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(12) **United States Design Patent**  
**Nicklaus et al.**

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(54) **INTERACTIVE ELECTRONIC CARD WITH DISPLAY AND BUTTONS**

4,786,791 A 11/1988 Hodama  
4,791,283 A 12/1988 Burkhardt  
4,797,542 A 1/1989 Hara  
5,038,251 A 8/1991 Sugiyama et al.  
5,168,520 A 12/1992 Weiss  
5,237,614 A 8/1993 Weiss

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(Continued)

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**FOREIGN PATENT DOCUMENTS**

(\*) Notice: This patent is subject to a terminal disclaimer.

JP 05210770 A 8/1993  
WO WO9852735 11/1998

(Continued)

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

**OTHER PUBLICATIONS**

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U.S. Appl. No. 60/594,300, Poidomani et al.

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(51) **LOC (10) Cl.** ..... **19-08**

(52) **U.S. Cl.**

USPC ..... **D19/9**

(58) **Field of Classification Search**

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40/124.01-124.15, 672, 661, 726, 776,  
40/617; 283/72, 74-75, 103, 105-117, 82,  
283/70, 94, 81, 904; 206/449, 815;  
D21/385; D20/10, 22, 27, 40, 42, 11;  
D14/435-437; 235/380-382, 487, 493,  
235/488; D6/613, 583

CPC .. B42D 15/022; B42D 15/042; B42D 15/045;  
B42D 15/027; G09F 1/00; G09F 1/02

See application file for complete search history.

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(57) **CLAIM**

The ornamental design for an interactive electronic card with display and buttons, as shown and described.

**DESCRIPTION**

FIG. 1 is a front, bottom, and left side perspective view of our new design for an interactive electronic card with display and buttons;

FIG. 2 is a back, top, and left side perspective view thereof;

FIG. 3 is a front side view thereof;

FIG. 4 is a back side view thereof;

FIG. 5 is a top side view thereof;

FIG. 6 is a bottom side view thereof;

FIG. 7 is a left side view thereof; and,

FIG. 8 is a right side view thereof.

