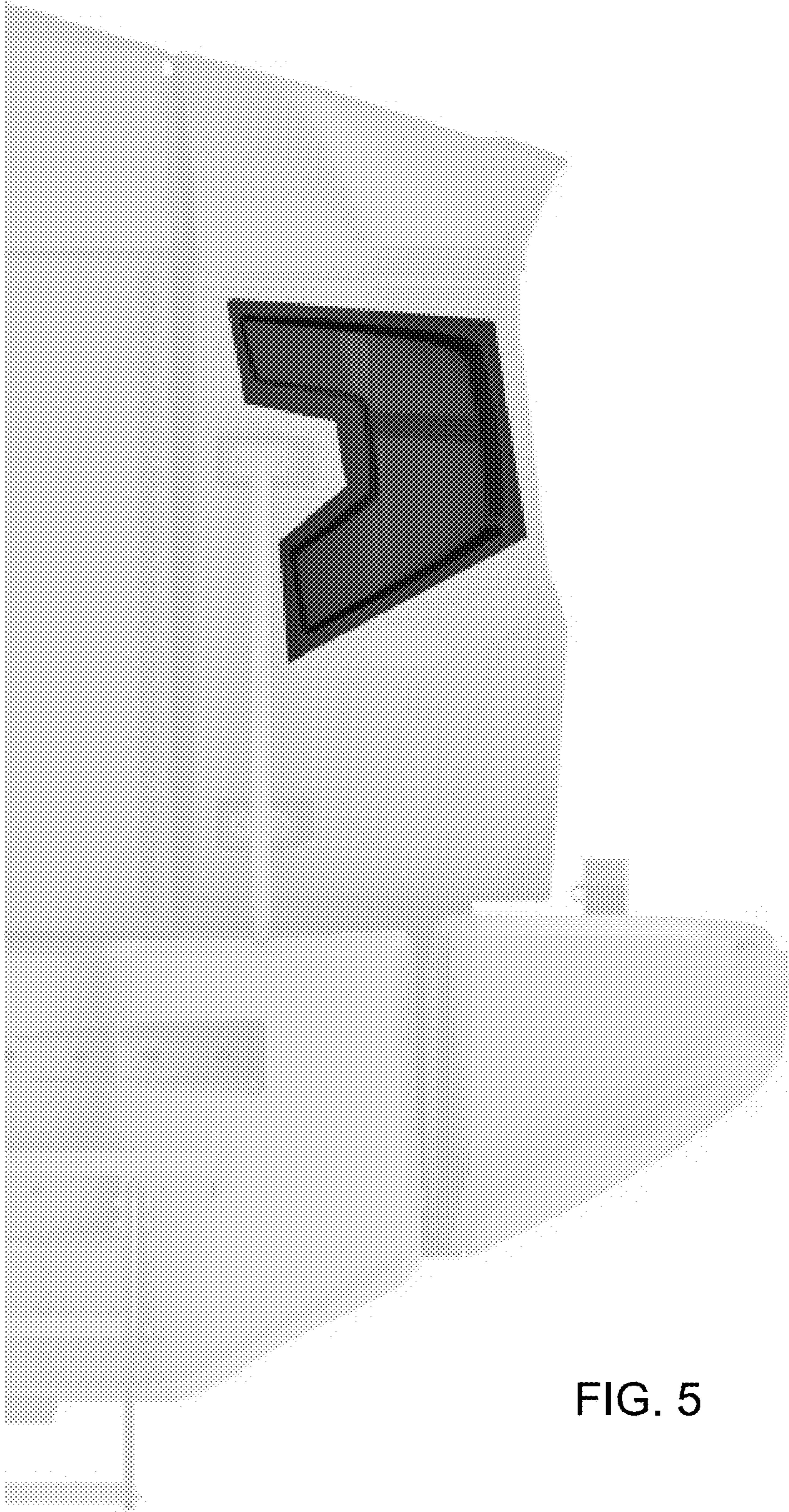


FIG. 5

