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(12) **United States Design Patent** (10) **Patent No.:** **US D877,739 S**
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(54) **SMARTCARD WITH Q-SHAPED CONTACT PAD**

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(52) **U.S. Cl.**
USPC **D14/436; D14/437**

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(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

D328,599 S * 8/1992 Gloton D13/182
D331,922 S * 12/1992 Gloton D14/437
(Continued)

OTHER PUBLICATIONS

http://en.wikipedia.org/wiki/Smart_card Relevant portion published at least as early as Sep. 11, 2008.

(Continued)

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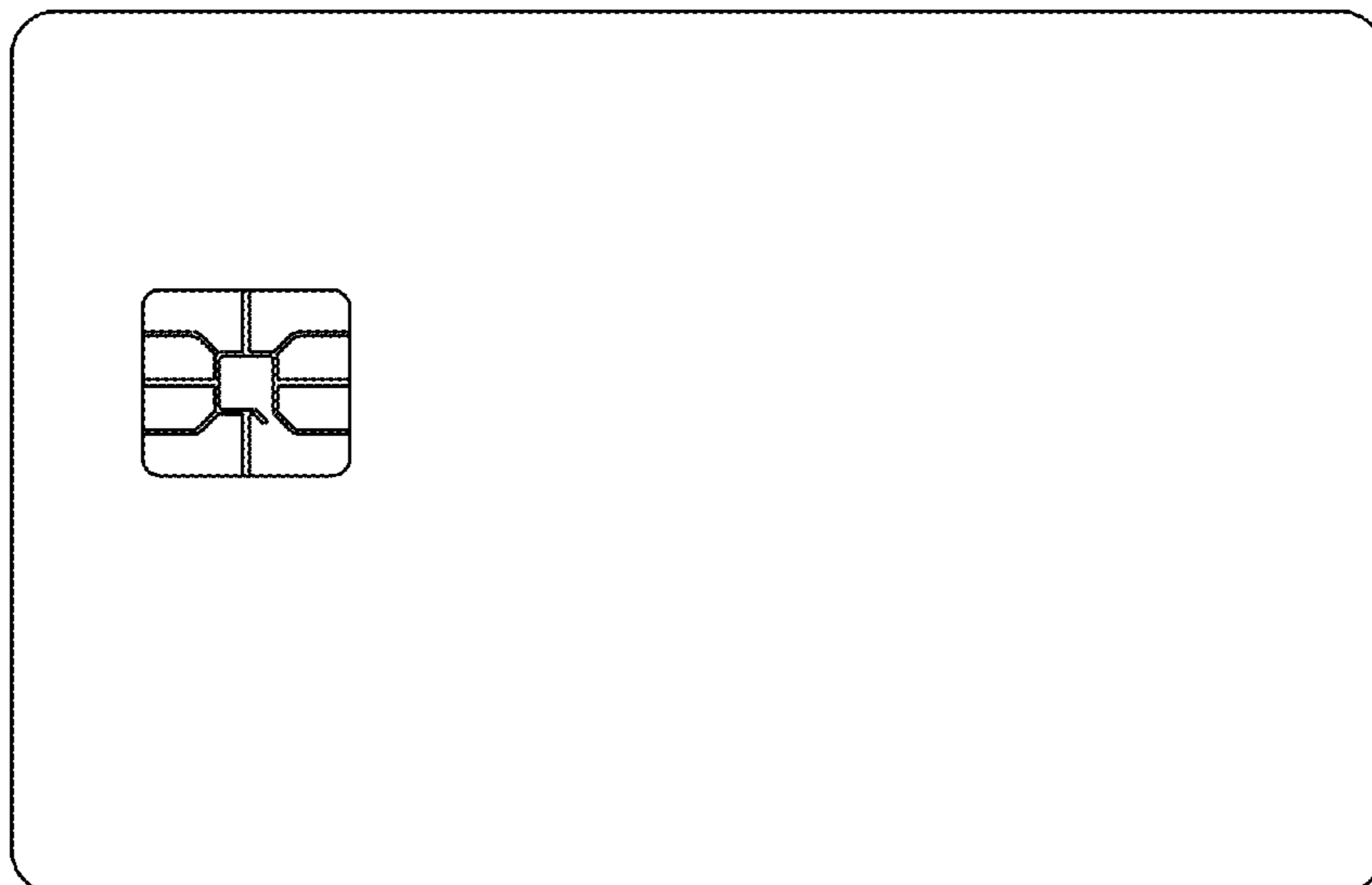
(57) **CLAIM**

