

US00D769340S

(12) **United States Design Patent** (10) **Patent No.:** **US D769,340 S**
Hirata (45) **Date of Patent:** **** Oct. 18, 2016**

(54) **PUSHER FOR STRETCH PACKAGING MACHINES**

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(72) Inventor: **Kousuke Hirata**, Ritto (JP)

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

(21) Appl. No.: **35/500,546**

(22) Filed: **Aug. 5, 2015**

(80) **Hague Agreement Data**

Int. Filing Date: **Aug. 5, 2015**

Int. Reg. No.: **DM/087240**

Int. Reg. Date: **Aug. 5, 2015**

Int. Reg. Pub. Date: **Feb. 5, 2016**

(30) **Foreign Application Priority Data**

Feb. 5, 2015 (JP) 2015-002173

(51) **LOC (10) Cl.** **15-03**

(52) **U.S. Cl.**
USPC **D15/138**

(58) **Field of Classification Search**
USPC D15/10-12, 22-26, 28, 32, 138;
37/435, 441, 442; 172/776-797
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,234,669 A * 2/1966 Kachnik E02F 3/7622
172/445.2
D214,833 S * 8/1969 Glommen D15/32
D216,874 S * 3/1970 Cline D15/32
D219,809 S * 2/1971 Coontz D15/32
D248,302 S * 6/1978 Zoller D15/32
4,463,507 A * 8/1984 Gaub E02F 3/962
172/820
D319,448 S * 8/1991 Ball D15/32
D329,004 S * 9/1992 King D15/11
5,332,331 A * 7/1994 Critz E02F 3/7627
172/393

5,425,189 A * 6/1995 Anderson E02F 9/2816
37/403
D361,772 S * 8/1995 Hulsey D15/28
5,529,131 A * 6/1996 Van Ornum E02F 3/96
172/776
5,592,760 A * 1/1997 Kohout A01C 15/003
37/142.5
D395,436 S * 6/1998 Hagenbuch D15/32
5,775,438 A * 7/1998 Confoey E02F 3/815
172/811
D511,173 S * 11/2005 Fatemi D15/11
D570,377 S * 6/2008 Evans D15/11
D594,882 S * 6/2009 Schultz D15/11
D623,668 S * 9/2010 Bissell D15/27
D629,425 S * 12/2010 Morin D15/11
D672,370 S * 12/2012 Becker D15/28
D697,945 S * 1/2014 Healey D15/28
D697,946 S * 1/2014 Healey D15/32
D697,947 S * 1/2014 Healey D15/32
D707,731 S * 6/2014 Healey D15/32
2003/0061741 A1 * 4/2003 Guggino E01H 5/065
37/266

FOREIGN PATENT DOCUMENTS

JP 2004-262483 A 9/2004
JP 2011-184091 A 9/2011

* cited by examiner

Primary Examiner — Richard E Chilcot

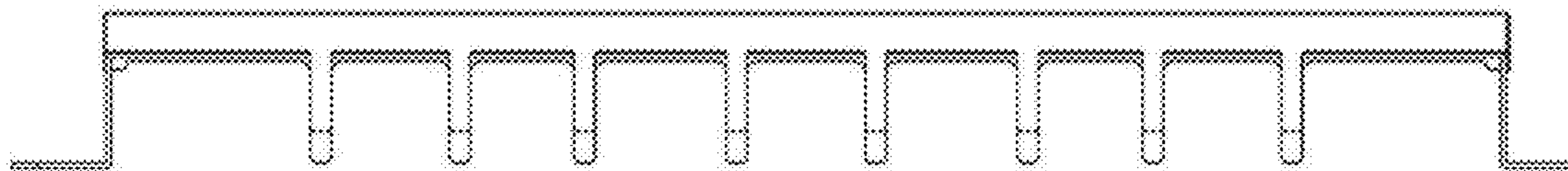
(57) **CLAIM**

The ornamental design for a pusher for stretch packaging machines, as shown and described.

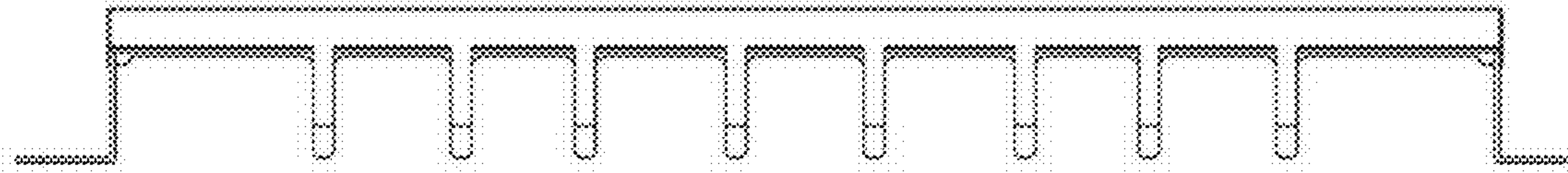
DESCRIPTION

1. Pusher for stretch packaging machines
1.1 : Front
1.2 : Back
1.3 : Left
1.4 : Top
1.5 : Bottom
1.6 : Perspective
1.7 : Perspective

