

US00D862826S

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

(10) **Patent No.:** **US D862,826 S**
(45) **Date of Patent:** **** Oct. 8, 2019**

(54) **ELASTIC BREAK BRAKE**
(71) Applicant: **Curt G. Joa, Inc.**, Sheboygan Falls, WI (US)
(72) Inventors: **Jeffrey W. Fritz**, Plymouth, WI (US); **Christopher J. Nelson**, Hiram, GA (US); **John A. McCabe**, Sheboygan Falls, WI (US); **Daniel A. Peterson**, Sheboygan, WI (US)

6,482,278 B1 * 11/2002 McCabe A61F 13/15609
156/200
6,648,122 B1 * 11/2003 Hirsch B65G 47/848
156/552
7,975,584 B2 * 7/2011 McCabe A61F 13/15723
53/462
8,961,720 B2 * 2/2015 Harris A61F 13/15593
156/161

(Continued)

FOREIGN PATENT DOCUMENTS

(73) Assignee: **Curt G. Joa, Inc.**, Sheboygan Falls, WI (US)

DE 102007063209 A1 6/2009
WO WO2001072237 10/2001

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

OTHER PUBLICATIONS

(21) Appl. No.: **29/597,336**

International Search Report dated Jun. 19, 2013 regarding EP Application No. 13165203.4, 5 pages.

(22) Filed: **Mar. 16, 2017**

(Continued)

Related U.S. Application Data

Primary Examiner — Cynthia Ramirez

Assistant Examiner — Gino Colan

(63) Continuation of application No. 13/868,712, filed on Apr. 23, 2013, now Pat. No. 9,809,414.

(74) *Attorney, Agent, or Firm* — Ziolkowski Patent Solutions Group, SC

(51) **LOC (12) Cl.** **12-05**

(57) **CLAIM**

(52) **U.S. Cl.**
USPC **D34/35**

The ornamental design for an elastic break brake, as shown and described.

(58) **Field of Classification Search**
USPC D34/28, 29, 35; 156/178, 161, 436, 265, 156/250, 252, 256, 259, 263, 264; 53/462; 264/284; 29/40
CPC .. B65H 57/14; B65H 63/024; A61F 13/15804
See application file for complete search history.

DESCRIPTION

FIG. 1 is a perspective view of an elastic break brake showing our new design;

FIG. 2 is a front elevation view thereof;

FIG. 3 is a left side elevation view thereof; and,

FIG. 4 is a top plan view thereof.

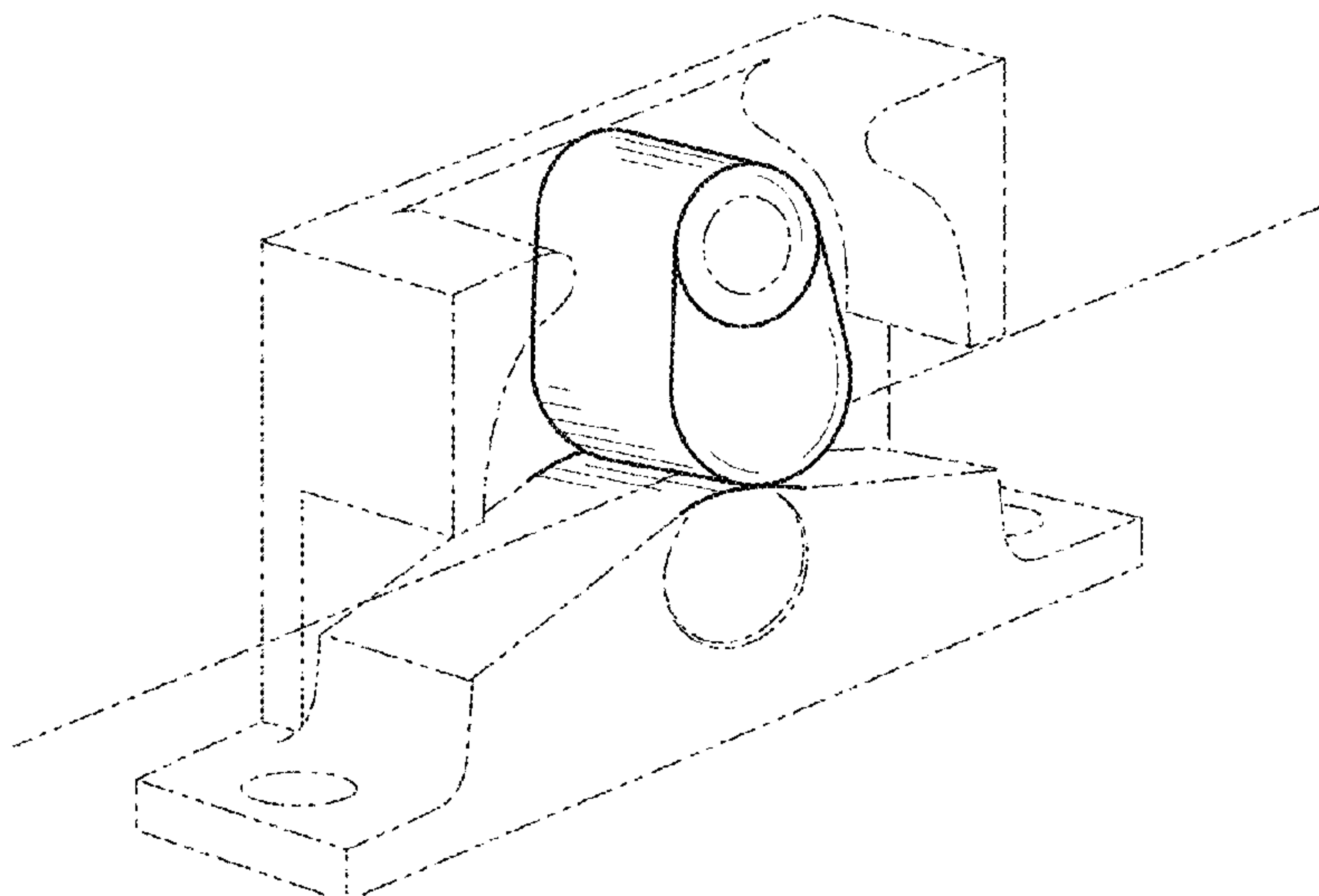
The broken lines shown in the figures are for the purpose of illustrating portions of the elastic break brake and form no part of the claimed design. The broken lines showing a portion of a thread are for the purpose of illustrating environment and form no part of the claimed design.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,929,297 A 12/1975 Zumfeld
5,914,084 A * 6/1999 Benson B29C 55/14
264/284
6,076,442 A * 6/2000 Arterburn C03B 37/16
29/40