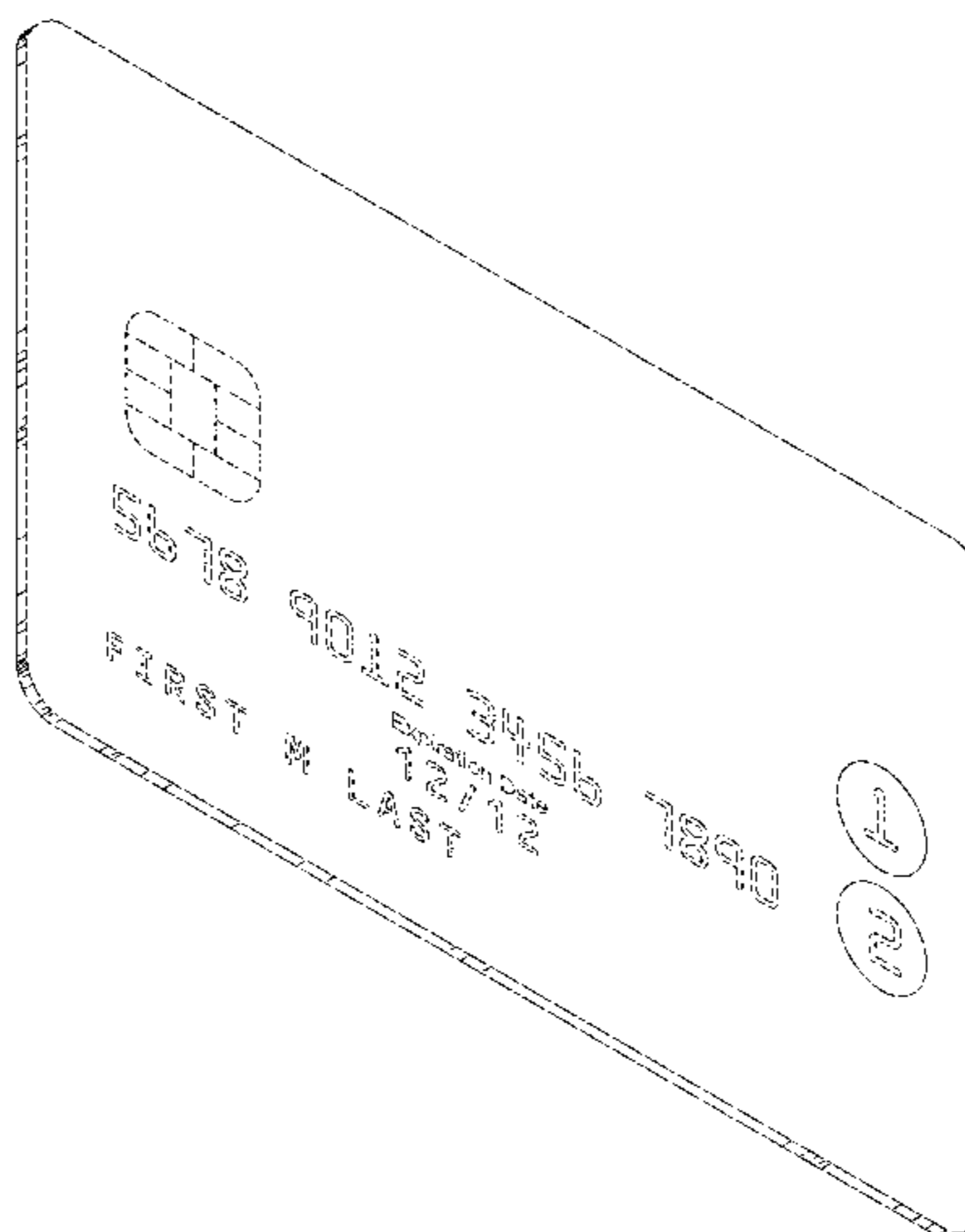
The broken lines showing environment in the drawings are for illustrative purposes only and form no part of the claimed design.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

4,353,064 A 10/1982 Stamm  
4,394,654 A 7/1983 Hofmann-Cerfontaine  
4,614,861 A 9/1986 Pavlov et al.  
4,667,087 A 5/1987 Quintana  
4,701,601 A 10/1987 Francini et al.  
4,720,860 A 1/1988 Weiss

**1 Claim, 5 Drawing Sheets**





(56)

## References Cited

## U.S. PATENT DOCUMENTS

2003/0179910 A1 9/2003 Wong  
 2003/0226899 A1 12/2003 Finkelstein  
 2004/0035942 A1 2/2004 Silverman  
 2004/0133787 A1 7/2004 Doughty  
 2004/0162732 A1 8/2004 Rahim et al.  
 2004/0172535 A1 9/2004 Jakobsson  
 2004/0177045 A1 9/2004 Brown  
 2005/0043997 A1 2/2005 Sohata et al.  
 2005/0080747 A1 4/2005 Anderson et al.  
 2005/0086160 A1 4/2005 Wong et al.  
 2005/0086177 A1 4/2005 Anderson et al.  
 2005/0116026 A1 6/2005 Burger et al.  
 2005/0119940 A1 6/2005 Concilio et al.  
 2005/0154643 A1 7/2005 Doan et al.  
 2005/0228959 A1 10/2005 D'Albore et al.  
 2006/0000900 A1 1/2006 Fernandes et al.  
 2006/0037073 A1 2/2006 Juels et al.  
 2006/0041759 A1 2/2006 Kaliski et al.  
 2006/0085328 A1 4/2006 Cohen et al.  
 2006/0091223 A1 5/2006 Zellner  
 2006/0161435 A1 7/2006 Atef et al.  
 2006/0163353 A1 7/2006 Moulette et al.  
 2006/0174104 A1 8/2006 Crichton et al.  
 2006/0196931 A1 9/2006 Holtmanns et al.  
 2006/0256961 A1 11/2006 Brainard et al.  
 2007/0034700 A1 2/2007 Poidomani et al.  
 2007/0114274 A1 5/2007 Gibbs et al.  
 2007/0124321 A1 5/2007 Szydlo  
 2007/0152070 A1 7/2007 D'Albore  
 2007/0152072 A1 7/2007 Frallicciardi et al.  
 2007/0153487 A1 7/2007 Frallicciardi et al.  
 2007/0174614 A1 7/2007 Duane et al.  
 2007/0192249 A1 8/2007 Biffle et al.  
 2007/0241183 A1 10/2007 Brown et al.  
 2007/0241201 A1 10/2007 Brown et al.  
 2007/0256123 A1 11/2007 Duane et al.  
 2007/0291753 A1 12/2007 Romano  
 2008/0005510 A1 1/2008 Sepe et al.  
 2008/0008315 A1 1/2008 Fontana et al.  
 2008/0008322 A1 1/2008 Fontana et al.  
 2008/0010675 A1 1/2008 Massascusa et al.  
 2008/0016351 A1 1/2008 Fontana et al.  
 2008/0019507 A1 1/2008 Fontana et al.  
 2008/0028447 A1 1/2008 O'Malley et al.

