



US00D770631S

(12) **United States Design Patent** (10) **Patent No.:** **US D770,631 S**  
**Green** (45) **Date of Patent:** **\*\* Nov. 1, 2016**

(54) **DEVICE TO CLOSE WOUNDS**  
(71) Applicant: **William J. Green**, Thousand Oaks, CA (US)  
(72) Inventor: **William J. Green**, Thousand Oaks, CA (US)  
(73) Assignee: **Precision Medical Devices, LLC**, Thousand Oaks, CA (US)  
(\*\*) Term: **14 Years**  
(21) Appl. No.: **29/491,843**

D642,275 S 7/2011 Brackett  
D679,013 S 3/2013 Green  
D679,402 S \* 4/2013 Conrad-Vlasak ..... D24/189  
D679,403 S \* 4/2013 Heinecke ..... D24/189  
D683,858 S \* 6/2013 Smith ..... D24/189  
D684,694 S 6/2013 Green  
D684,695 S 6/2013 Green  
D684,696 S 6/2013 Green  
D684,697 S 6/2013 Green  
D685,094 S 6/2013 Green  
D685,095 S 6/2013 Green  
D687,555 S \* 8/2013 Peterson ..... D24/189  
D688,377 S \* 8/2013 Heinecke ..... D24/189  
D690,425 S \* 9/2013 Heinecke ..... D24/189  
D693,009 S 11/2013 Green

(Continued)

(22) Filed: **May 27, 2014**  
(51) **LOC (10) Cl.** ..... **24-04**  
(52) **U.S. Cl.**  
USPC ..... **D24/189**  
(58) **Field of Classification Search**  
USPC ..... D24/189-192  
CPC .... A61K 9/0014; A61K 47/00; A61L 26/00;  
A61F 13/0203; A61F 13/0206; A61F  
13/0209; A61F 13/023; A61F 13/0233;  
G09F 2003/0201; G09F 2003/0208  
See application file for complete search history.

FOREIGN PATENT DOCUMENTS

WO W091/18571 A1 12/1991

*Primary Examiner* — T. Chase Nelson  
*Assistant Examiner* — Michelle E Wilson  
(74) *Attorney, Agent, or Firm* — Law Office of David Hong

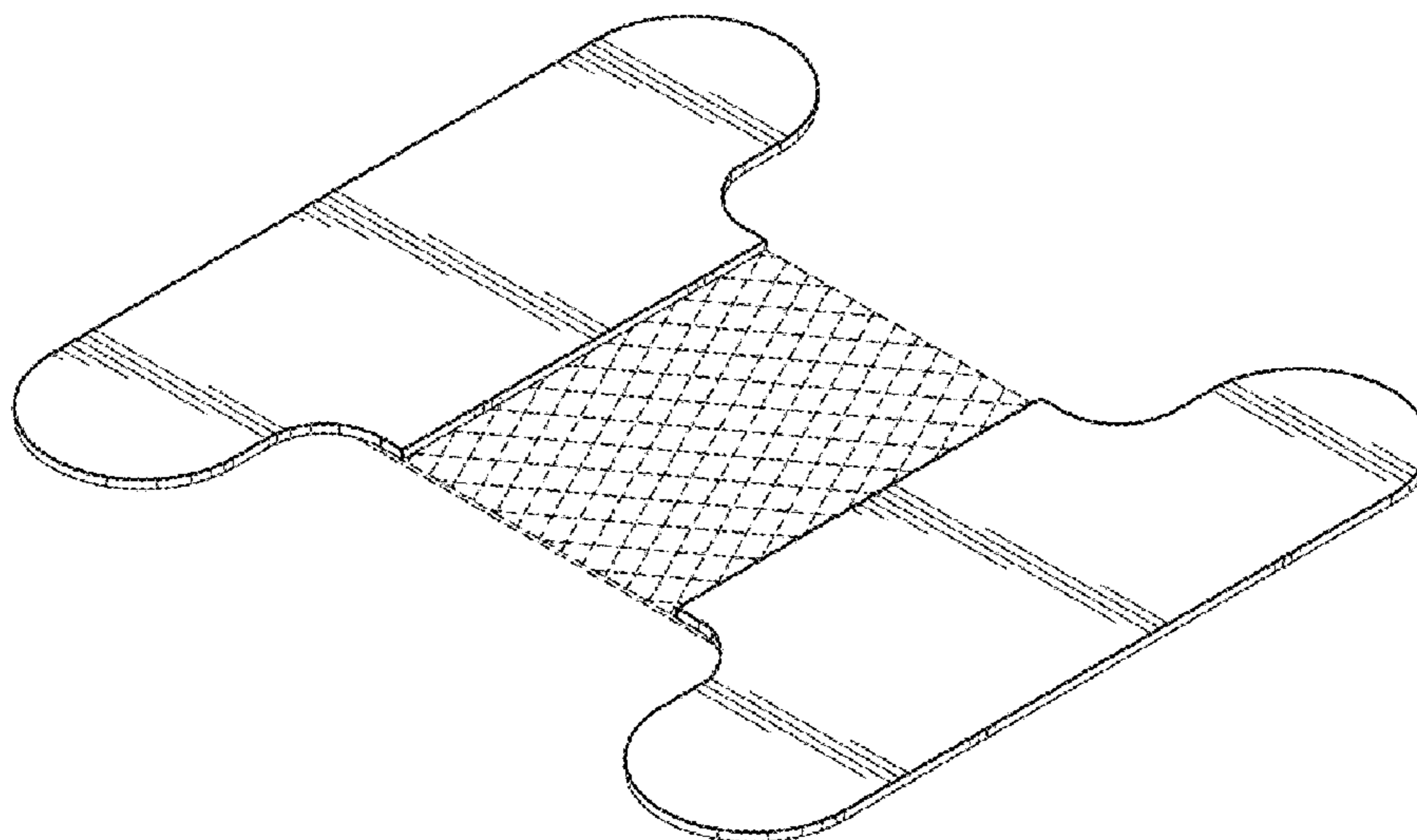
(57) **CLAIM**  
The ornamental design for a device to close wounds, as shown and described.

