



US00D643062S

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

(10) **Patent No.:** **US D643,062 S**
(45) **Date of Patent:** **** Aug. 9, 2011**

(54) **METAL TRANSACTION DEVICE**

(75) Inventors: **Dori K. Skelding**, Wilmington, DE
(US); **David Porter**, Philadelphia, PA
(US)

(73) Assignee: **JPMorgan Chase Bank, N.A.**, New
York, NY (US)

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

(21) Appl. No.: **29/385,399**

(22) Filed: **Feb. 14, 2011**

Related U.S. Application Data

(62) Division of application No. 29/320,620, filed on Jun.
30, 2008, now Pat. No. Des. 635,186.

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

(52) **U.S. Cl.** **D19/9**

(58) **Field of Classification Search** D19/1-34;
40/124.01-124.15, 672, 661, 726, 776; 283/72,
283/74, 75, 103, 105, 106; 206/449; D21/385;
D20/10, 22, 27, 40, 42, 11; D14/435-437
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,287,839 A	11/1966	Rotwein et al.
3,468,046 A	9/1969	Makishima, Shoji
3,532,543 A	10/1970	Nole et al.
3,537,195 A	11/1970	Gerds
3,546,022 A	12/1970	Busch et al.
3,556,563 A	1/1971	Scheinberg et al.
3,806,369 A	4/1974	Dey et al.
4,058,839 A	11/1977	Darjany
4,507,346 A	3/1985	Maurer et al.
4,523,297 A	6/1985	Ugon et al.
4,544,834 A	10/1985	Newport et al.
4,579,754 A	4/1986	Maurer et al.
4,582,985 A	4/1986	Lofberg

4,634,845 A	1/1987	Riley	
4,650,219 A	3/1987	Sigman	
D290,136 S *	6/1987	Ball et al.	D19/9
4,672,891 A	6/1987	Maurer et al.	
4,689,478 A	8/1987	Hale et al.	
4,711,996 A	12/1987	Drexler	
4,712,929 A *	12/1987	Kitaoka	400/76
4,746,787 A	5/1988	Okada et al.	
4,747,620 A	5/1988	Kay et al.	
4,750,036 A	6/1988	Martinez	
4,754,418 A	6/1988	Hara	

(Continued)

FOREIGN PATENT DOCUMENTS

EP 0855659 7/1998

(Continued)

OTHER PUBLICATIONS

Epper, A Player Goes After Big Bucks in Cyberspace, American
Banker, vol. 160, No. 86, ISSN: 0002-7561, May 5, 1995, p. 17.

(Continued)

Primary Examiner — T. Chase Nelson

(74) *Attorney, Agent, or Firm* — Hunton & Williams LLP

(57) **CLAIM**

We claim the ornamental design for a metal transaction
device, as shown and described.

DESCRIPTION

FIG. 1 depicts a perspective view of a back face of a first
embodiment of a metal transaction device.