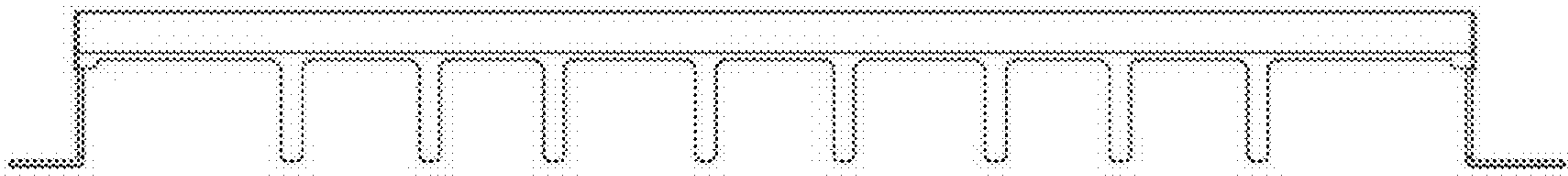
1 Claim, 7 Drawing Sheets



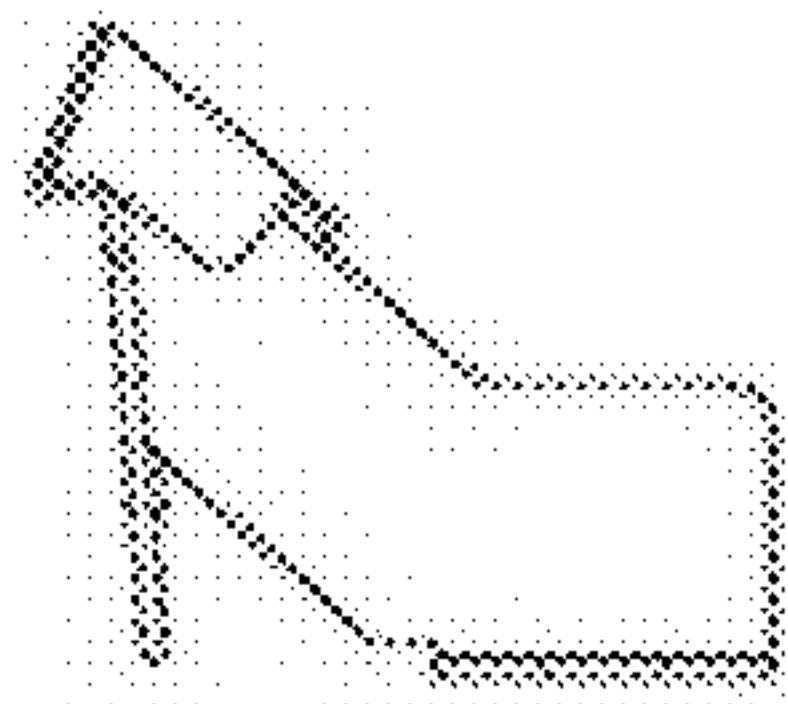
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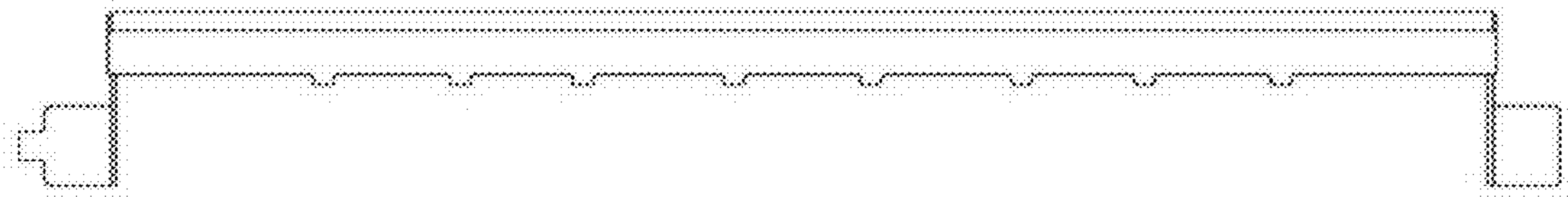
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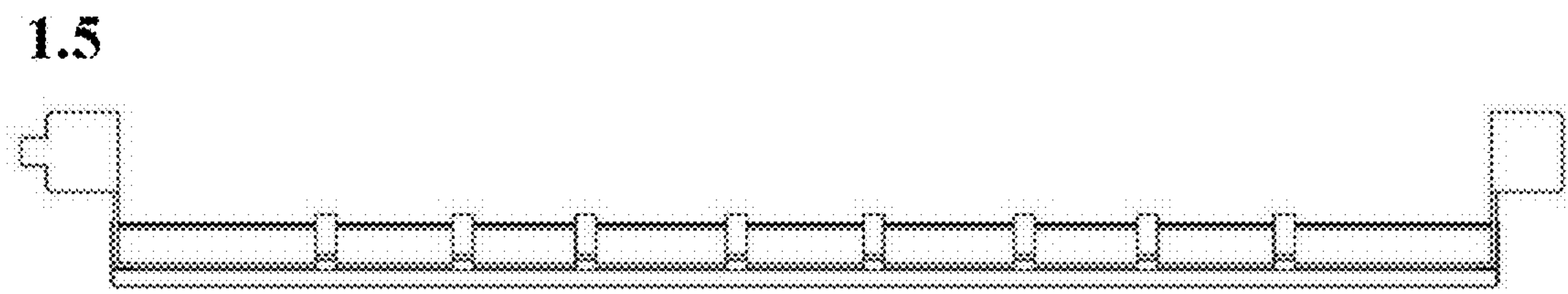