(56) **References Cited**  
U.S. PATENT DOCUMENTS  
D408,541 S \* 4/1999 Dunshee ..... D24/189  
D409,754 S \* 5/1999 Dunshee ..... D24/189  
D430,674 S \* 9/2000 Dunshee ..... D24/189  
D454,955 S \* 3/2002 Dunshee ..... D24/189  
D458,687 S \* 6/2002 Dale ..... D24/189  
D493,230 S \* 7/2004 Liedtke ..... D24/189  
D572,824 S \* 7/2008 Propp ..... D24/189  
D576,282 S \* 9/2008 Yanaki ..... D24/189  
7,619,130 B2 \* 11/2009 Nielsen ..... A61F 13/02  
602/41  
D620,123 S \* 7/2010 Igwebuike ..... D24/189  
D625,824 S 10/2010 Brackett

DESCRIPTION

FIG. 1 is a perspective view of a device to close wounds, wherein broken lines are on the middle web of the device; FIG. 2 is a first side elevational view of the device in FIG. 1; the opposite side view being a mirror image; FIG. 3 is a third side elevational view of the device in FIG. 1; the opposite side view being a mirror image; FIG. 4 is a top view of the device in FIG. 1; and, FIG. 5 is a bottom view of the device in FIG. 1. The broken lines represent portions of the structure that form no part of the claim.

**1 Claim, 1 Drawing Sheet**



(56)

References Cited

U.S. PATENT DOCUMENTS

D693,010 S \* 11/2013 Mosa ..... D24/189  
 D695,901 S \* 12/2013 Heinecke ..... D24/189  
 D723,176 S \* 2/2015 Igwebuike ..... D24/189  
 D723,177 S \* 2/2015 Igwebuike ..... D24/189  
 D729,391 S \* 5/2015 Igwebuike ..... D24/189  
 2002/0087106 A1\* 7/2002 Unger ..... A61F 13/0203  
 602/48  
 2004/0138601 A1\* 7/2004 Chalmers ..... A61F 13/00017  
 602/41  
 2004/0241214 A1\* 12/2004 Kirkwood ..... A61F 13/0213  
 424/445  
 2005/0159694 A1\* 7/2005 Berndt ..... A61F 13/00025  
 602/48  
 2005/0159695 A1\* 7/2005 Cullen ..... A61L 15/28  
 602/48  
 2006/0003133 A1\* 1/2006 Johnson ..... A61F 13/023  
 428/40.1  
 2007/0003606 A1\* 1/2007 Booher ..... A61B 5/14539  
 424/448