2008/0040271 A1 2/2008 Hammad et al.  
 2008/0040276 A1 2/2008 Hammad et al.  
 2008/0058016 A1 3/2008 Di Maggio et al.  
 2008/0059379 A1 3/2008 Ramaci et al.  
 2008/0096326 A1 4/2008 Reed  
 2008/0126398 A1 5/2008 Cimino  
 2008/0128515 A1 6/2008 Di Iorio  
 2008/0148394 A1 6/2008 Poidomani et al.  
 2008/0201264 A1 8/2008 Brown et al.  
 2008/0209550 A1 8/2008 Di Iorio  
 2008/0288699 A1 11/2008 Chichierchia  
 2008/0294930 A1 11/2008 Varone et al.  
 2008/0302877 A1 12/2008 Musella et al.  
 2009/0013122 A1 1/2009 Sepe et al.  
 2009/0036147 A1 2/2009 Romano  
 2009/0046522 A1 2/2009 Sepe et al.  
 2009/0108064 A1 4/2009 Fernandes et al.  
 2009/0150295 A1 6/2009 Hatch et al.  
 2009/0152365 A1 6/2009 Li et al.  
 2009/0242648 A1 10/2009 Di Sirio et al.  
 2009/0244858 A1 10/2009 Di Sirio et al.  
 2009/0253460 A1 10/2009 Varone et al.  
 2009/0255996 A1 10/2009 Brown et al.  
 2009/0290704 A1 11/2009 Cimino  
 2009/0303885 A1 12/2009 Longo  
 2011/0028184 A1 2/2011 Cooper

## FOREIGN PATENT DOCUMENTS

WO WO0247019 6/2002  
 WO WO2006066322 6/2006  
 WO WO2006080929 8/2006  
 WO WO2006105092 10/2006  
 WO WO2006116772 11/2006  
 WO WO2008064403 6/2008

## OTHER PUBLICATIONS

U.S. Appl. No. 60/675,388, Poidomani et al.  
 The Bank Credit Card Business. Second Edition, American Bankers Association, Washington, D.C., 1996.  
 A Day in the Life of a Flux Reversal. <http://www.phrack.org/issues.html?issue=37&id=6#article>. As viewed on Apr. 12, 2010.  
 Dynamic Virtual Credit Card Numbers. <http://homes.cerias.purdue.edu/~jtli/paper/fc07.pdf>. As viewed on Apr. 14, 2010.  
 English translation of JP 05210770 A.

