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(12) **United States Design Patent** (10) **Patent No.:** **US D799,712 S**  
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(54) **ACTIVE SELF-WARMING BLANKET**

FOREIGN PATENT DOCUMENTS

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**Marcus Ruland**, Neuss (DE); **Alessia Righetti**, Verona (IT); **Glenn Lundberg**, Umeå (SE)

DE 4009232 4/1991  
GB 2393732 A 4/2004  
WO WO-2009/148636 A1 12/2009

OTHER PUBLICATIONS

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Barrier Easy Warm active self-warming blanket product sheet. (2011).  
EasyWarm Instructions for use issued Jan. 2012 by Mölnlycke Health Care Pty. Ltd.  
TechTrade, Ready-Heat™ Blankets, Apr. 1, 2012, <http://www.techtradellc.com/content/ready-heat%E2%80%93panel-technology-and-designs>.

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(\*\*) Term: **14 Years**

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(21) Appl. No.: **29/510,900**

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**Related U.S. Application Data**

(62) Division of application No. 29/455,074, filed on May 16, 2013, now Pat. No. Des. 719,272.

(57) **CLAIM**

(30) **Foreign Application Priority Data**

The ornamental design for an active self-warming blanket, as shown and described.

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(Continued)

**DESCRIPTION**

(51) **LOC (10) Cl.** ..... **24-04**

(52) **U.S. Cl.**  
USPC ..... **D24/206**

(58) **Field of Classification Search**  
USPC ..... D24/187–189, 200, 206–208; D9/668,  
D9/702–703, 707, 709–711;

(Continued)

FIG. 1 is a perspective view of an active self-warming blanket showing our new design;  
FIG. 2 is a top elevational view thereof;  
FIG. 3 is a left side elevational view thereof;  
FIG. 4 is a front plan view thereof;  
FIG. 5 is a rear plan view thereof;  
FIG. 6 is a right side elevational view thereof; and,  
FIG. 7 is a bottom elevational view thereof.

