



US00D871003S

(12) **United States Design Patent** (10) **Patent No.:** **US D871,003 S**
Yang (45) **Date of Patent:** **** Dec. 24, 2019**

(54) **MOP CLOTH**
(71) Applicant: **Lin'an Thumb Cleaning Products Co., Ltd, Hangzhou, Zhejiang (CN)**

D420,183 S * 2/2000 Tintelnot D32/40
D421,166 S * 2/2000 Tintelnot D32/40
D462,150 S * 8/2002 Rader D32/40
6,844,091 B2 * 1/2005 Denham B32B 5/02
244/121

(Continued)

(72) Inventor: **Xiaohua Yang, Zhejiang (CN)**
(73) Assignee: **Lin'an Thumb Cleaning Products Co., Ltd, Hangzhou (CN)**

FOREIGN PATENT DOCUMENTS

CN 302105257 * 10/2012
CN 304412610 * 12/2017

(Continued)

(**) Term: **15 Years**
(21) Appl. No.: **29/664,076**

OTHER PUBLICATIONS

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(52) **U.S. Cl.**
USPC **D32/40**
(58) **Field of Classification Search**
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CPC A47L 13/17; A47L 13/20; A47L 13/254;
A47L 13/16; A47L 13/12; A47L 13/10;
A47L 1/06; B08B 3/00; B32B 5/02;
B24B 7/18

All-purpose Eraser from Lin'an Thumb Cleaning Products Co.Ltd—
EC21 website 2018, https://thumbclean.en.ec21.com/All_purpose_Eraser-9100653_9100846.html, site visited Dec. 13, 2018.*

(Continued)

See application file for complete search history.

Primary Examiner — Eric L Goodman
Assistant Examiner — John R Yeh
(74) *Attorney, Agent, or Firm* — Wayne & Ken, LLC;
Tony Hom

(57) **CLAIM**

The ornamental design for a mop cloth, as shown and described.

