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Mullen et al.

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

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

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(51) **LOC (9) Cl.** **19-08**

(52) **U.S. Cl.** **D19/10**

(58) **Field of Classification Search** D19/1-12,
D19/20-34; 40/124.01-124.15, 661, 672,
40/726, 776; 283/72, 74-75, 103, 105-107,
283/82, 70, 94; D21/385; D20/10-11, 22,
D20/27, 40, 42; D14/435-437; 360/2; 235/380,
235/382

See application file for complete search history.

(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
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
5,276,311 A	1/1994	Hennige
5,347,580 A	9/1994	Molva et al.
5,361,062 A	11/1994	Weiss et al.
5,412,199 A	5/1995	Finkelstein et al.
5,434,398 A	7/1995	Goldberg
5,434,405 A	7/1995	Finkelstein et al.
5,478,994 A	12/1995	Rahman et al.
5,479,512 A	12/1995	Weiss
5,484,997 A	1/1996	Haynes
5,485,519 A	1/1996	Weiss

5,585,787 A	12/1996	Wallerstein
5,591,949 A	1/1997	Bernstein
5,608,203 A	3/1997	Finkelstein et al.
5,623,552 A	4/1997	Lane
5,657,388 A	8/1997	Weiss
5,834,747 A	11/1998	Cooper
5,834,756 A	11/1998	Gutman et al.
5,856,661 A	1/1999	Finkelstein et al.
5,864,623 A	1/1999	Messina et al.
5,907,142 A	5/1999	Kelsey
5,913,203 A	6/1999	Wong et al.

(Continued)

FOREIGN PATENT DOCUMENTS

JP	05210770 A	8/1993
WO	WO9852735	11/1998

(Continued)

OTHER PUBLICATIONS

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

(Continued)

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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 front, 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;

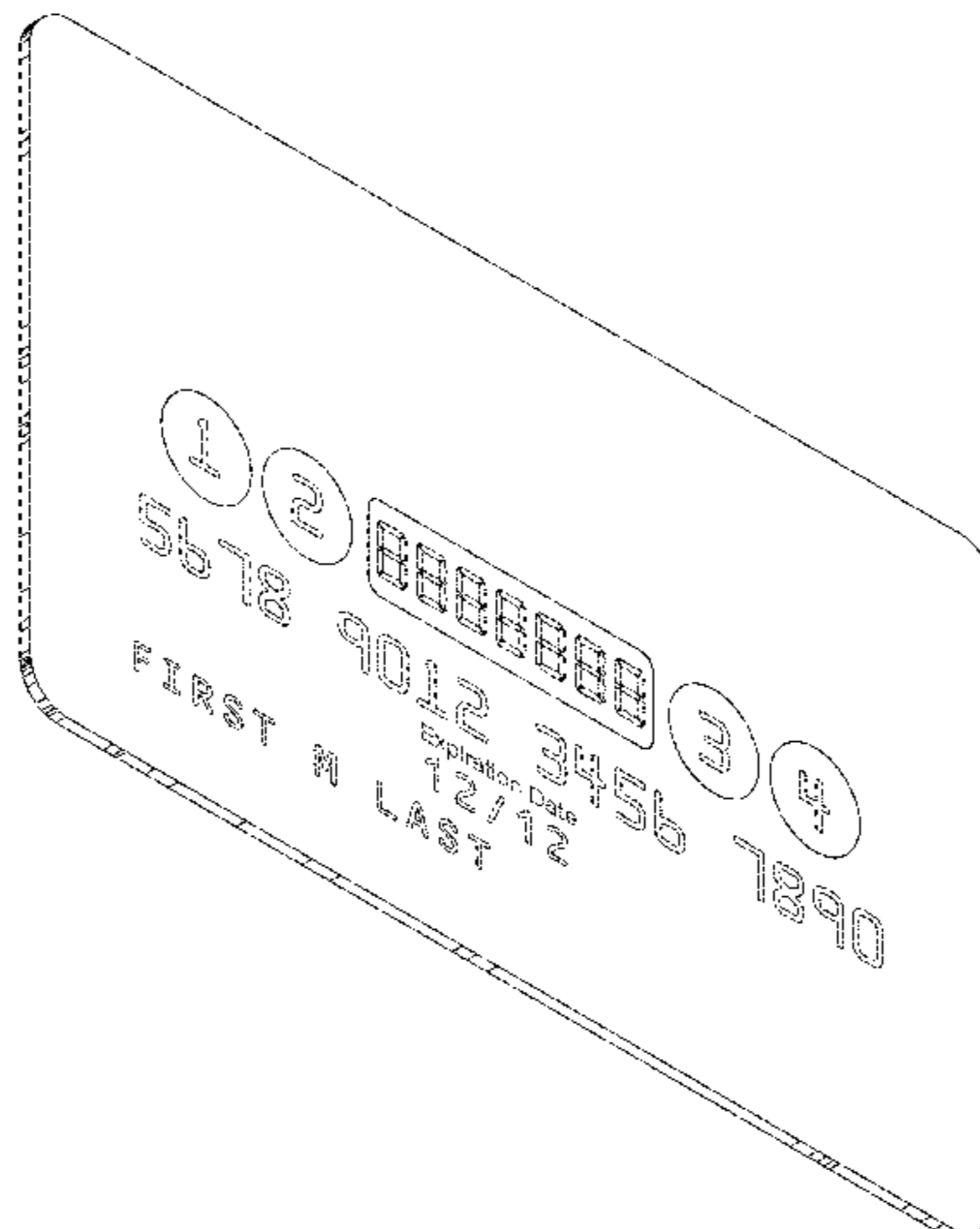
FIG. 6 is a bottom side view thereof;