(56) **References Cited**

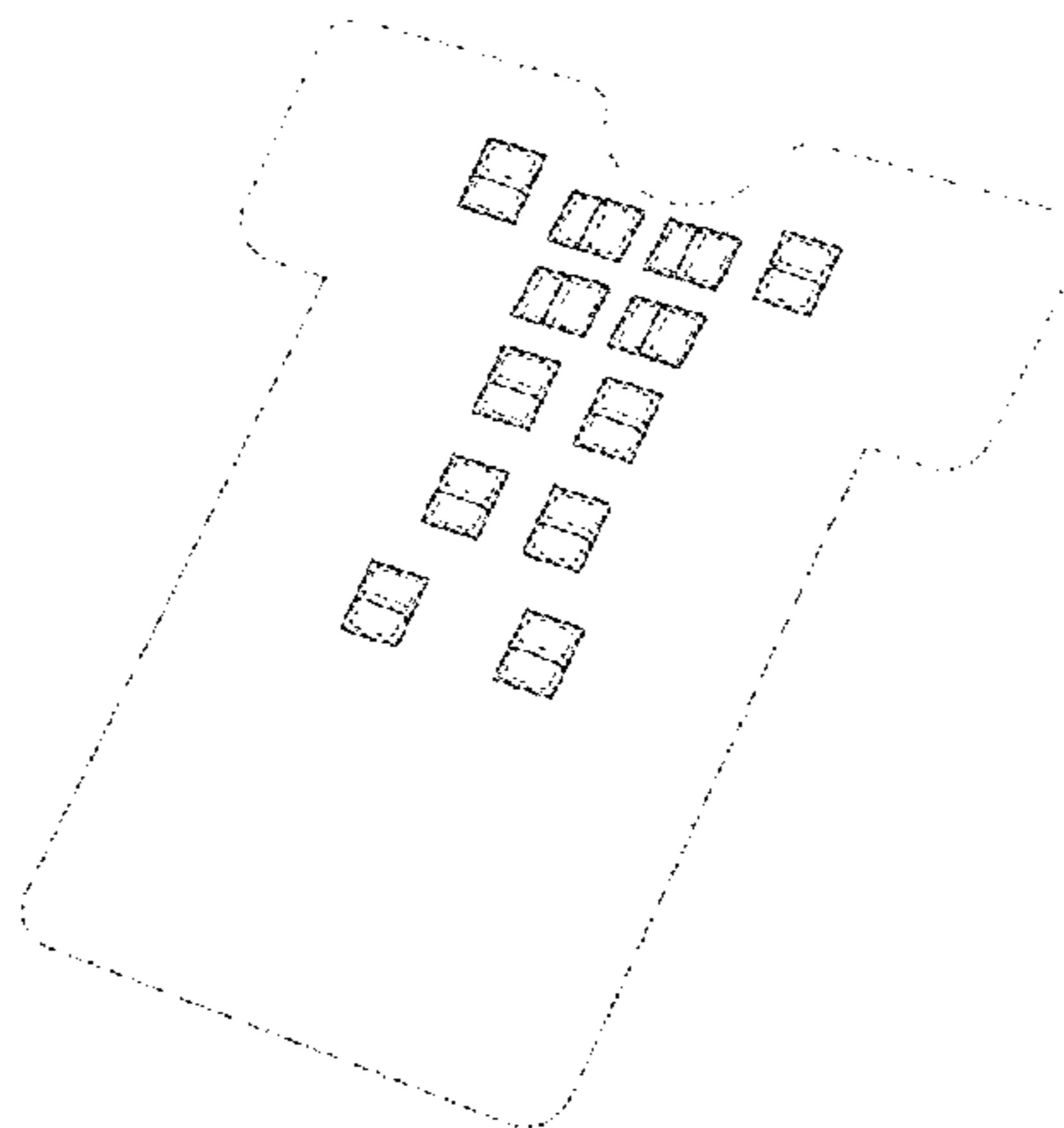
**U.S. PATENT DOCUMENTS**

2,403,676 A \* 7/1946 Modlinski ..... A41D 13/0058  
2/84

2,596,547 A 5/1952 Guest  
(Continued)

The dot-dot-dashed line disclosure in FIGS. 1-7 forms the outer environmental structure and forms no part of the claimed design. The evenly spaced short dashed line disclosure in FIGS. 1-7 represents seams and forms a part of the claimed design.

**1 Claim, 3 Drawing Sheets**



(30) Foreign Application Priority Data

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(58) Field of Classification Search

USPC ..... D6/582-583, 596, 601; 602/41, 48,  
 602/54-58; 62/4

See application file for complete search history.

(56) References Cited

U.S. PATENT DOCUMENTS

2,596,549 A 5/1952 Guest  
 3,429,315 A 2/1969 McDonald  
 4,839,934 A 6/1989 Rojas  
 5,168,590 A 12/1992 O'Sullivan  
 D348,583 S 7/1994 Rubin  
 5,386,604 A \* 2/1995 Ricketts ..... A61G 1/01  
 5/413 R  
 D364,798 S 12/1995 Bright et al.  
 D383,213 S 9/1997 Ingram  
 5,706,535 A 1/1998 Takashima  
 D393,172 S 4/1998 Brady  
 5,785,716 A 7/1998 Bayron et al.  
 D404,133 S 1/1999 Bieling  
 5,891,187 A 4/1999 Winthrop et al.  
 6,243,896 B1 \* 6/2001 Osuna ..... A47G 9/0207  
 5/482  
 6,309,409 B1 10/2001 Anderson et al.  
 6,440,160 B1 8/2002 Cordani et al.  
 D468,573 S 1/2003 Friend  
 6,523,354 B1 2/2003 Tolbert  
 6,755,852 B2 6/2004 Lachenbruch et al.  
 D498,644 S 11/2004 Root et al.  
 D504,753 S \* 5/2005 Gold ..... D2/719  
 6,934,985 B2 \* 8/2005 Sanders ..... A47G 9/0207  
 5/413 R  
 D522,299 S 6/2006 Robbins, III  
 D527,562 S 9/2006 Manning  
 D557,424 S 12/2007 Knight  
 D583,479 S \* 12/2008 Yim ..... D24/206  
 7,497,871 B2 3/2009 Iwasaki