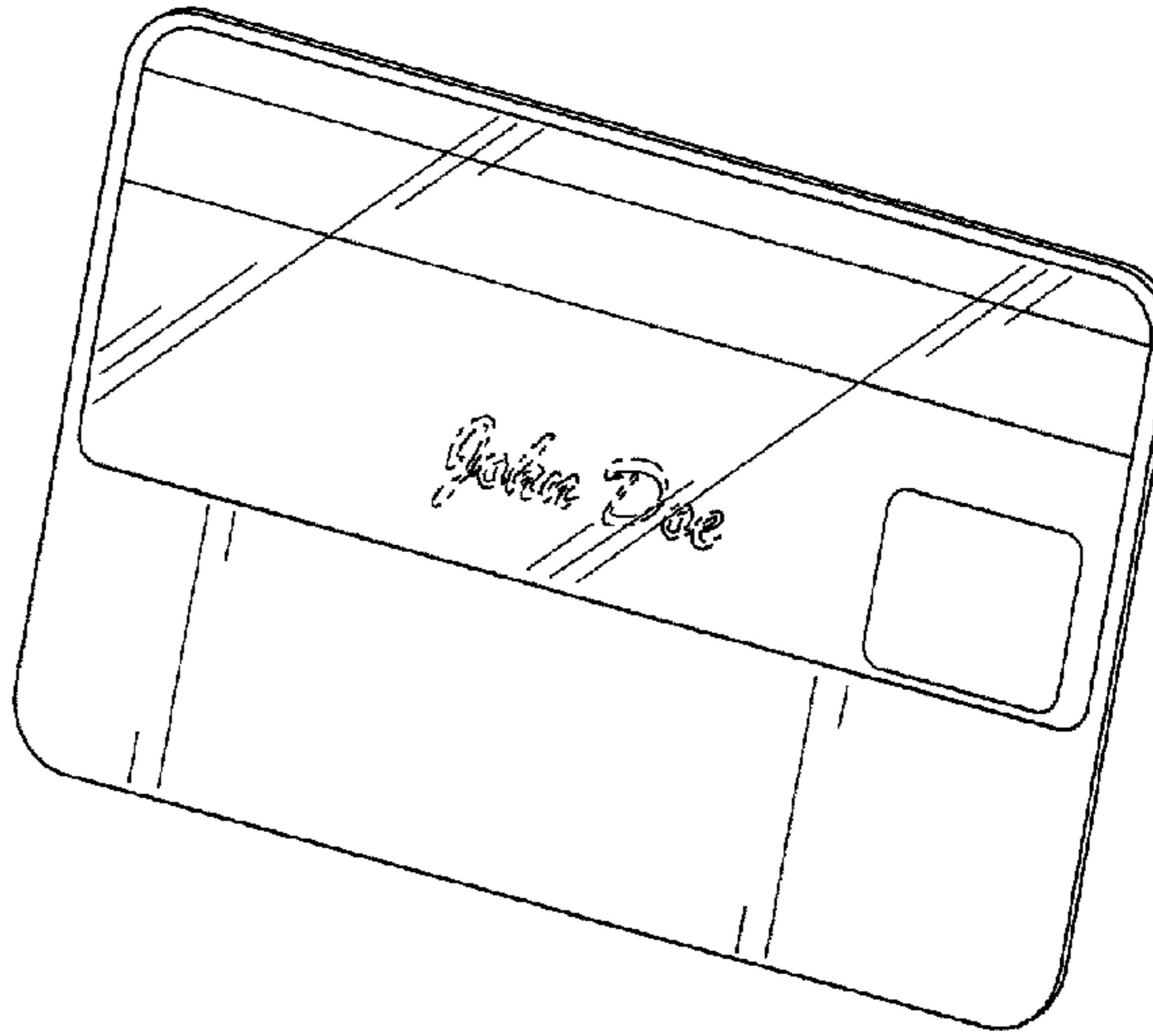
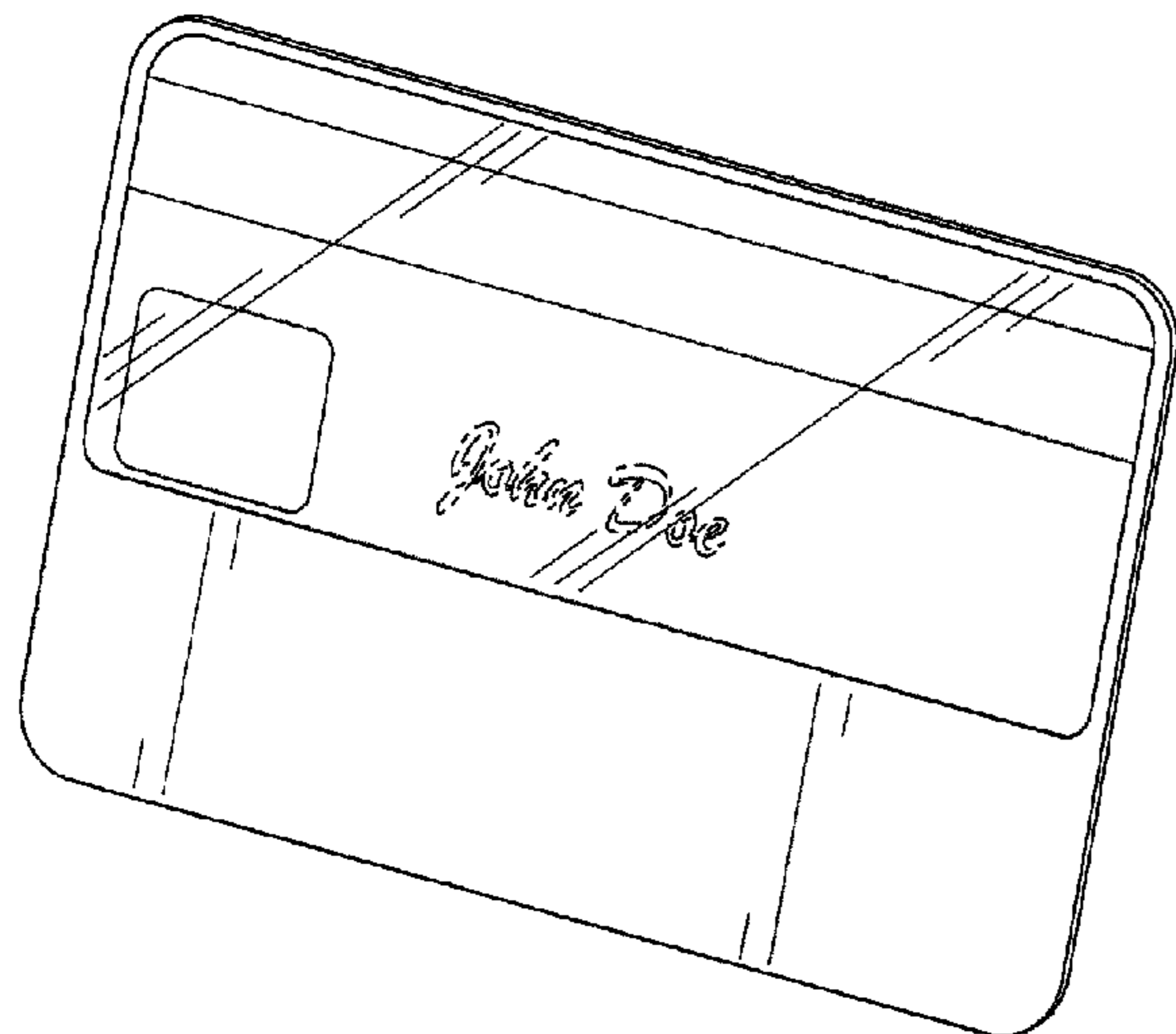
FIG. 2 depicts a back elevational view of FIG. 1.