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.

1 Claim, 5 Drawing Sheets



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2007/0241183 A1 10/2007 Brown et al.
2007/0241201 A1 10/2007 Brown et al.
2007/0256123 A1 11/2007 Duane et al.
2007/0192249 A1 12/2007 Biffle 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. 12, 2010.
English translation of JP 05210770 A.

* cited by examiner

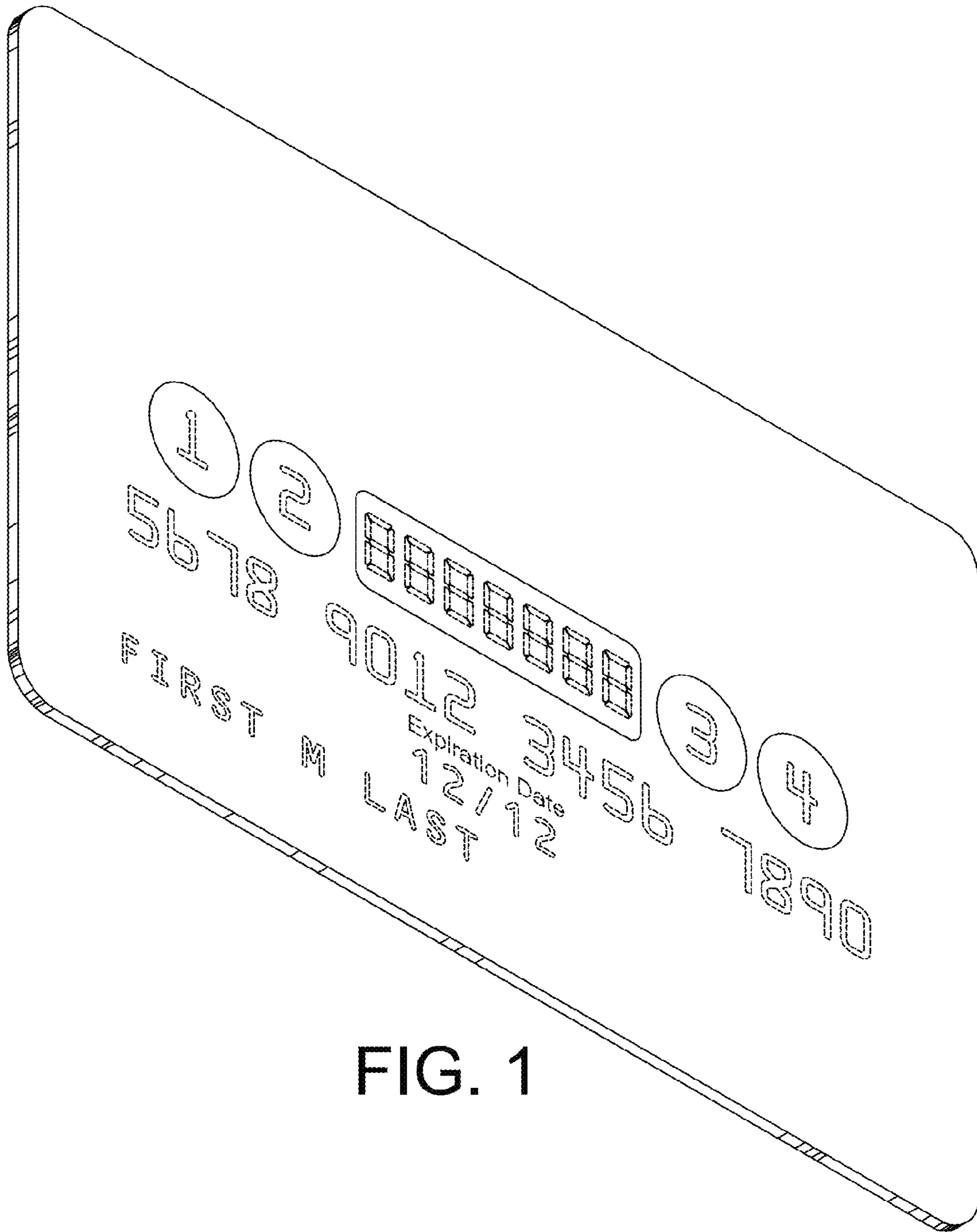


FIG. 1

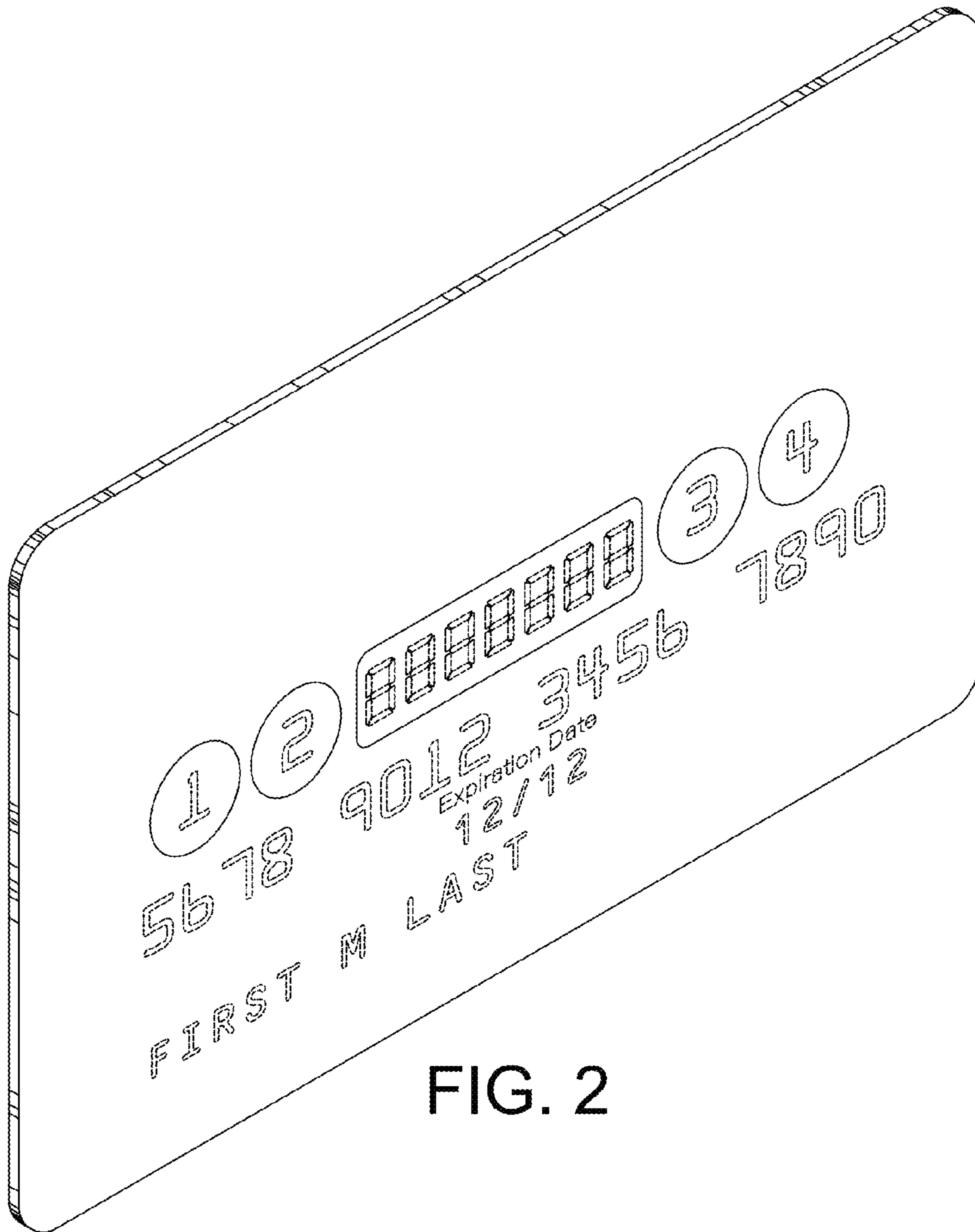


FIG. 2

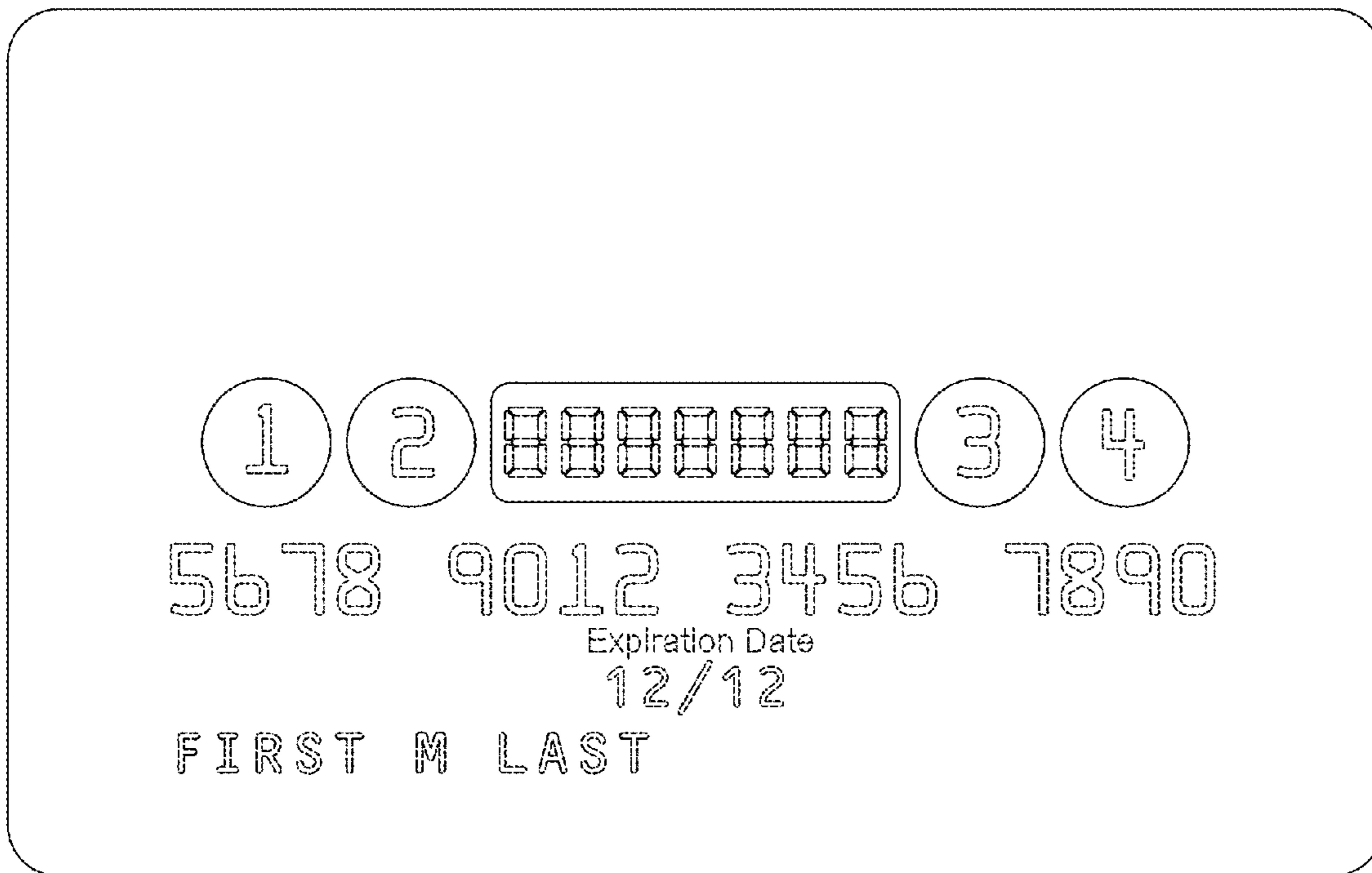


FIG. 3

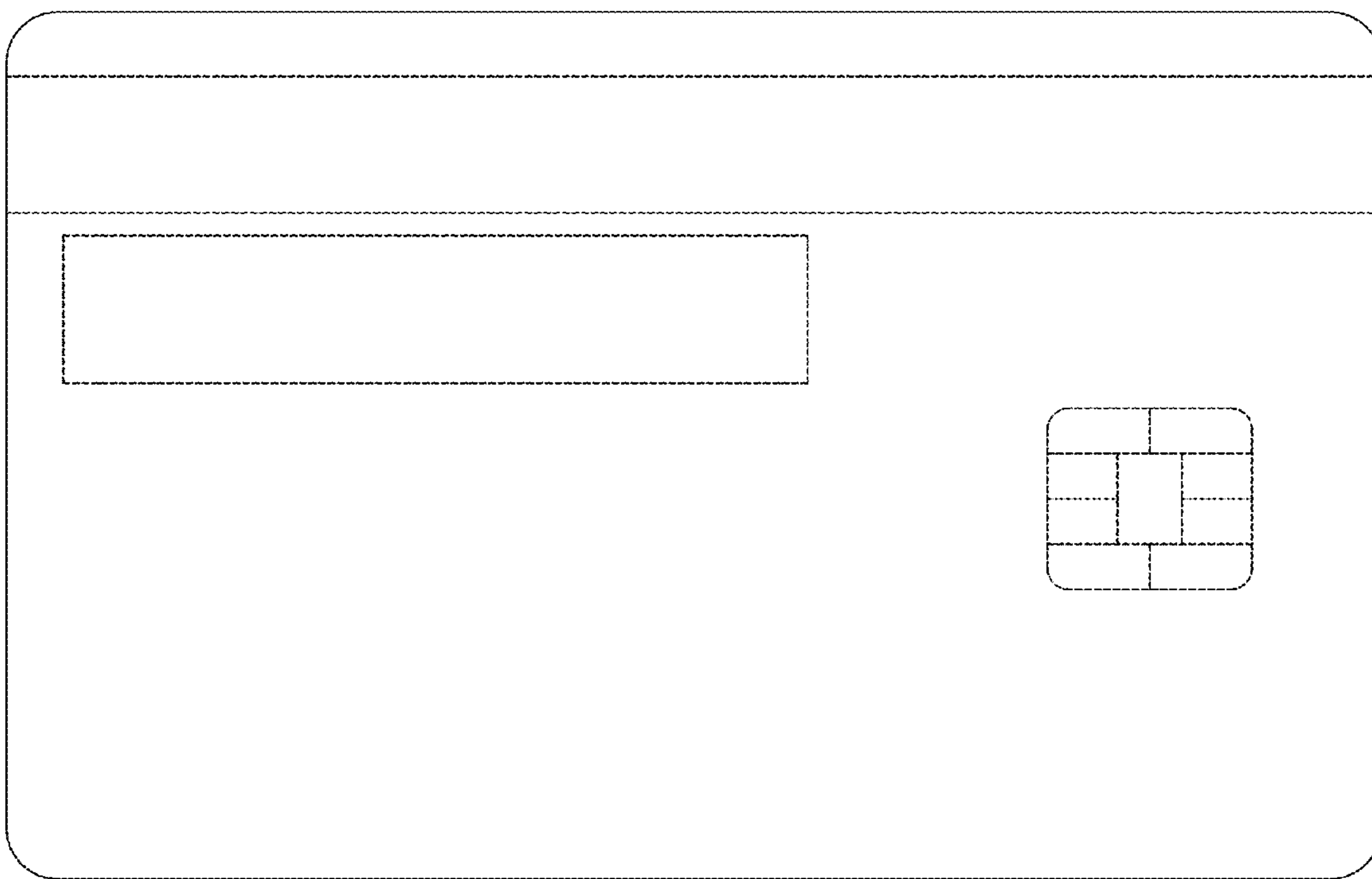


FIG. 4

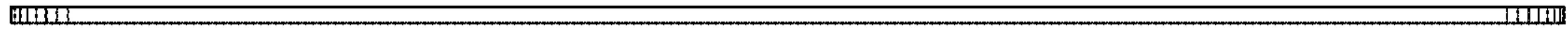


FIG. 5

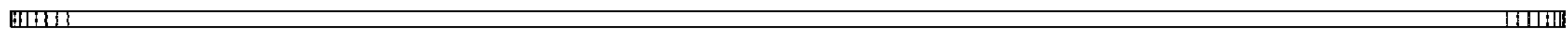


FIG. 6

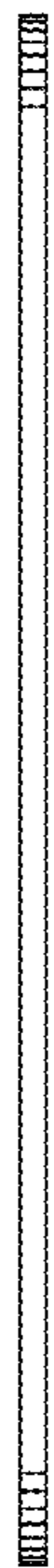


FIG. 7

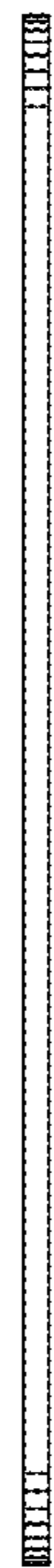


FIG. 8