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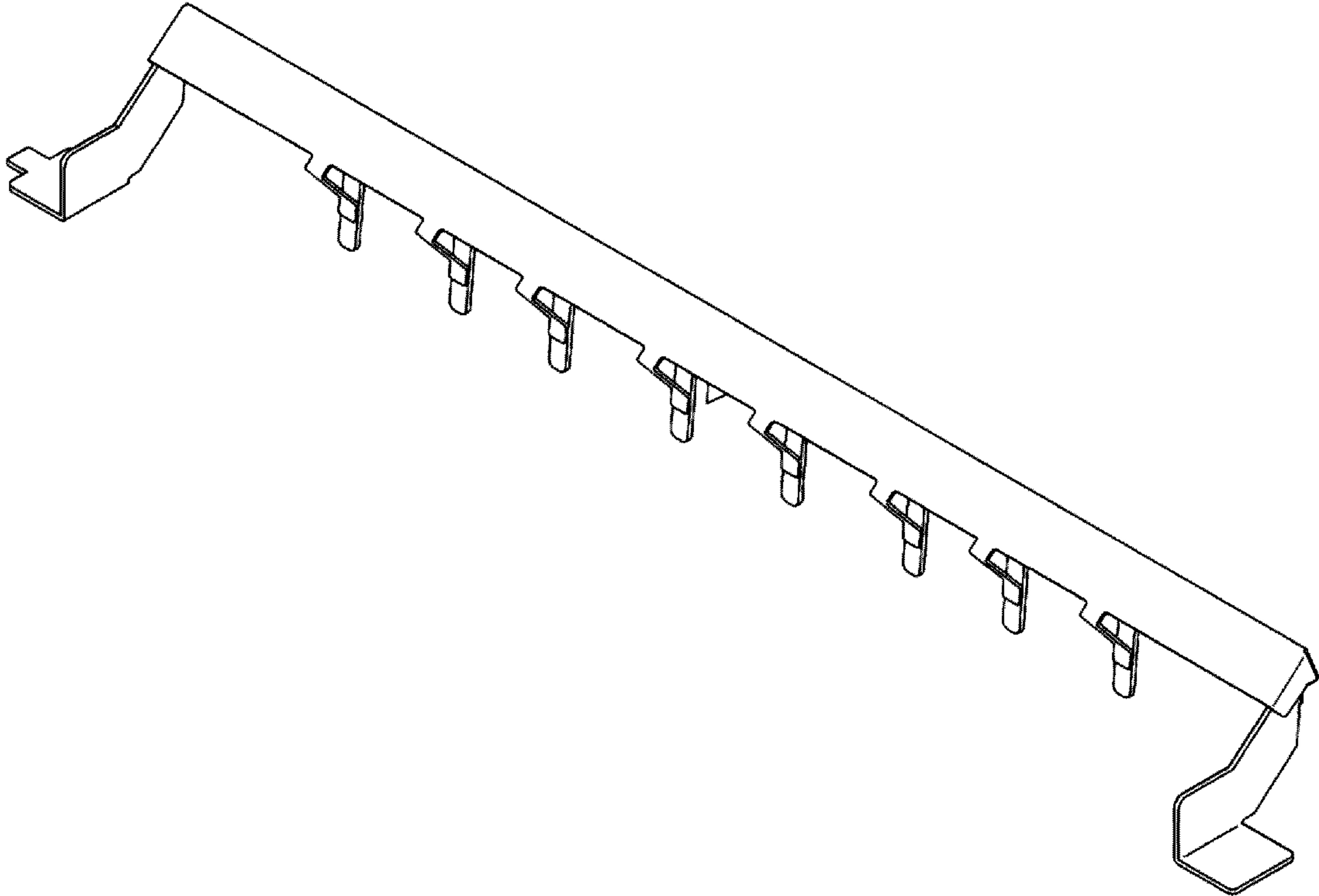


1.4





1.6



1.7