D593,786 S 6/2009 Lown et al.  
 D613,543 S 4/2010 Tinker, Sr.  
 D615,338 S 5/2010 Balkaran  
 7,725,966 B2 6/2010 Prater et al.  
 7,763,061 B2 7/2010 Schorr et al.  
 7,766,950 B2 8/2010 Castellani et al.  
 D628,425 S 12/2010 Inui et al.  
 D628,705 S 12/2010 Usui et al.  
 D628,706 S 12/2010 Usui et al.  
 7,870,623 B2 \* 1/2011 Judd ..... A61H 7/001  
 5/486  
 D646,517 S 10/2011 Noonan  
 8,043,350 B2 10/2011 Anderson  
 D648,167 S 11/2011 Colon  
 8,192,476 B2 \* 6/2012 Scheberle ..... A41D 13/1245  
 2/102  
 D679,930 S 4/2013 Thomas  
 D683,566 S 6/2013 Schwartz  
 D702,850 S 4/2014 Yockel  
 D719,272 S 12/2014 Sundström  
 D728,111 S \* 4/2015 Walmsley ..... D24/190  
 D728,971 S \* 5/2015 Harris ..... D6/603  
 2004/0015220 A1 1/2004 Um et al.  
 2005/0211192 A1 9/2005 Nilforushan  
 2005/0228464 A1 10/2005 Hammac  
 2006/0057917 A1 3/2006 Horowitz et al.  
 2006/0100680 A1 5/2006 Brikman  
 2006/0178717 A1 8/2006 Harris et al.  
 2006/0213156 A1 9/2006 Nilfuroshan  
 2006/0276089 A1 12/2006 Amarasinghe et al.  
 2006/0276863 A1 12/2006 Kumamoto et al.  
 2007/0150033 A1 6/2007 Johnson et al.  
 2007/0284356 A1 12/2007 Findlay  
 2008/0021530 A1 \* 1/2008 Castellani ..... A61F 7/03  
 607/108  
 2008/0039913 A1 2/2008 Mizrahi  
 2008/0201818 A1 \* 8/2008 Nilforushan ..... A41D 13/005  
 2/69  
 2008/0203080 A1 8/2008 Fung  
 2009/0088825 A1 4/2009 Ota  
 2009/0096260 A1 4/2009 Long et al.  
 2009/0198311 A1 8/2009 Johnson et al.  
 2010/0010599 A1 1/2010 Chen et al.  
 2010/0089896 A1 4/2010 Bart  
 2010/0089897 A1 4/2010 Bart  
 2012/0330388 A1 12/2012 Chen et al.  
 2014/0039584 A1 2/2014 Potter et al.