The ornamental design for a smartcard with Q-shaped contact pad, as shown and described herein.

DESCRIPTION

FIG. 1 is a front view of a smartcard with Q-shaped contact pad.
FIG. 2 is a right side view of the smartcard with Q-shaped contact pad; and,
FIG. 3 is a left side view of the smartcard with Q-shaped contact pad.
The back panel of the smartcard with Q-shaped contact pad is unornamented and forms no part of the design claim.

1 Claim, 1 Drawing Sheet



(58) **Field of Classification Search**

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See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D358,142 S * 5/1995 Gloton D14/437
 D365,092 S * 12/1995 Mundigl D14/437
 5,670,750 A * 9/1997 Lauffer H05K 1/0206
 174/262
 D388,066 S * 12/1997 Ishihara D14/437
 D405,779 S * 2/1999 Huber D14/437
 D412,164 S * 7/1999 Laviron D14/437
 D427,577 S * 7/2000 Haas D14/437

D473,199 S * 4/2003 Sako D13/182
 D567,244 S * 4/2008 Frallicciardi D14/437
 D568,836 S * 5/2008 Ohsawa D13/182
 D574,384 S * 8/2008 Knoch D14/436
 D585,394 S * 1/2009 Ohsawa D13/182
 D589,010 S * 3/2009 Di Stefano D13/182
 D589,011 S * 3/2009 Di Stefano D13/182
 8,683,674 B2 * 4/2014 Di Stefano G01R 31/2867
 29/596
 D720,354 S * 12/2014 Komatsu D14/437
 9,346,151 B2 * 5/2016 Di Stefano B25B 5/06
 D798,868 S * 10/2017 Daniel D14/436
 D800,132 S * 10/2017 Maus D14/435.1
 10,032,162 B2 * 7/2018 Maus H04L 63/0853
 D855,617 S * 8/2019 Williams D14/436
 2003/0162376 A1 * 8/2003 Contopanagos H01L 27/08
 438/584
 2004/0133787 A1 * 7/2004 Doughty G06Q 20/327
 713/186
 2005/0029343 A1 * 2/2005 Neymann G06K 19/07354
 235/380
 2006/0161789 A1 * 7/2006 Doughty G06Q 20/327
 713/186
 2012/0118952 A1 * 5/2012 Norair G06K 7/0008
 235/380
 2013/0026238 A1 * 1/2013 Benato G06K 19/07722
 235/492
 2013/0084918 A1 * 4/2013 Sheshadri H04B 1/3816
 455/558
 2014/0097253 A1 * 4/2014 Benato G06K 19/07749
 235/488
 2015/0186663 A1 * 7/2015 Schmidt G06F 21/62
 345/173
 2017/0061273 A1 * 3/2017 Coppola G06K 19/07743
 2017/0289127 A1 * 10/2017 Hendrick G06K 19/0704
 2018/0108018 A1 * 4/2018 Lee G06Q 20/4014
 2019/0050623 A1 * 2/2019 Lavin G06K 9/0012
 2019/0073578 A1 * 3/2019 Lowe G06K 19/06196

OTHER PUBLICATIONS

https://www.google.com/search?q=usb+key&biw=1150&bih=524&source=lnms&tbm=isch&sa=X&ved=0ahUKEwia0uXDrbDPAhVEIB4KHWf5AT8Q_AUIBygC Relevant portion published at least as early as Aug. 11, 2012.