FIG. 3 depicts a perspective view of a back face of a second
embodiment of a metal transaction device; and,

FIG. 4 depicts a back elevational view of FIG. 3.

The broken lines in the drawings illustrate environmental
structure on the article and form no part of the claimed design.

1 Claim, 4 Drawing Sheets



US D643,062 S

U.S. PATENT DOCUMENTS					
4,766,026	A	8/1988 Lass et al.	5,613,095	A	3/1997 Moss et al.
4,766,293	A	8/1988 Boston	5,621,787	A	4/1997 McKoy et al.
4,825,052	A	4/1989 Ugon	5,629,977	A	5/1997 Fonseca
4,833,048	A	5/1989 Dejonghe et al.	5,649,118	A	7/1997 Carlisle et al.
4,849,618	A	7/1989 Namikawa et al.	5,652,602	A	7/1997 Fishman
4,859,837	A	8/1989 Halpern	5,663,766	A	9/1997 Sizer, II
4,868,376	A	9/1989 Lessin et al.	5,664,110	A	9/1997 Green et al.
4,876,441	A	10/1989 Hara et al.	5,664,157	A	9/1997 Takahira et al.
4,897,533	A	1/1990 Lyszczyarz	5,672,678	A	9/1997 Holmes et al.
4,916,296	A	4/1990 Streck	5,690,412	A	11/1997 Sheldon
4,922,111	A	5/1990 Kuwano	5,700,037	A	12/1997 Keller
4,923,288	A	5/1990 Allen et al.	5,710,458	A	1/1998 Iwasaki
4,938,830	A	7/1990 Cannistra	5,721,781	A	2/1998 Deo et al.
D310,386	S *	9/1990 Michels et al. D19/10	5,727,153	A	3/1998 Powell
4,968,873	A	11/1990 Dethloff et al.	5,728,998	A	3/1998 Novis et al.
4,977,455	A	12/1990 Young	5,734,154	A	3/1998 Jachimowicz et al.
4,999,617	A	3/1991 Uemura	5,735,550	A	4/1998 Hinkle
5,025,373	A	6/1991 Keyser, Jr.	5,736,727	A	4/1998 Nakata
5,047,614	A	9/1991 Bianco	5,736,728	A	4/1998 Matsubara
5,055,662	A	10/1991 Hasegawa	5,743,567	A *	4/1998 Warther 283/61
5,080,748	A	1/1992 Bonomi	5,744,789	A	4/1998 Kashi
5,096,228	A	3/1992 Rinderknecht	5,751,953	A	5/1998 Sheils
5,097,115	A	3/1992 Ogasawara et al.	5,760,381	A	6/1998 Stich et al.
5,154,731	A	10/1992 Winger	5,761,624	A	6/1998 Mooney
5,162,175	A	11/1992 Visco et al.	5,763,862	A	6/1998 Jachimowicz
5,168,151	A	12/1992 Nara	5,767,896	A	6/1998 Nemirofsky
5,173,589	A	12/1992 Diehl	5,770,843	A	6/1998 Rose et al.
5,227,614	A	7/1993 Danielson	5,770,849	A	6/1998 Novis et al.
5,233,654	A	8/1993 Harvey et al.	5,777,305	A	7/1998 Smith et al.
5,241,161	A	8/1993 Zuta	5,777,306	A	7/1998 Masuda
5,247,190	A	9/1993 Friend et al.	5,777,903	A	7/1998 Piosenka et al.
5,249,044	A	9/1993 Von Kohorn	5,778,067	A	7/1998 Jones et al.
5,252,815	A	10/1993 Pernet	5,789,732	A	8/1998 McMahan
5,276,311	A	1/1994 Hennige	5,789,733	A	8/1998 Jachimowicz et al.
5,285,278	A	2/1994 Holman	5,793,502	A	8/1998 Bianco et al.
5,287,181	A	2/1994 Holman	5,804,806	A	9/1998 Haddad
5,299,940	A	4/1994 Uenaka et al.	5,806,044	A	9/1998 Powell
5,317,137	A	5/1994 Wilkins	5,806,045	A	9/1998 Biorge
5,321,240	A	6/1994 Takahira	5,807,627	A	9/1998 Friend et al.
5,328,809	A	7/1994 Holmes et al.	5,815,127	A	9/1998 Jacobs
5,339,239	A	8/1994 Manabe et al.	5,815,658	A	9/1998 Kuriyama
5,340,969	A	8/1994 Cox	5,817,207	A	10/1998 Leighton
5,359,183	A	10/1994 Skodlar	5,819,234	A	10/1998 Slavin et al.
5,396,650	A	3/1995 Terauchi	5,844,230	A	12/1998 Lalonde
5,399,502	A	3/1995 Friend et al.	5,854,595	A	12/1998 Williams
5,401,827	A	3/1995 Holmes et al.	5,857,079	A	1/1999 Claus et al.
5,412,192	A	5/1995 Hoss	5,857,709	A	1/1999 Chock
D359,305	S	6/1995 Finkelstein	5,859,419	A	1/1999 Wynn
5,425,497	A	6/1995 Sorensen	D405,111	S	2/1999 Kara
5,450,479	A	9/1995 Alesio	5,870,155	A	2/1999 Erlin
5,451,763	A	9/1995 Pickett et al.	5,877,941	A	3/1999 Ryu
5,488,571	A	1/1996 Jacobs	5,880,769	A	3/1999 Nemirofsky
5,492,370	A	2/1996 Chatwin et al.	5,884,271	A	3/1999 Pitroda
5,504,664	A	4/1996 Ostema	5,887,271	A	3/1999 Powell
5,506,394	A	4/1996 Plesko	5,890,135	A	3/1999 Powell
5,508,731	A	4/1996 Kohorn	D408,054	S	4/1999 Leedy, Jr.
5,510,828	A	4/1996 Lutterbach	5,920,844	A	7/1999 Hotta et al.
5,511,114	A	4/1996 Stimson et al.	5,930,217	A	7/1999 Kayanuma
5,512,654	A	4/1996 Holmes et al.	5,952,639	A	9/1999 Ohki
5,513,102	A	4/1996 Auriemma	5,952,641	A	9/1999 Korshun
5,516,598	A	5/1996 Visco et al.	5,955,961	A	9/1999 Wallerstein
5,521,363	A	5/1996 Tannenbaum	RE36,356	E	10/1999 Gloton et al.
5,523,179	A	6/1996 Chu	5,988,503	A	11/1999 Kuo
5,523,794	A	6/1996 Mankovitz	5,995,372	A	11/1999 Asakura
5,530,235	A	6/1996 Stefik et al.	6,002,383	A	12/1999 Shimada
5,535,147	A	7/1996 Jacobs	6,003,770	A	12/1999 Schilling
5,544,246	A	8/1996 Mandelbaum et al.	6,004,681	A	12/1999 Epstein et al.
5,559,313	A	9/1996 Claus et al.	6,005,183	A	12/1999 Akai et al.
5,563,948	A	10/1996 Diehl	6,006,456	A	12/1999 Hiromachi et al.
5,568,441	A	10/1996 Sanemitsu	6,016,954	A	1/2000 Abe et al.
5,569,898	A	10/1996 Fisher et al.	6,019,284	A	2/2000 Freeman et al.
5,572,004	A	11/1996 Raimann	6,025,283	A	2/2000 Roberts
5,577,109	A	11/1996 Stimson et al.	6,027,028	A	2/2000 Pieterse et al.
5,582,623	A	12/1996 Chu	6,036,099	A	3/2000 Leighton
5,585,787	A	12/1996 Wallerstein	6,045,042	A	4/2000 Ohno
5,590,038	A	12/1996 Pitroda	6,049,463	A	4/2000 O'Malley et al.
5,594,493	A	1/1997 Nemirofsky	6,068,301	A	5/2000 Han et al.
5,604,542	A	2/1997 Dedrick	6,087,954	A	7/2000 McSpadden et al.
			6,089,284	A	7/2000 Kaehler et al.