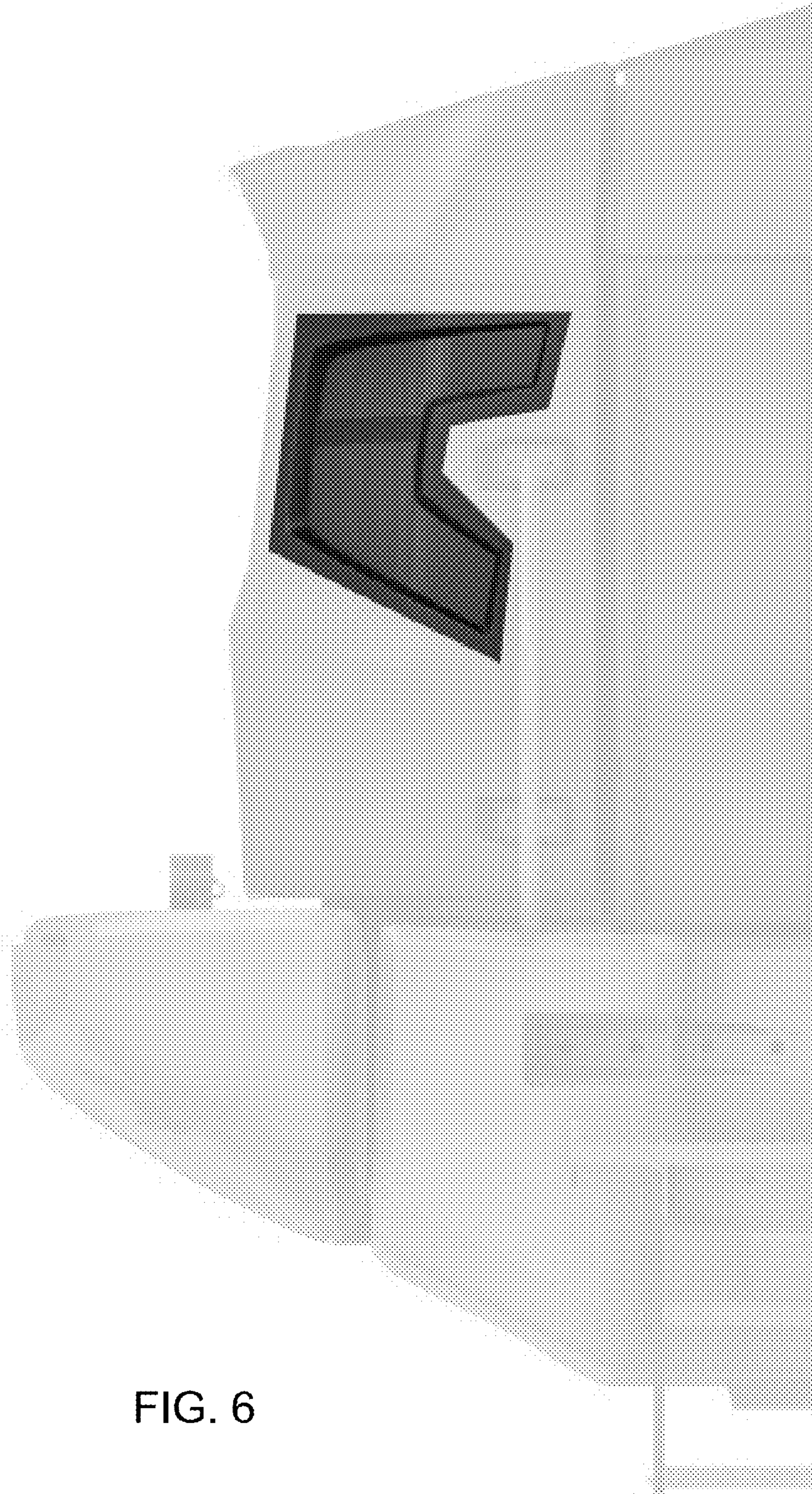


FIG. 6