\* cited by examiner

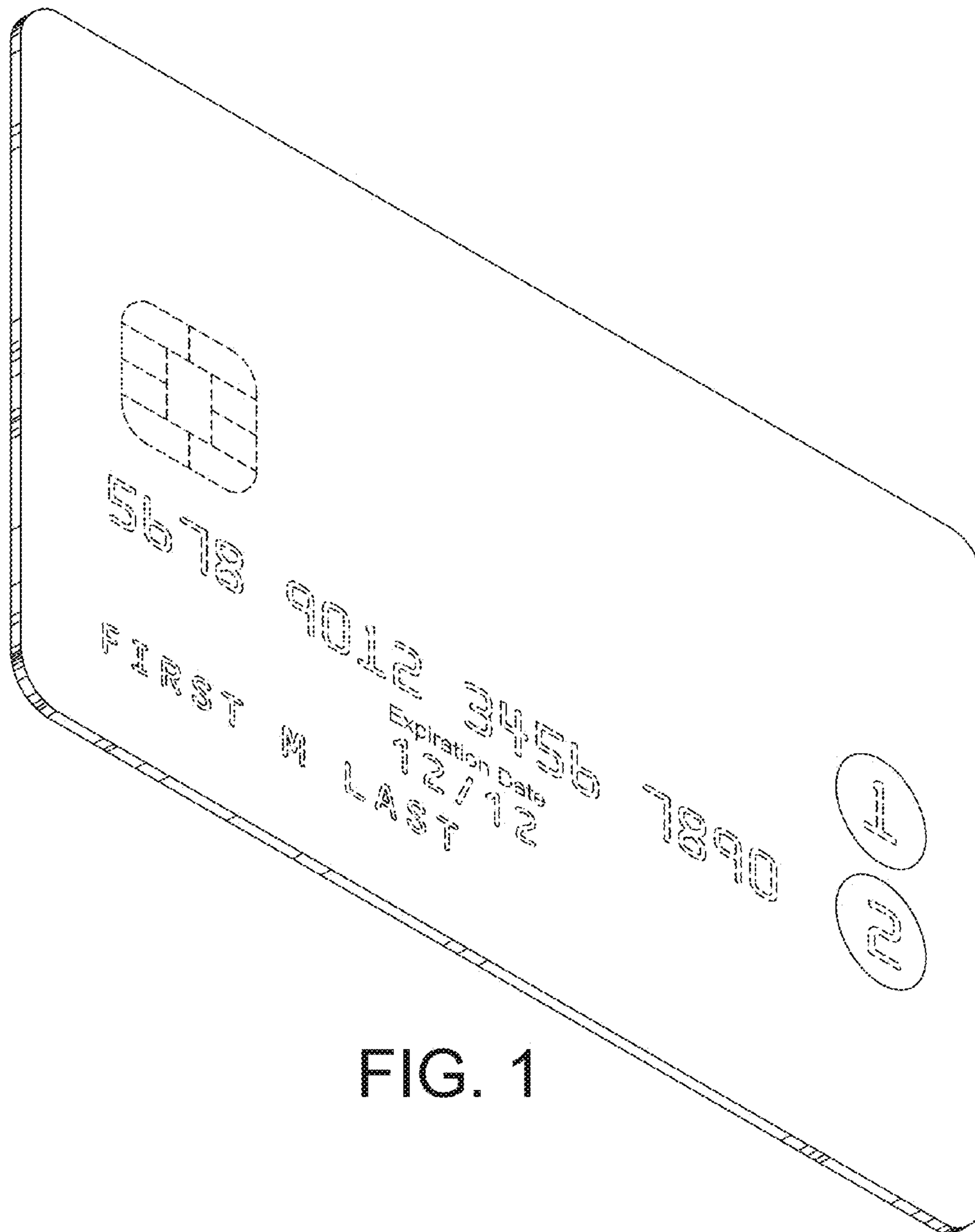


FIG. 1