6,091,817 A 7/2000 Bertina et al.
 6,092,841 A * 7/2000 Best et al. 283/56
 6,095,072 A 8/2000 Kaufhold
 6,095,412 A 8/2000 Bertina et al.
 D431,039 S 9/2000 Wilson
 D431,252 S 9/2000 Wilson
 6,121,069 A 9/2000 Boyko et al.
 D431,573 S 10/2000 Wilson
 D432,141 S 10/2000 Wilson
 D432,548 S 10/2000 Wilson
 D432,552 S 10/2000 Wilson
 D433,031 S 10/2000 Wilson
 D433,032 S 10/2000 Wilson
 D433,033 S 10/2000 Wilson
 D433,034 S 10/2000 Wilson
 D433,035 S 10/2000 Wilson
 D433,036 S 10/2000 Wilson
 D433,037 S 10/2000 Wilson
 D433,059 S 10/2000 Okumura et al.
 6,128,599 A 10/2000 Walker et al.
 D433,420 S 11/2000 Wilson
 D433,421 S 11/2000 Wilson
 D433,422 S 11/2000 Wilson
 D433,423 S 11/2000 Wilson
 D433,424 S 11/2000 Wilson
 D434,041 S 11/2000 Burke
 6,146,741 A 11/2000 Ogawa et al.
 6,159,570 A 12/2000 Ulrich et al.
 6,161,870 A 12/2000 Blank
 6,164,548 A 12/2000 Curiel
 D436,620 S * 1/2001 Webb et al. D19/10
 6,170,745 B1 1/2001 Schilling
 D437,882 S 2/2001 Creighton
 D438,562 S * 3/2001 Webb et al. D19/10
 6,214,155 B1 4/2001 Leighton
 D442,222 S 5/2001 Webb et al.
 D442,629 S * 5/2001 Webb et al. D19/10
 6,250,555 B1 6/2001 Inamoto
 D447,515 S 9/2001 Faenza et al.
 6,294,241 B1 9/2001 Kaule et al.
 6,308,887 B1 10/2001 Korman et al.
 6,315,195 B1 11/2001 Ramachandran
 6,318,536 B1 11/2001 Korman
 6,328,342 B1 12/2001 Belousov et al.
 6,337,752 B1 1/2002 Heckenkamp et al.
 6,382,506 B1 5/2002 Van Der Valk
 6,441,736 B1 8/2002 Leighton
 D462,714 S 9/2002 Creighton
 D464,355 S * 10/2002 Burke D14/436
 6,471,128 B1 10/2002 Corcoran et al.
 6,482,330 B1 11/2002 Bajorek
 D467,247 S 12/2002 Pentz
 6,492,717 B1 12/2002 Gore et al.
 6,514,367 B1 2/2003 Leighton
 6,533,180 B1 3/2003 Wood
 6,549,912 B1 4/2003 Chen
 6,557,766 B1 5/2003 Leighton
 D477,359 S 7/2003 Haas
 6,609,658 B1 8/2003 Sehr
 D481,068 S 10/2003 Blossom et al.
 6,631,849 B2 10/2003 Blossom
 6,644,551 B2 11/2003 Clayman et al.
 6,693,544 B1 * 2/2004 Hebbecke 340/573.1
 6,702,181 B2 3/2004 Ramachandran
 6,715,797 B2 4/2004 Curiel
 6,734,887 B2 5/2004 Field
 D493,195 S 7/2004 Creighton
 D494,326 S 8/2004 Long
 6,796,490 B1 9/2004 Drummond et al.
 6,957,334 B1 10/2005 Goldstein
 6,965,868 B1 11/2005 Bednarek
 D512,456 S * 12/2005 Diaz et al. D19/10
 D513,006 S * 12/2005 Hart et al. D14/436
 D514,619 S 2/2006 Brink et al.
 D516,563 S * 3/2006 Hart et al. D14/436
 7,025,256 B1 4/2006 Drummond et al.
 D522,052 S * 5/2006 Lubking D19/10
 7,040,533 B1 5/2006 Ramachandran
 D525,653 S * 7/2006 Allard et al. D19/9