1 Claim, 1 Drawing Sheet



(56)

References Cited

U.S. PATENT DOCUMENTS

9,550,306 B2 * 1/2017 McCabe A61F 13/15723
D785,272 S * 4/2017 Merino Casajuana D34/29
9,809,414 B2 * 11/2017 Fritz B65H 57/14
9,944,487 B2 * 4/2018 McCabe A61F 13/15723
9,950,439 B2 * 4/2018 McCabe A61F 13/15723
10,138,082 B2 * 11/2018 Ingole A61F 13/15764
2004/0073187 A1 4/2004 Karami
2008/0287898 A1 11/2008 Guzman Reyes et al.
2011/0144611 A1 6/2011 Saito

OTHER PUBLICATIONS

International Search Report dated Jun. 19, 2013 regarding EP
Application No. 13165195.2, 4 pages.

* cited by examiner

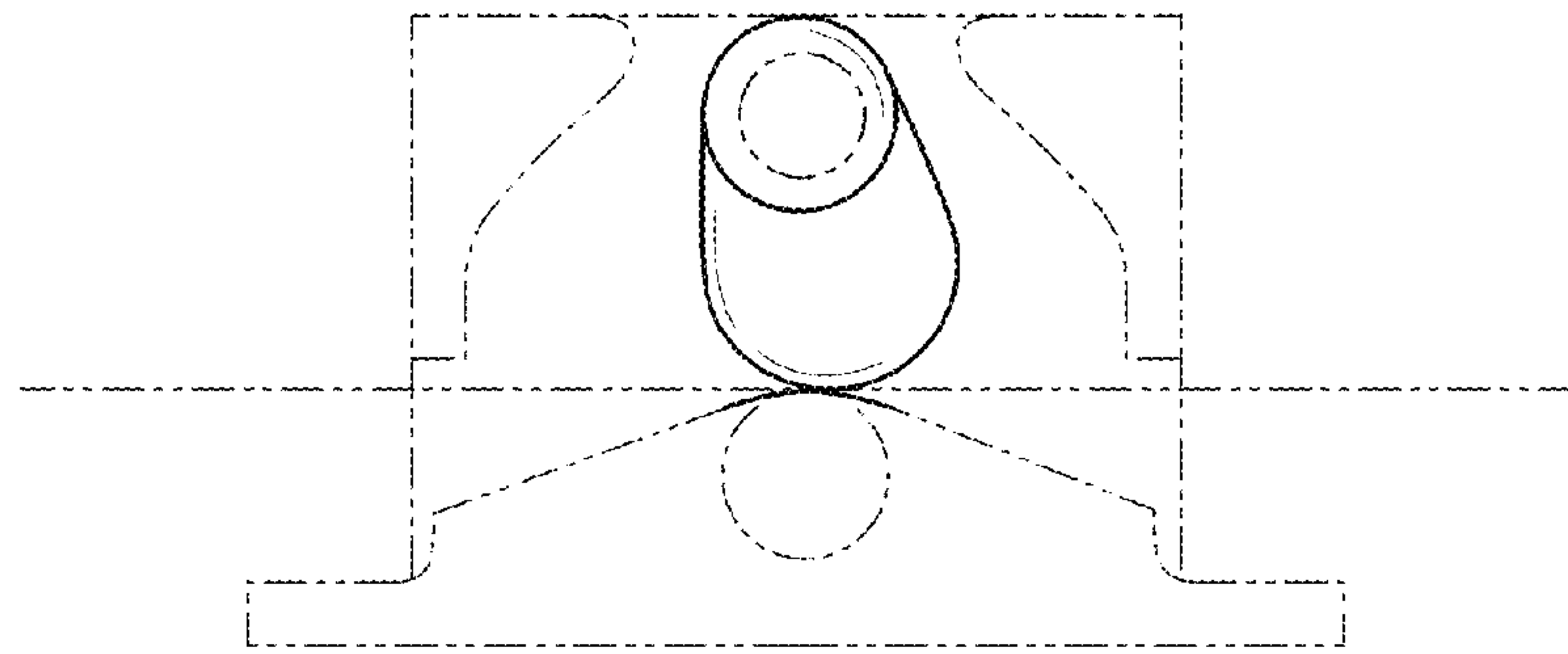
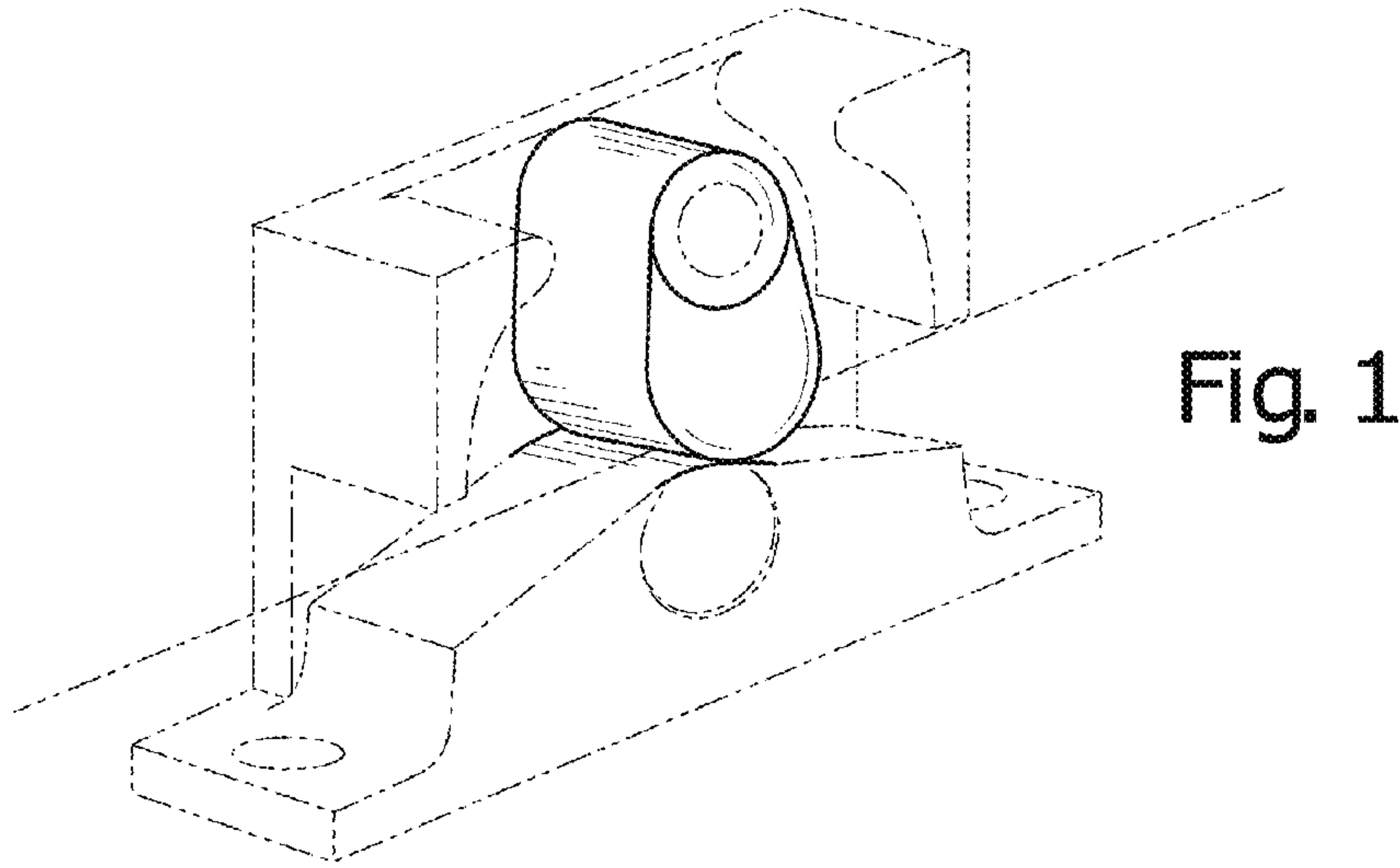