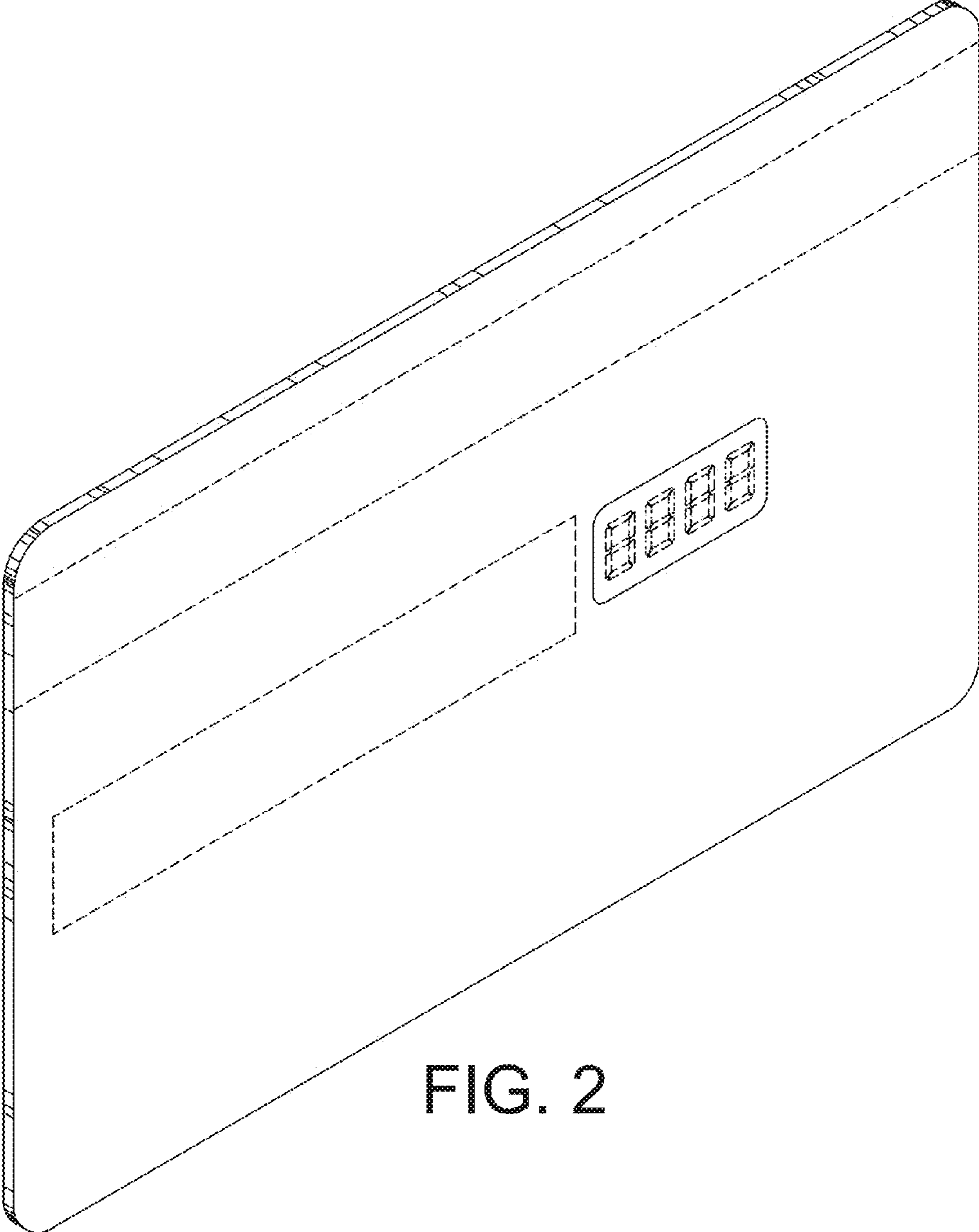


FIG. 2

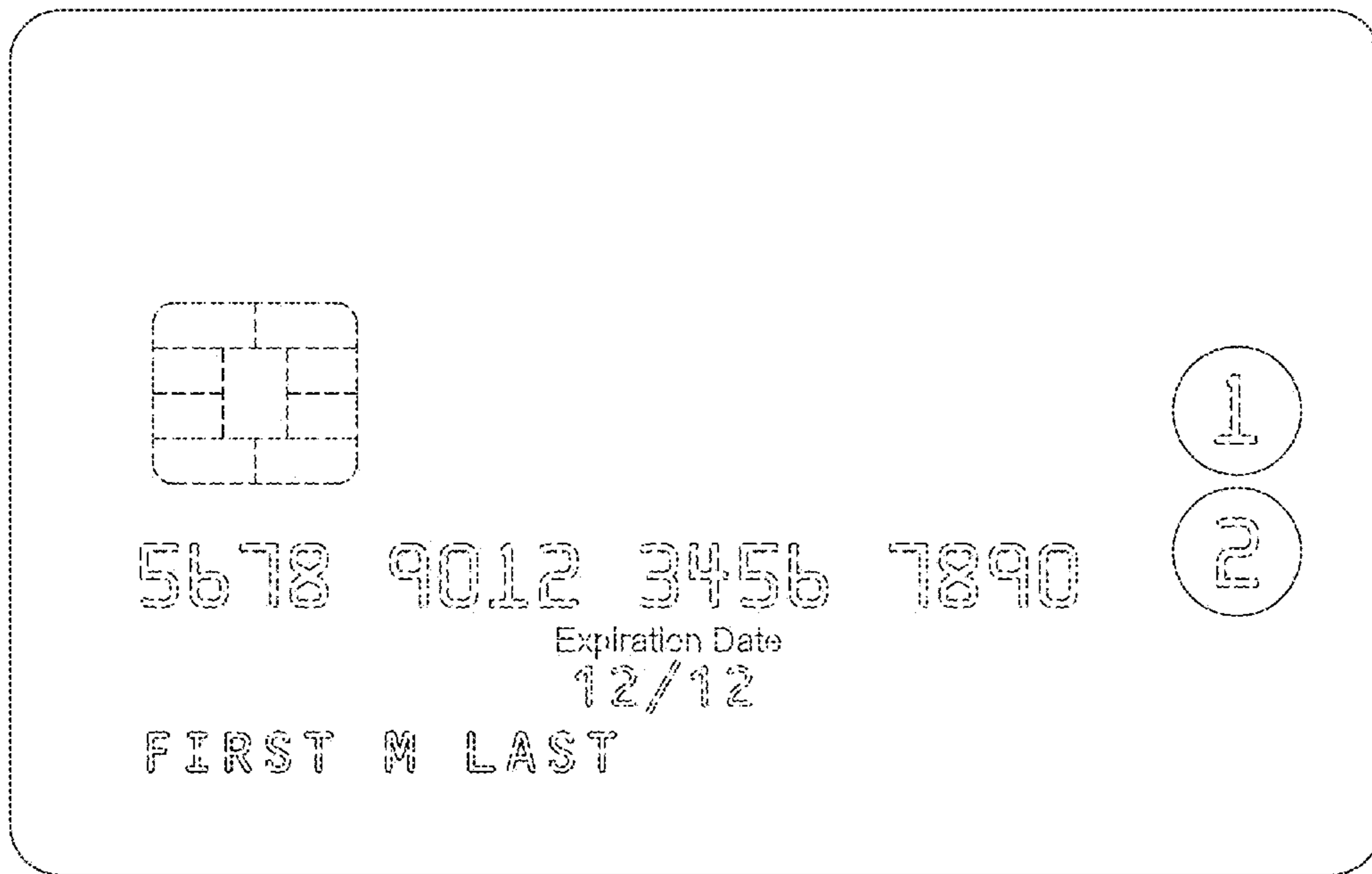


FIG. 3