D529,955 S * 10/2006 Allard et al. D19/9
 D530,741 S * 10/2006 Blossom D19/9
 7,150,393 B1 12/2006 Drummond et al.
 D560,717 S * 1/2008 Robertson et al. D19/10
 D562,888 S 2/2008 Brown
 D569,902 S 5/2008 Chang et al.
 D576,671 S 9/2008 Field et al.
 D578,159 S 10/2008 Hachey et al.
 D582,476 S * 12/2008 Field et al. D19/10
 D602,986 S 10/2009 Skelding et al.
 D604,983 S 12/2009 Rossell
 D621,879 S * 8/2010 Langan et al. D20/27
 D623,190 S * 9/2010 Trujillo D14/436
 2001/0011250 A1 8/2001 Paltenghe et al.
 2002/0117846 A1 8/2002 Kaule et al.
 2002/0149196 A1 10/2002 Fabel
 2003/0024995 A1 2/2003 Conner et al.
 2003/0047253 A1 3/2003 Robinson et al.
 2003/0202151 A1 10/2003 Hinata
 2004/0026915 A1 2/2004 Thompson et al.
 2004/0049451 A1 3/2004 Berardi
 2004/0121257 A1 6/2004 Kaminsky et al.
 2004/0159709 A1 8/2004 Ohta et al.
 2004/0217178 A1 11/2004 Lasch et al.
 2005/0012326 A1 1/2005 Keller et al.
 2005/0194453 A1 9/2005 Conner et al.
 2006/0102729 A1 5/2006 Gandel et al.
 2006/0124753 A1 6/2006 Scholz et al.
 2006/0214008 A1 9/2006 Asami et al.
 2006/0243794 A1 * 11/2006 Whitaker 235/380
 2007/0170264 A1 7/2007 Lasch et al.
 2007/0203825 A1 8/2007 Hanifin et al.