* cited by examiner

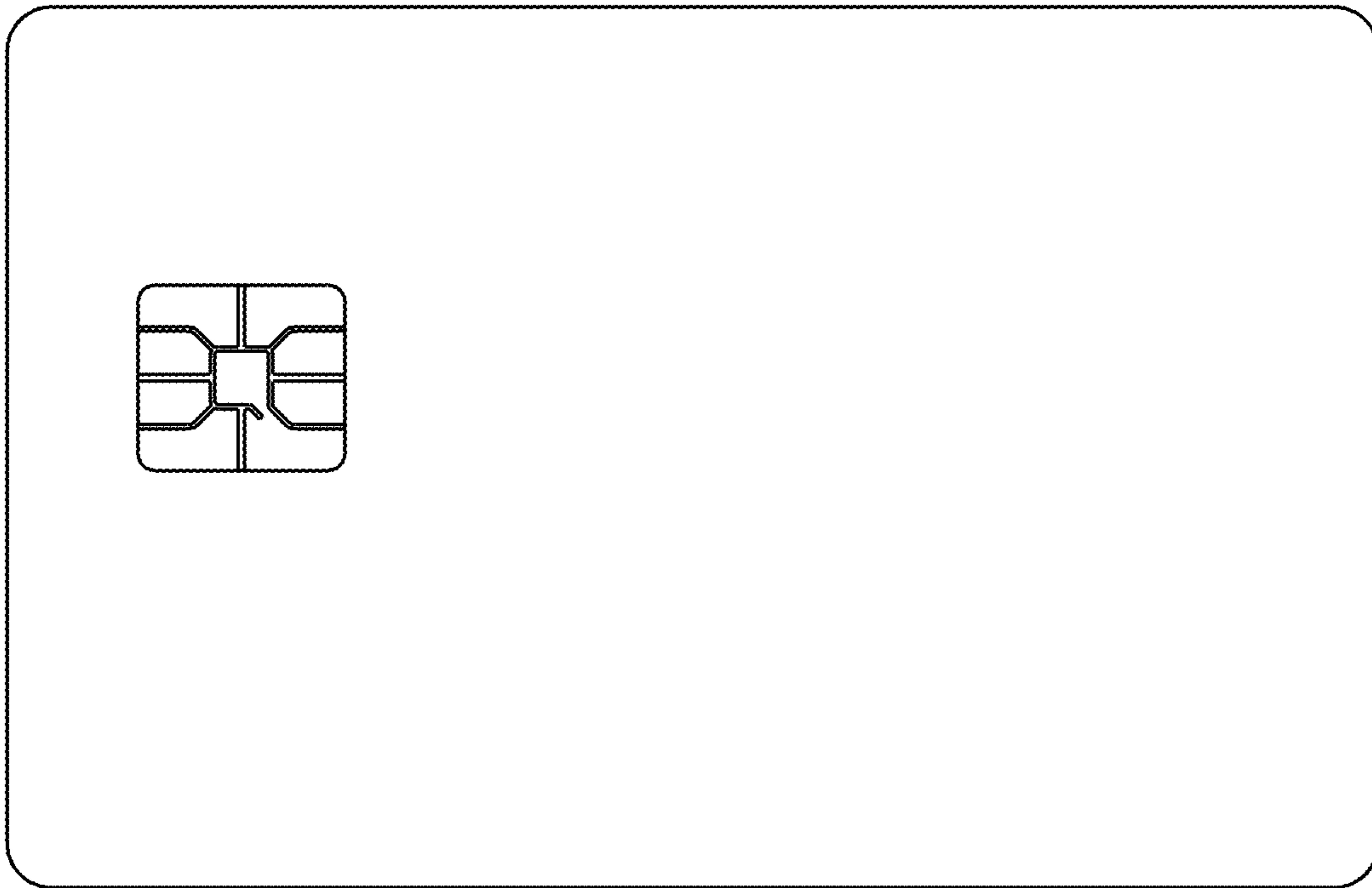


FIG. 1



FIG. 2



FIG. 3