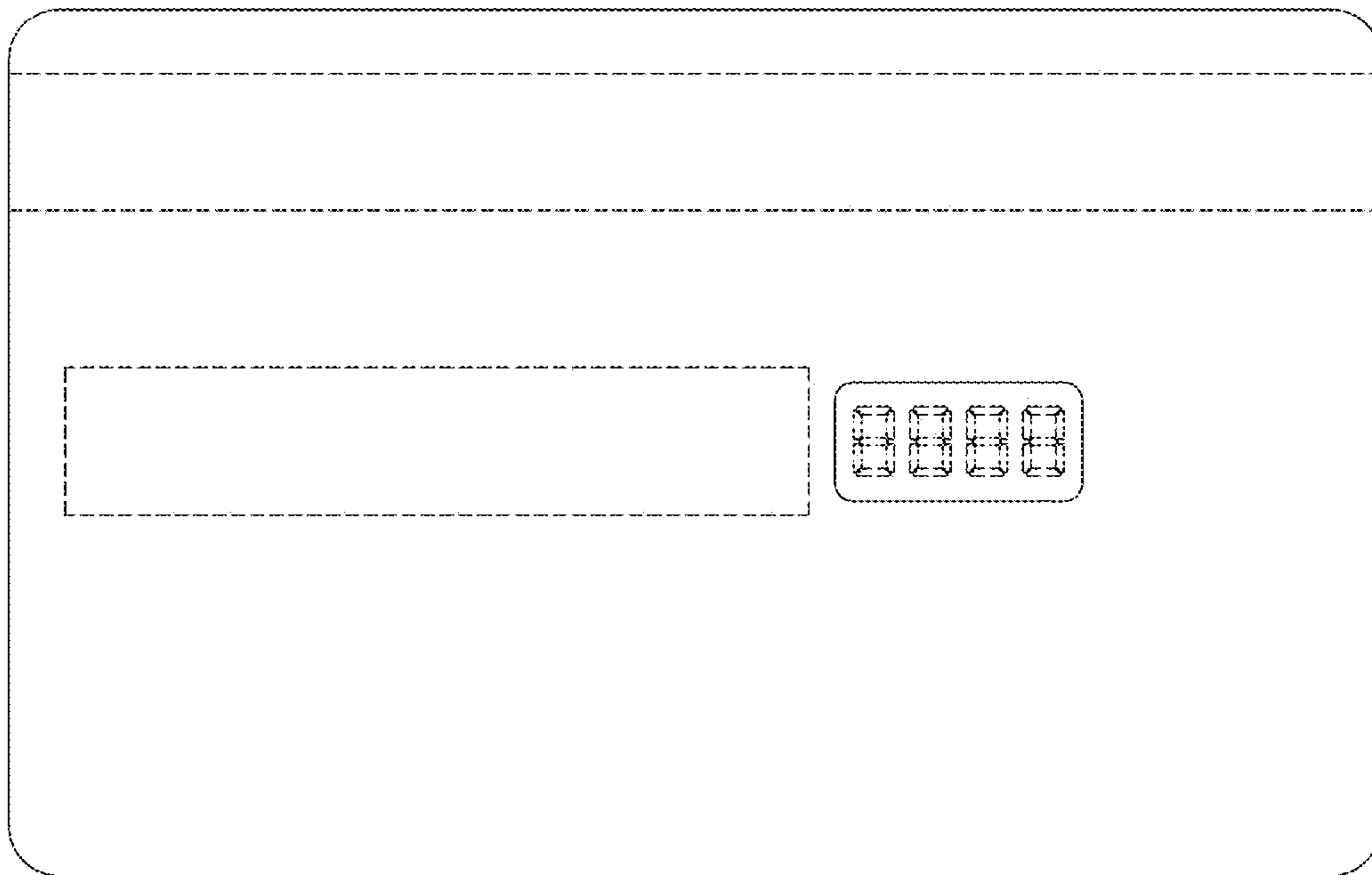


FIG. 4

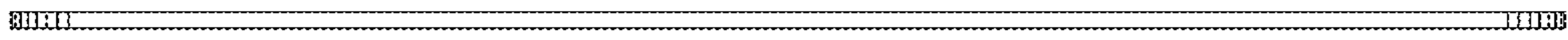


FIG. 5

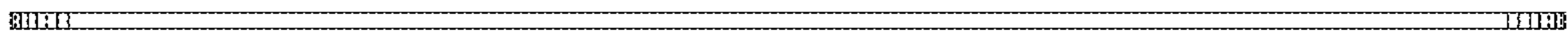


FIG. 6



FIG. 7



FIG. 8