FOREIGN PATENT DOCUMENTS

WO WO 98/37524 8/1998

OTHER PUBLICATIONS

Sotto, An RFID Code of Conduct, RFID Journal, Featured Opinions, May 30, 2005.
 BSI2000 Files Patent Application for Optical Bank Card Press Release, printed Apr. 27, 2004.
 Brehl, Banks issue cash-card pledge, The Toronto Star, Oct. 9, 1997, 1 page.
 Card Flash, Daily Payment Card News, www.CardWeb.com, printed Aug. 10, 2004.
 Rosen, Cash Just Isn't Flexible Enough: Shops of the Future Will Only Take Cards, Daily Express, Technology Section, Feb. 10, 1995, 1 page.
 Hesseldahl, China Goes Smartcard Crazy, www.forbes.com, Jun. 12, 2001.
 E-Z Pass, Web page, http://www.ezpass.com-Disc_portNewYork.html, Nov. 12, 2001.
 E-Z Pass, Web page, http://www.ezpass.com-Disc_ny_annual.html, Nov. 12, 2001.
 E-Z Pass, Web page, <http://www.ezpass.com-frameMain.html>, Nov. 12, 2001.
 E-Z Pass, Web page, <http://www.ezpass.com-whatIs.html>, Nov. 12, 2001.
 Business Times, Electronic Purse Can Free You from ATM Drag, Business Times, www.btimes.co.za, printed Feb. 23, 2001, 1 page.
 Electronic Purse, SCIA (Smart Card Industry Association), About Smart Cards, www.scia.org, printed Feb. 23, 2001, 1 page.
 Sanchez-Klein, Electronic purse alliance planned, Computerworld Online News, Jul. 29, 1998, printed Feb. 23, 2001, 2 pages.
 Electronic purse card to be launched tomorrow, New Straits Times, News Clippings, Sep. 18, 1999, printed Feb. 23, 2001, 3 pages.
 Frequently asked questions, Ecard, www.eregard.com, printed Sep. 23, 2001, 7 pages.
 Machlis, Have it the smart way: Burger King program drives smart-card use, Computerworld, printed Feb. 23, 2001, 1 page.
 Nokia Announces the World's First NFC Enabled Mobile Product for Contactless Payment and Ticketing, PRNewswire, Feb. 9, 2005.
 Proton world and Europay to co-operate in creation of new CEPS-compliant e-purse application, Press Release 1999, Waterloo, Belgium, Jun. 28, 1999, 2 pages.

Purse Application for Cross Border Use in Euro, Cordis, Pace 1st 1999-11531 Pace, www.cordis.lu, printed Feb. 23, 2001, 3 pages.

RFID Tags, Contactless Smart Card Technology and Electronic Passports: Frequently Asked Questions, www.smartcardalliance.org, Feb. 17, 2005.

RFID Tags, Contactless Smart Card Technology: Comparing and Contrasting Applications and Capabilities, www.smartcardalliance.org, Feb. 17, 2005.

SK100 Smart Card Electronic Purse Balance Reader, SK100 Balance Reader, <http://perso.wanadoo.fr>, printed Feb. 23, 2001, 1 page.

Gilhooly, Smart Cards, Smart Move?, *Computerworld*, May 21, 2001, pp. 1-5.

Smart card for loyalty and e-purse applications eclipses capability of conventional mag-stripe cards, Press Release, www.1.sib.com, Apr. 21, 1997, printed Feb. 23, 2001, 3 pages.

SmartAxis: Load Cash on to your E-Purse Card, Supported Currencies and Schemes, www.smartaxis.co.uk, printed Feb. 23, 2001, 9 pages.

Dvorak, Smartcards Get Smarter, www.forbes.com, Jun. 1, 2001.

Hesseldahl, Stock Focus: Smartcard Companies, www.forbes.com, Jun. 18, 2001.

The Electronic Purse Reaches the Car Park, <http://docs.vircom.net/mobility/parking>, printed Feb. 23, 2001, 2 pages.

Stuber, The electronic purse: An overview of recent development and issues, Bank of Canada, Technical Report No. 74, www.bankofcanada.ca, Jan. 1996, printed Feb. 23, 2001, 2 pages.

Transponders: Cash In A Flash, www.forbes.com, Jul. 31, 2001.

Hesseldahl, U.S. Getting Wise to Smart Cards, Forbes.com, May 25, 2000.

Understanding the benefits: Smartcity offers a number of important benefits to both the card issuers and their customers, <http://www.icl.com/smartcards/benefits.htm>, printed Feb. 27, 2001, 2 pages.

Visa first to launch electronic purse load via GSM mobile phone, www.cellular.co.za, Johannesburg, ZA, printed Feb. 23, 2001, 4 pages.

Hansell, Visa to unveil electronic purse cards, *New York Times*, printed Feb. 23, 2001, 2 pages.

Visa, MBNA and De La Rue Launch Multi-Function Smart Card Program, www.findarticles.com, Jul. 6, 1998.

Machlis et al., Will smart cards replace ATMS?, *Computerworld*, printed Feb. 23, 2001, 3 pages.