2008/0275499 A1 11/2008 Brackett  
 2009/0082710 A1\* 3/2009 Vitaris ..... A61F 13/023  
 602/52  
 2009/0227968 A1\* 9/2009 Vess ..... A61F 13/02  
 604/313  
 2009/0234306 A1\* 9/2009 Vitaris ..... A61F 13/00063  
 604/304  
 2009/0234309 A1\* 9/2009 Vitaris ..... A61M 1/0049  
 604/313  
 2011/0022077 A1 1/2011 Green  
 2012/0165715 A1\* 6/2012 Murphy ..... A61F 13/023  
 602/54  
 2012/0197173 A1\* 8/2012 Babitz ..... A61F 13/0008  
 602/54  
 2012/0238932 A1\* 9/2012 Atteia ..... A61F 13/02  
 602/52  
 2014/0058309 A1\* 2/2014 Addison ..... A61F 13/02  
 602/44  
 2014/0107561 A1\* 4/2014 Dorian ..... A61M 37/00  
 604/23  
 2014/0358058 A1\* 12/2014 Nelson ..... A61F 13/00063  
 602/48

\* cited by examiner

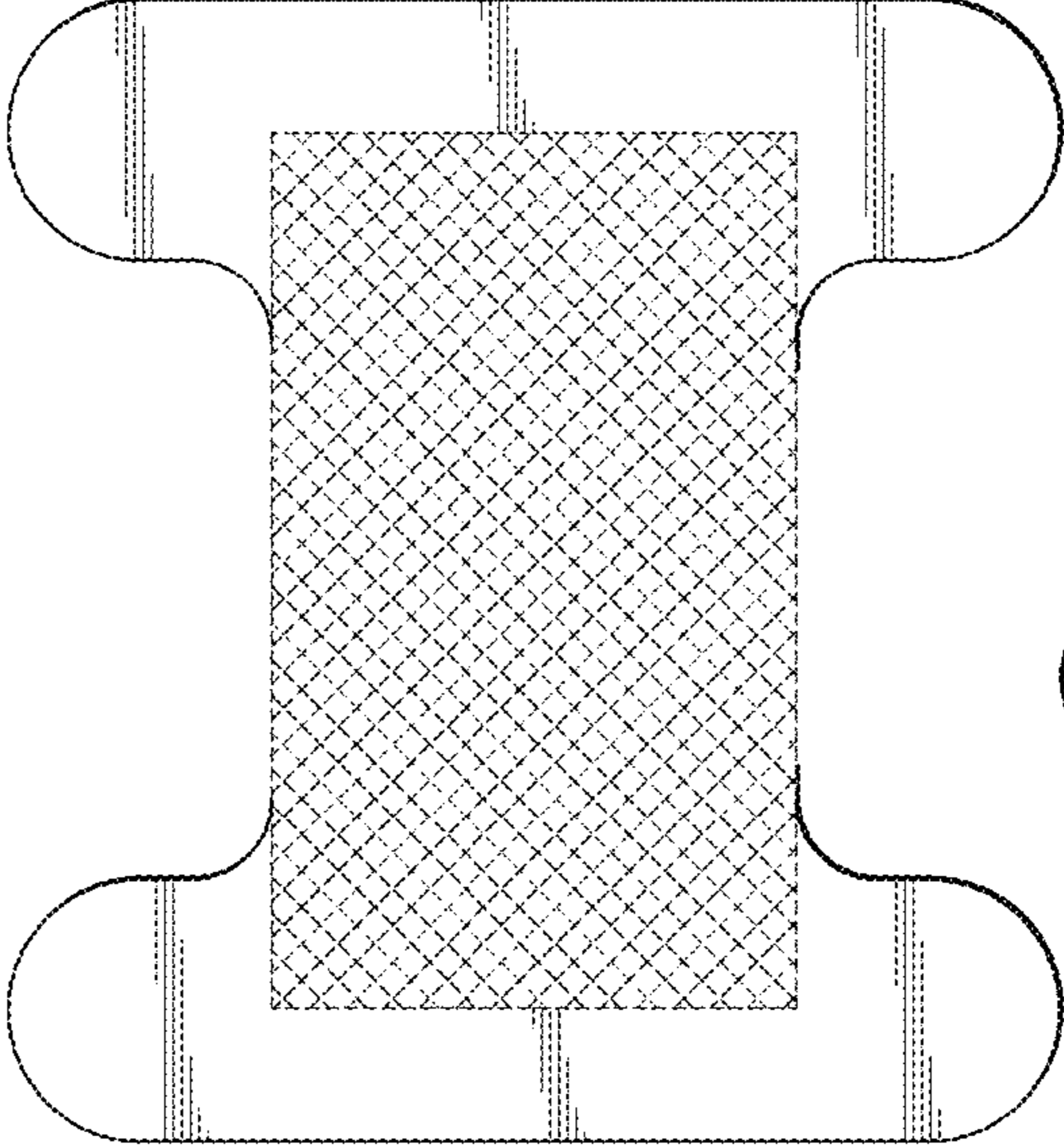
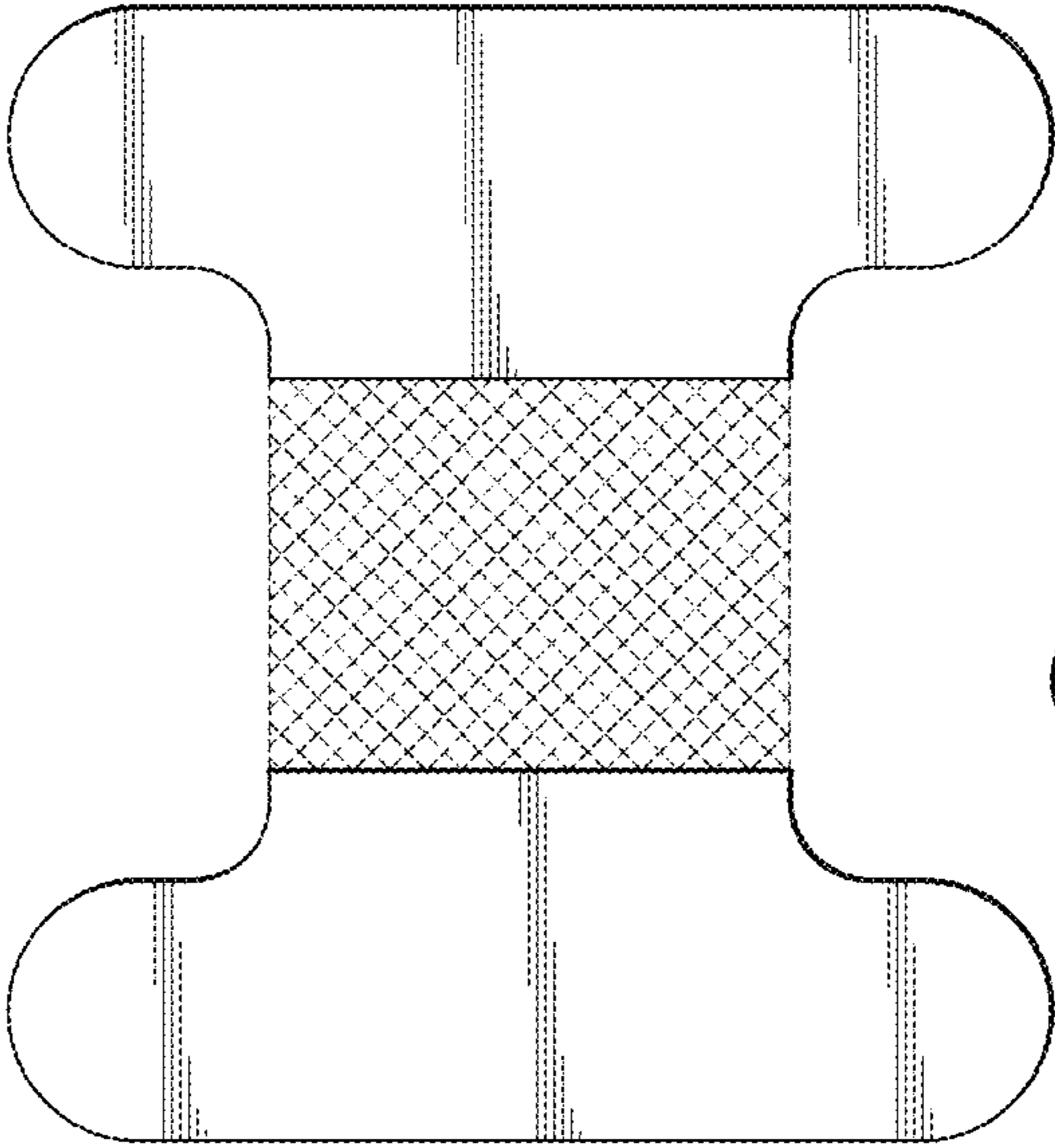
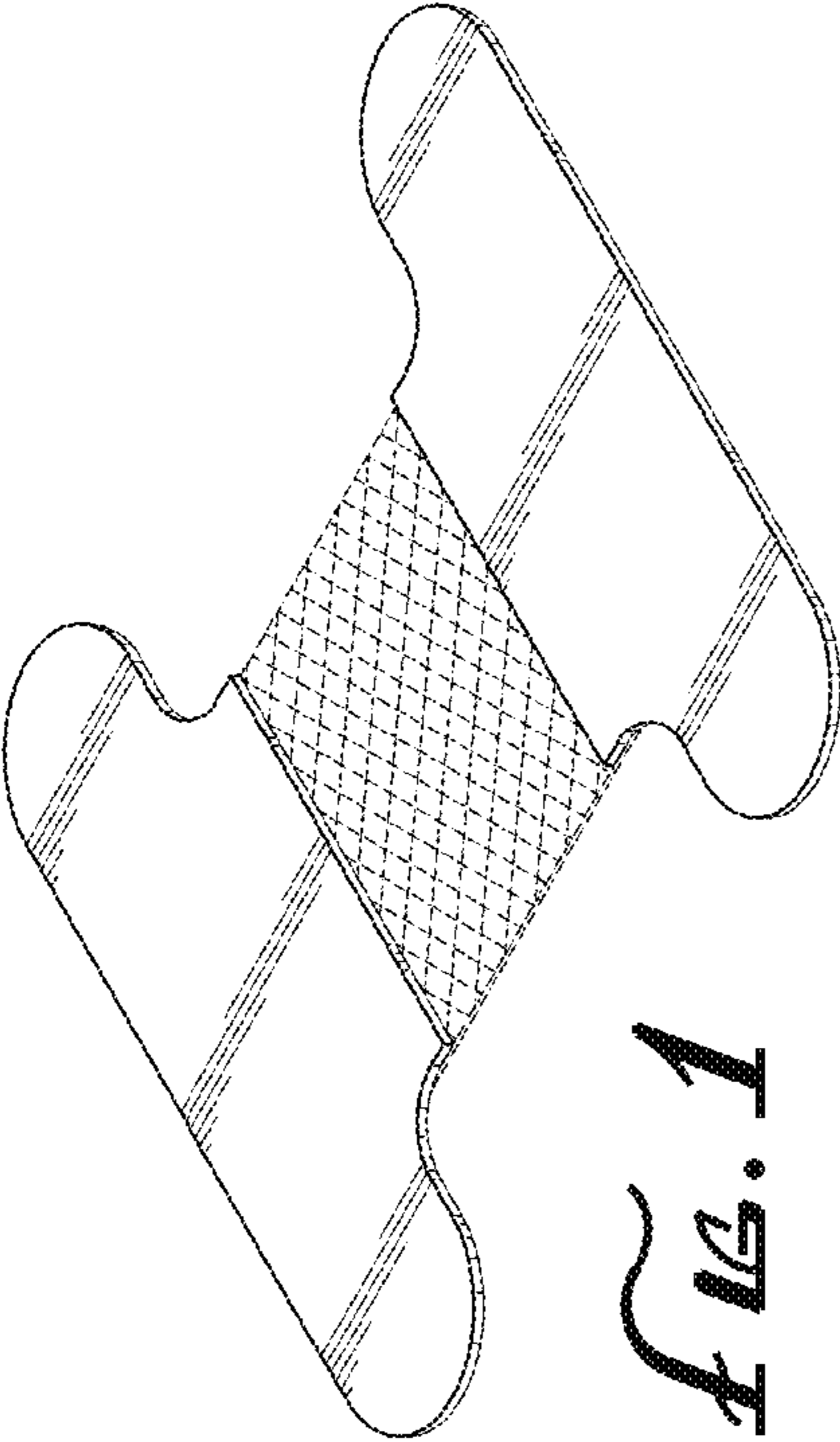


FIG. 4

FIG. 5