\* cited by examiner

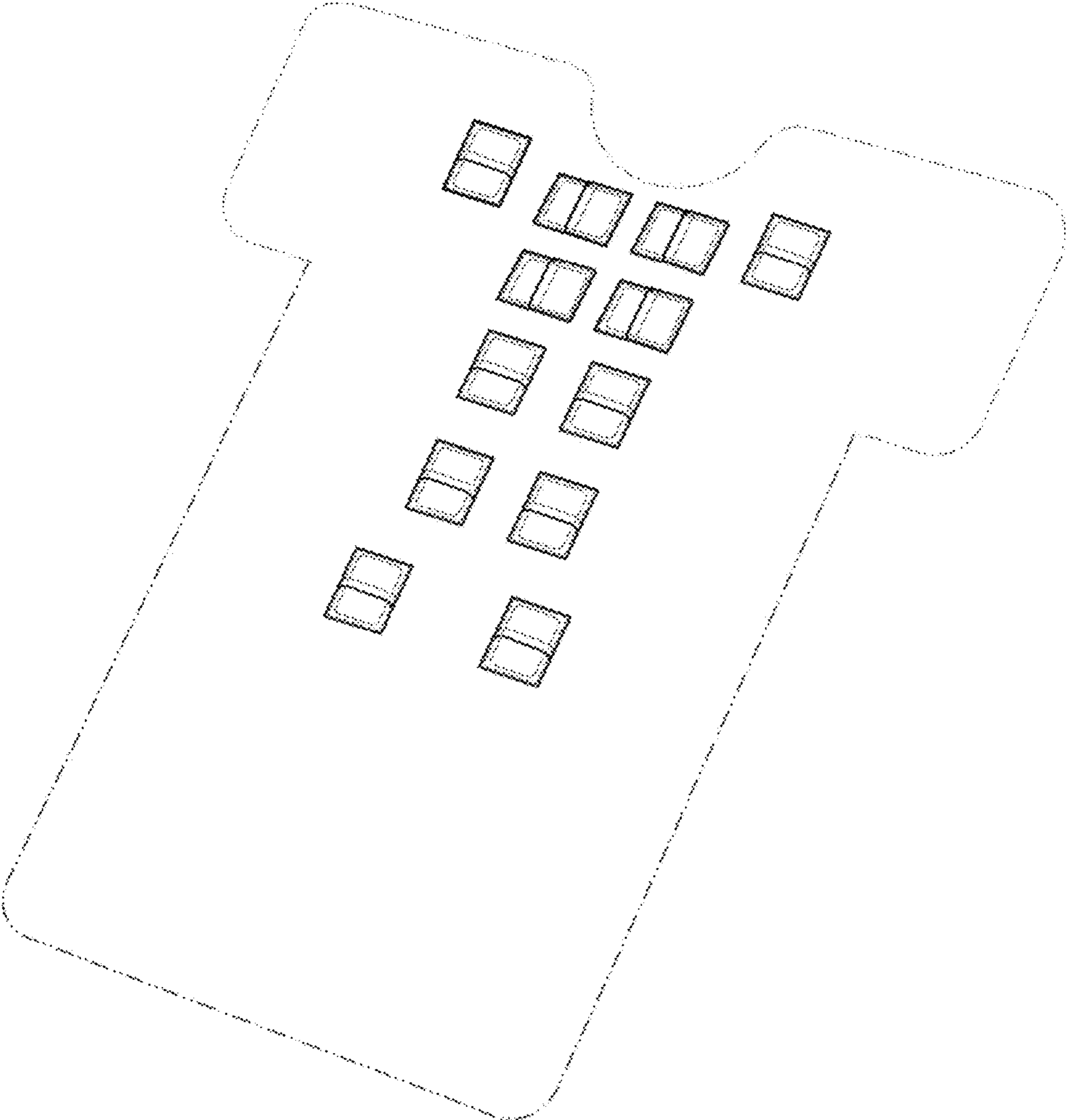


Figure 1

Figure 2