* cited by examiner

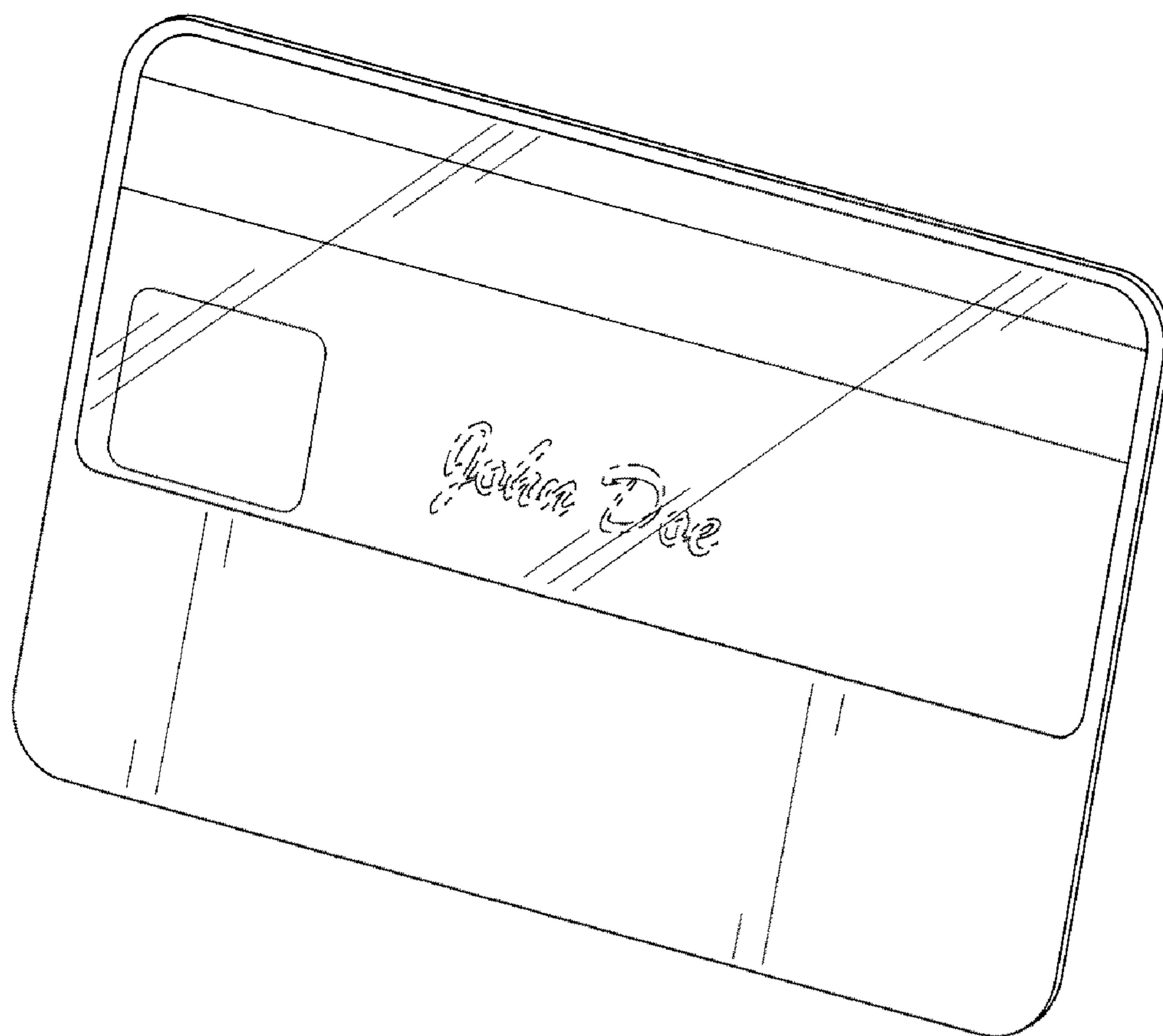


FIG. 1