Fig. 2

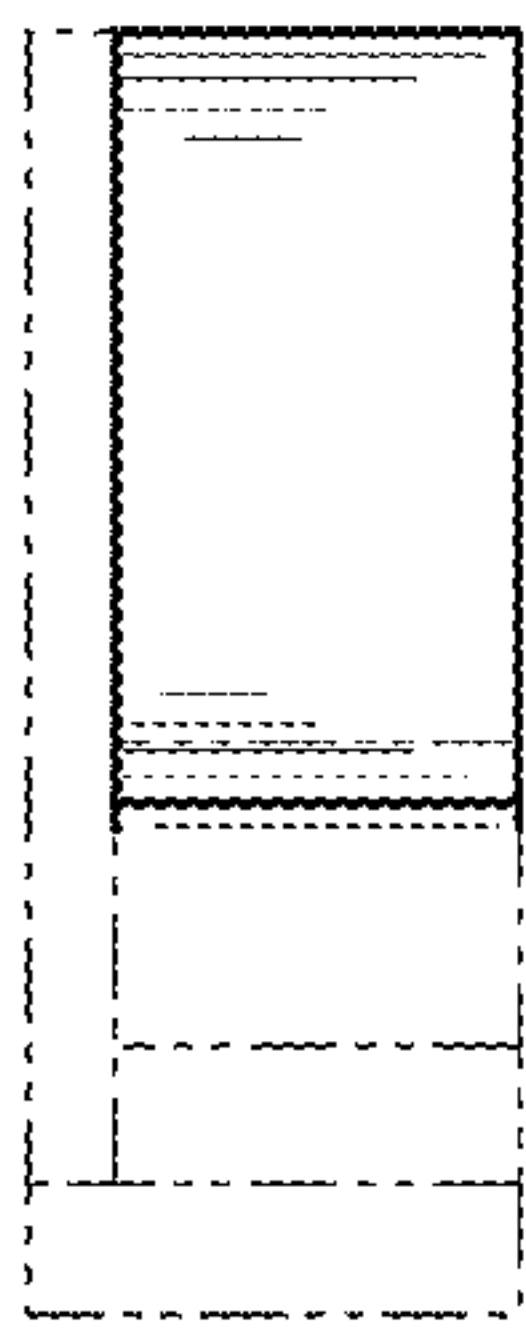


Fig. 3

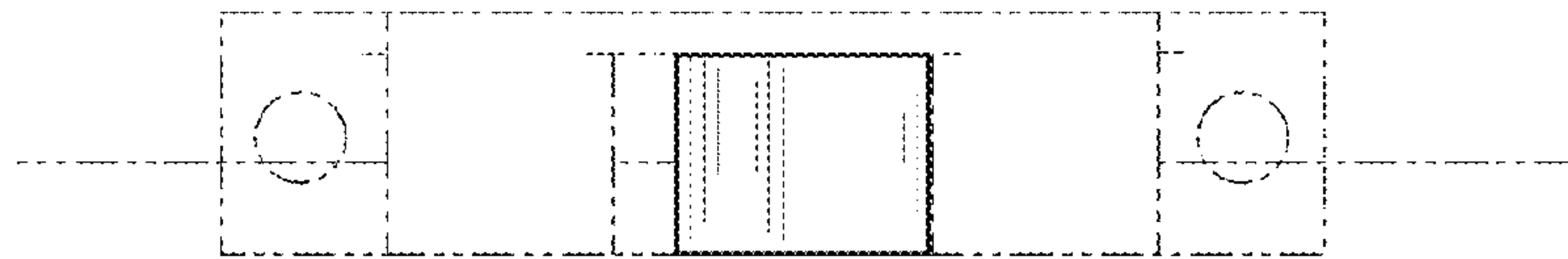


Fig. 4