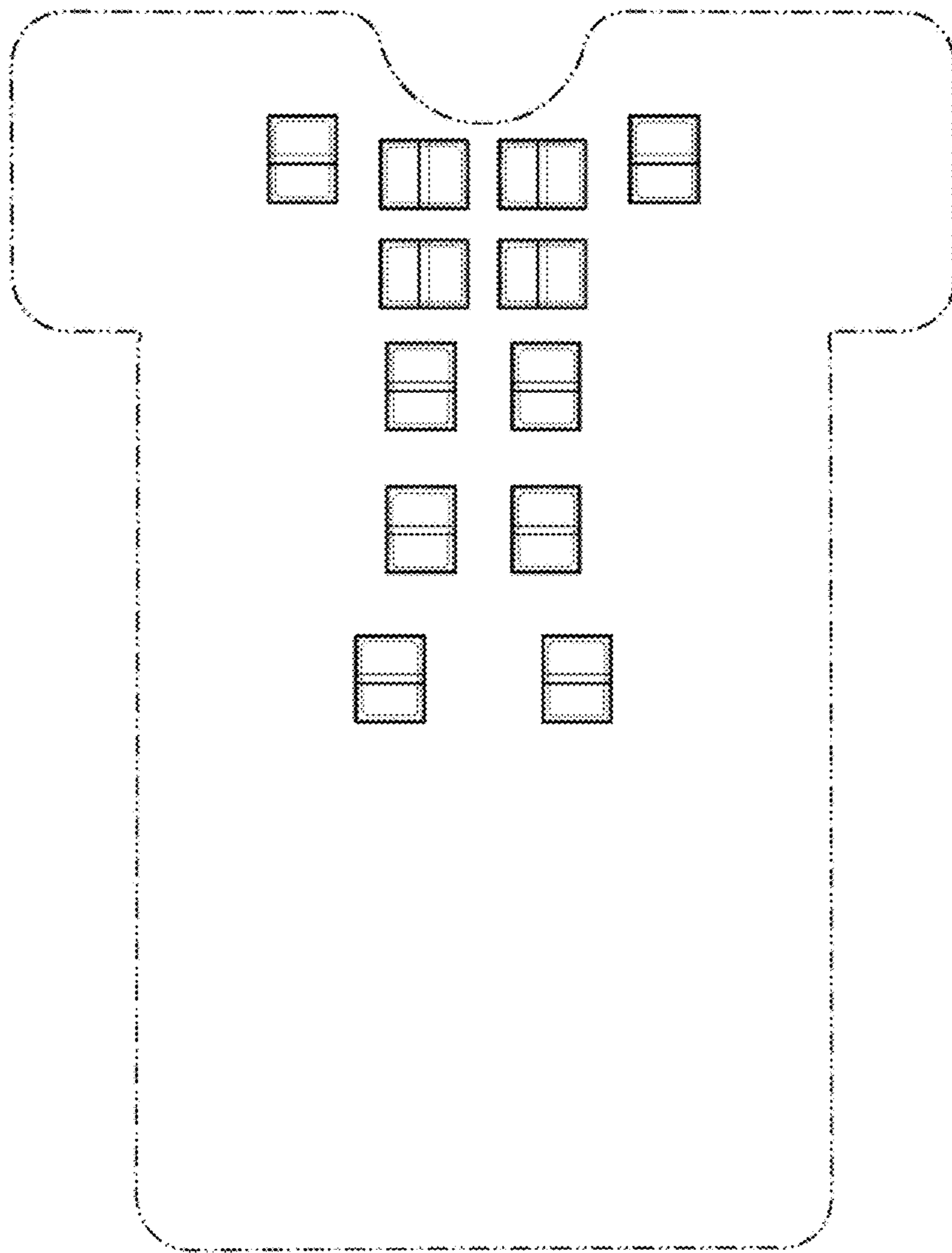


Figure 3

Figure 4

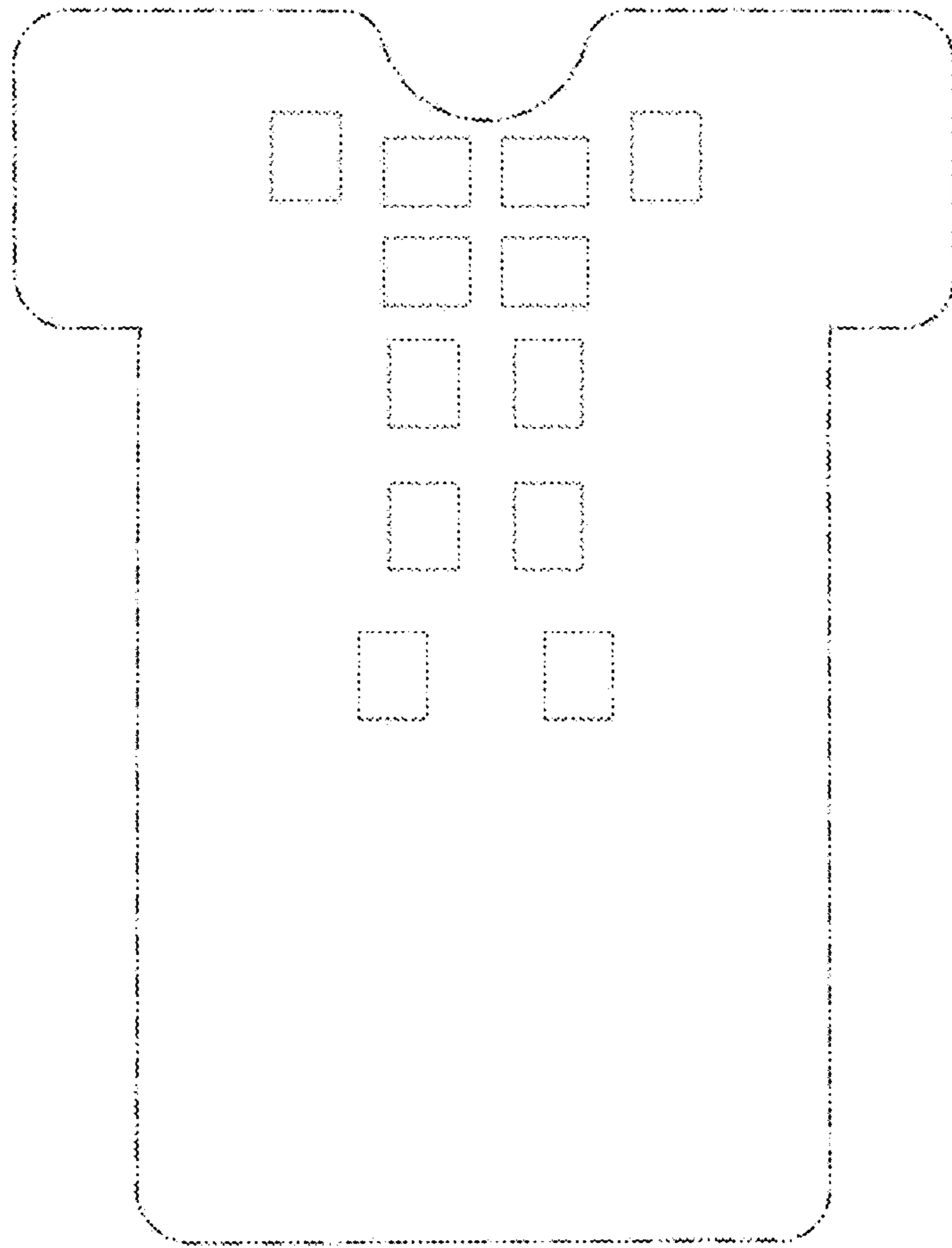


Figure 5

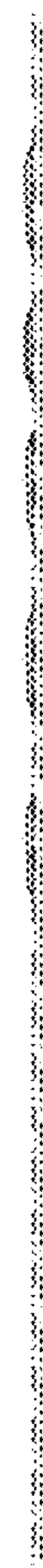


Figure 6

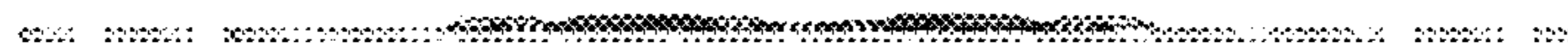


Figure 7