(56) **References Cited**

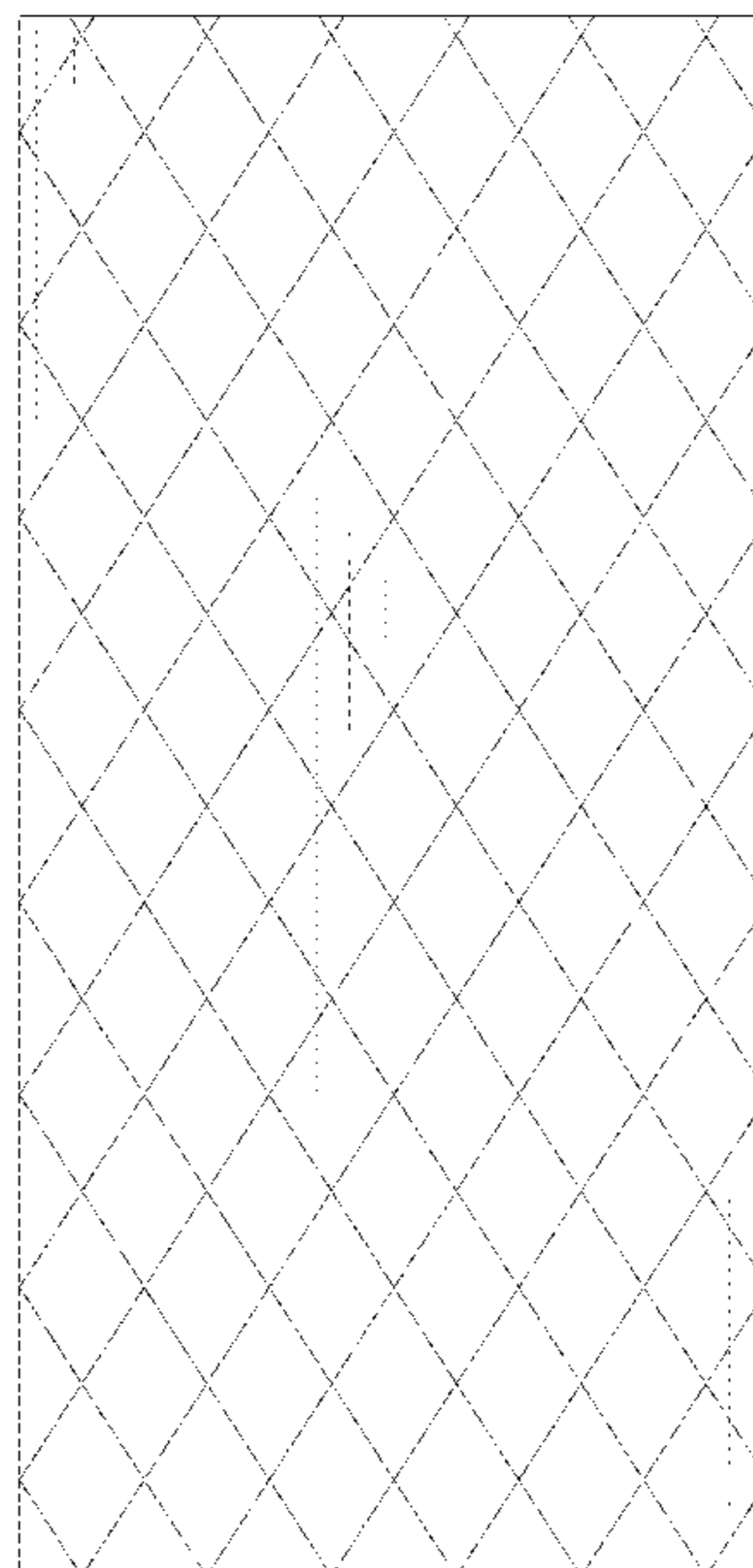
DESCRIPTION

U.S. PATENT DOCUMENTS

108,821 A * 11/1870 Perle A47L 13/16
15/209.1
593,657 A * 11/1897 Hodges A47L 13/16
15/208
1,387,472 A * 8/1921 Cox A47L 13/20
15/228
1,743,800 A * 1/1930 Pearce E04F 13/04
52/670
1,849,286 A * 3/1932 Evans A47L 13/20
15/228
5,329,974 A * 7/1994 Paping A47L 13/16
141/11

FIG. 1 is a front elevation view of a mop cloth showing my new design;
FIG. 2 is a back elevation view thereof;
FIG. 3 is a left side view thereof, which is a mirror image of a right side view;
FIG. 4 is a top plan view thereof, which is a mirror image of a bottom plan view; and,
FIG. 5 is the top plan view in unfolded state.
The broken lines represent suture lines that form no part of the claimed design.

1 Claim, 5 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

7,033,965 B2 * 4/2006 Takabayashi A47L 13/16
15/208
D590,116 S * 4/2009 Policicchio D32/40
7,533,438 B1 * 5/2009 Newell A47L 13/20
15/228
D681,295 S * 4/2013 Yamada D32/40
8,646,144 B2 * 2/2014 Wada A47L 13/16
15/208
8,752,232 B2 * 6/2014 Otsuka A47L 13/16
15/209.1
D765,329 S * 8/2016 Hoying D32/40
D821,784 S * 7/2018 Can D6/608
2002/0065012 A1 * 5/2002 Takabayashi A47L 13/16
442/381
2003/0045197 A1 * 3/2003 Kakiuchi A47L 13/17
442/403
2005/0076936 A1 * 4/2005 Pung A47L 13/17
134/6
2005/0245163 A1 * 11/2005 Aneja A47C 31/001
442/414
2007/0077834 A1 * 4/2007 Hanson A47L 13/20
442/59
2007/0078421 A1 * 4/2007 Glaug A47L 13/20
604/367
2010/0088837 A1 * 4/2010 Wada A47L 13/16
15/209.1
2010/0147329 A1 * 6/2010 Leymonerie A47L 13/16
134/6

2010/0306946 A1 * 12/2010 Pung A47L 13/16
15/209.1
2012/0192371 A1 * 8/2012 Yang A47L 13/16
15/209.1
2012/0279005 A1 * 11/2012 Pung A47L 13/12
15/104.94
2014/0245556 A1 * 9/2014 Kaminer A47L 11/284
15/228
2014/0283322 A1 * 9/2014 Colangelo A47L 13/16
15/209.1
2015/0327745 A1 * 11/2015 Machii A47L 13/16
15/209.1
2016/0007818 A1 * 1/2016 Weber A47L 25/00
15/210.1
2017/0096626 A1 * 4/2017 Tollens C11D 17/049

FOREIGN PATENT DOCUMENTS

CN	304480759	*	1/2018
JP	D1597269	*	2/2018

OTHER PUBLICATIONS

Lin'an Thumb Cleaning Products Co., Ltd, Canton Fair website 2010, <http://www.cantonfair.org/exhibitor/detail?id=19729>, site visited Dec. 13, 2018.*
Spray mop refills cloths, floor cleaning pad—China Linan Products, <http://thumbclean.diytrade.com/sdp/2230712/4/pd-7140220/12651622.html>, site visited Dec. 13, 2018.*

* cited by examiner

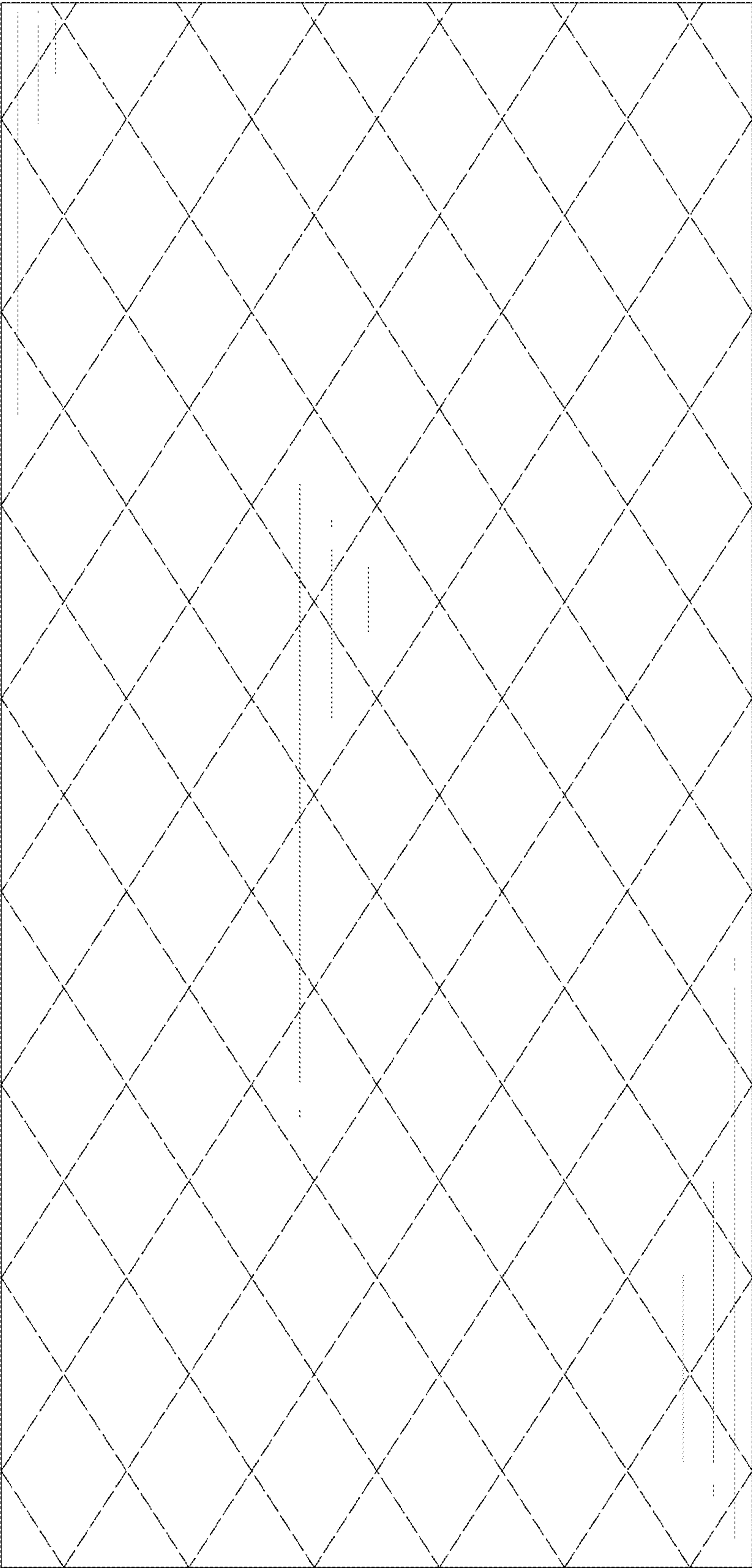


FIG. 1

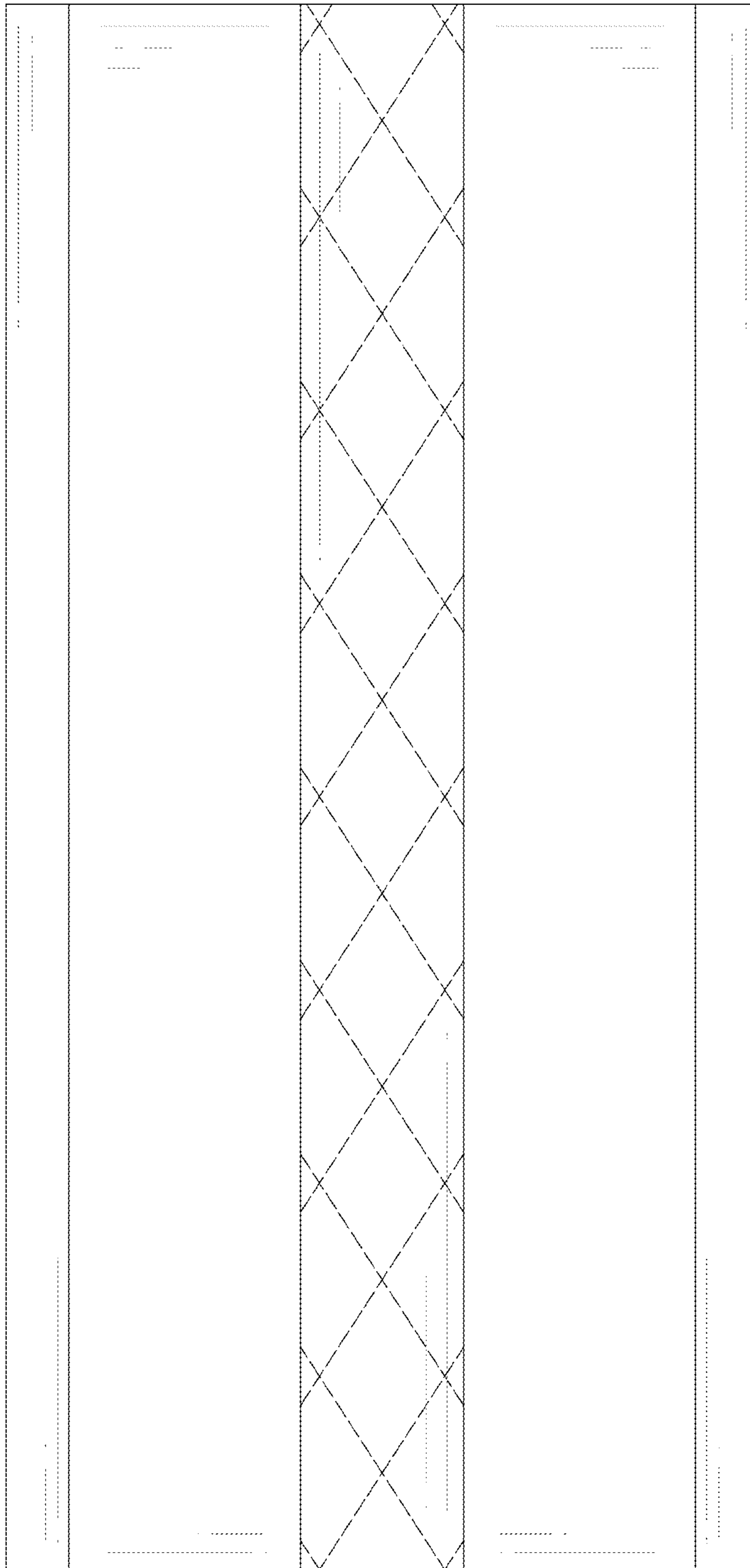


FIG. 2



FIG. 3

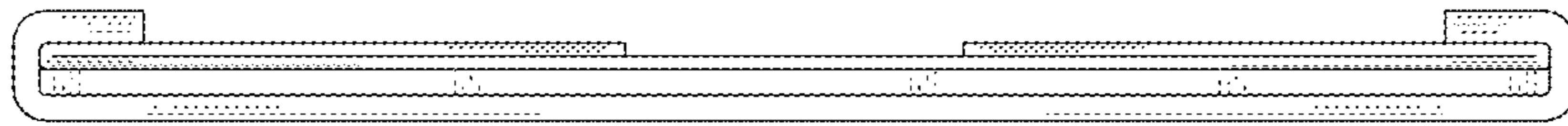


FIG. 4

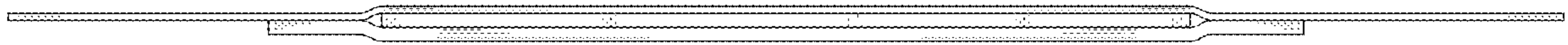


FIG. 5