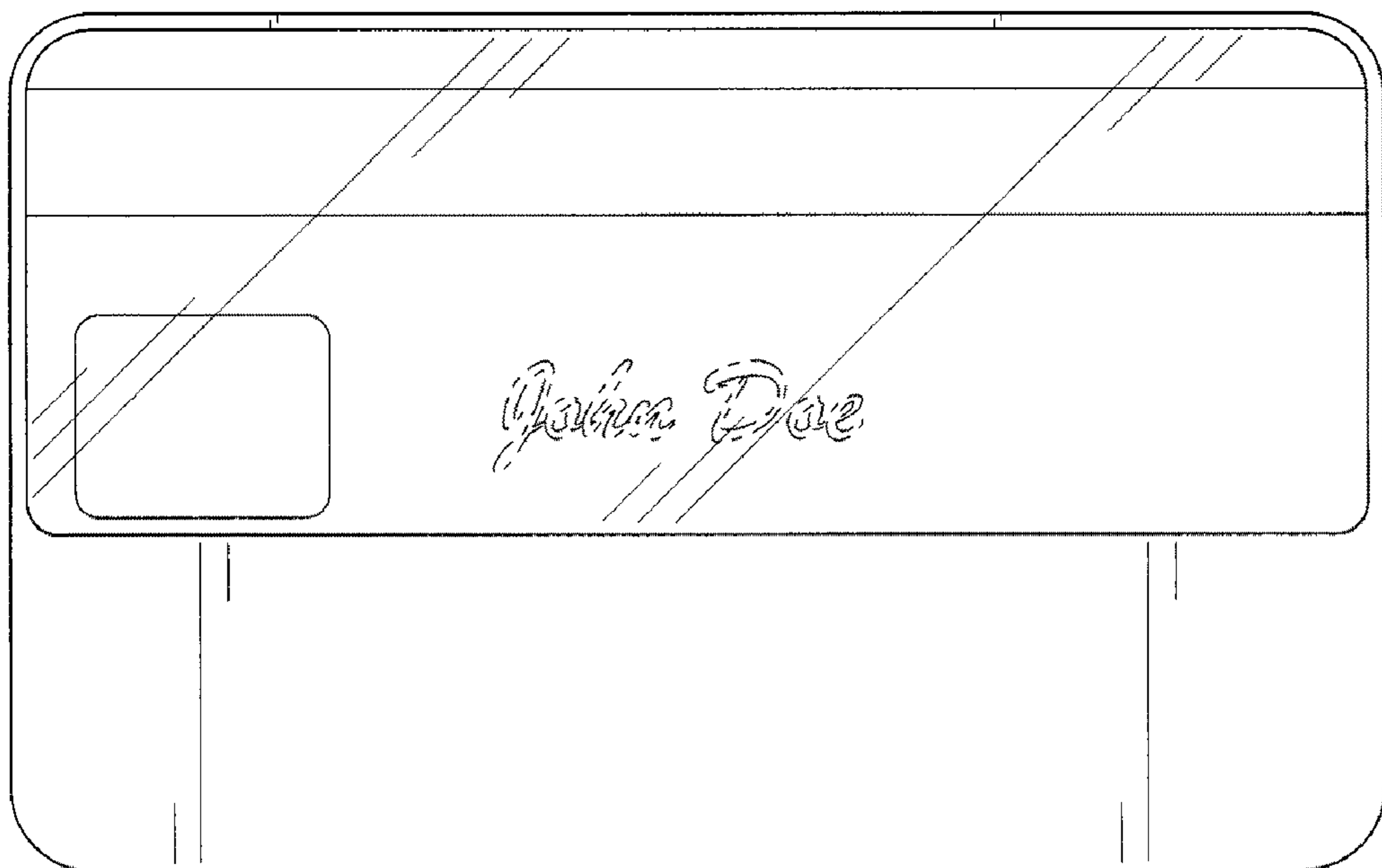


FIG. 2

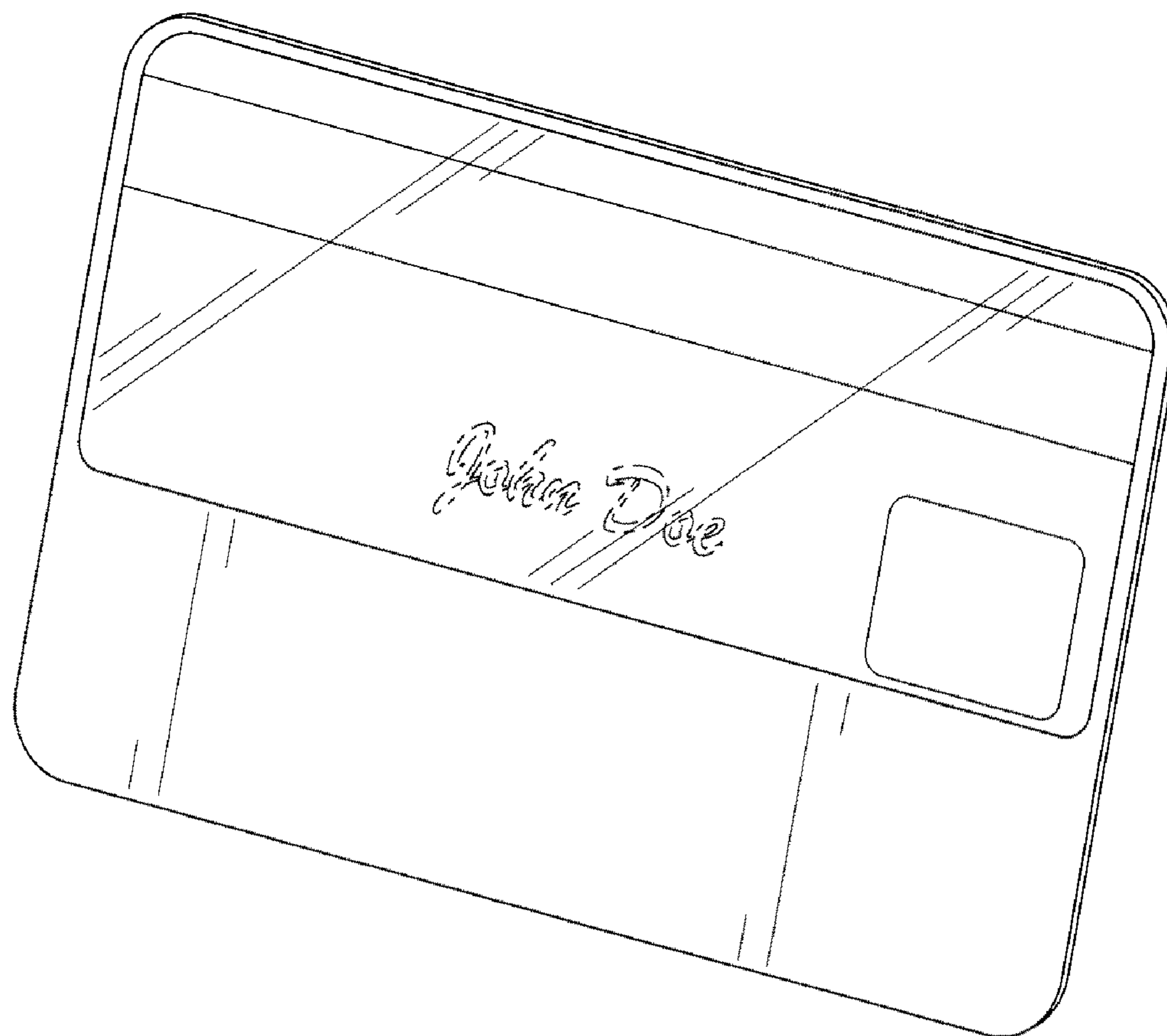


FIG. 3

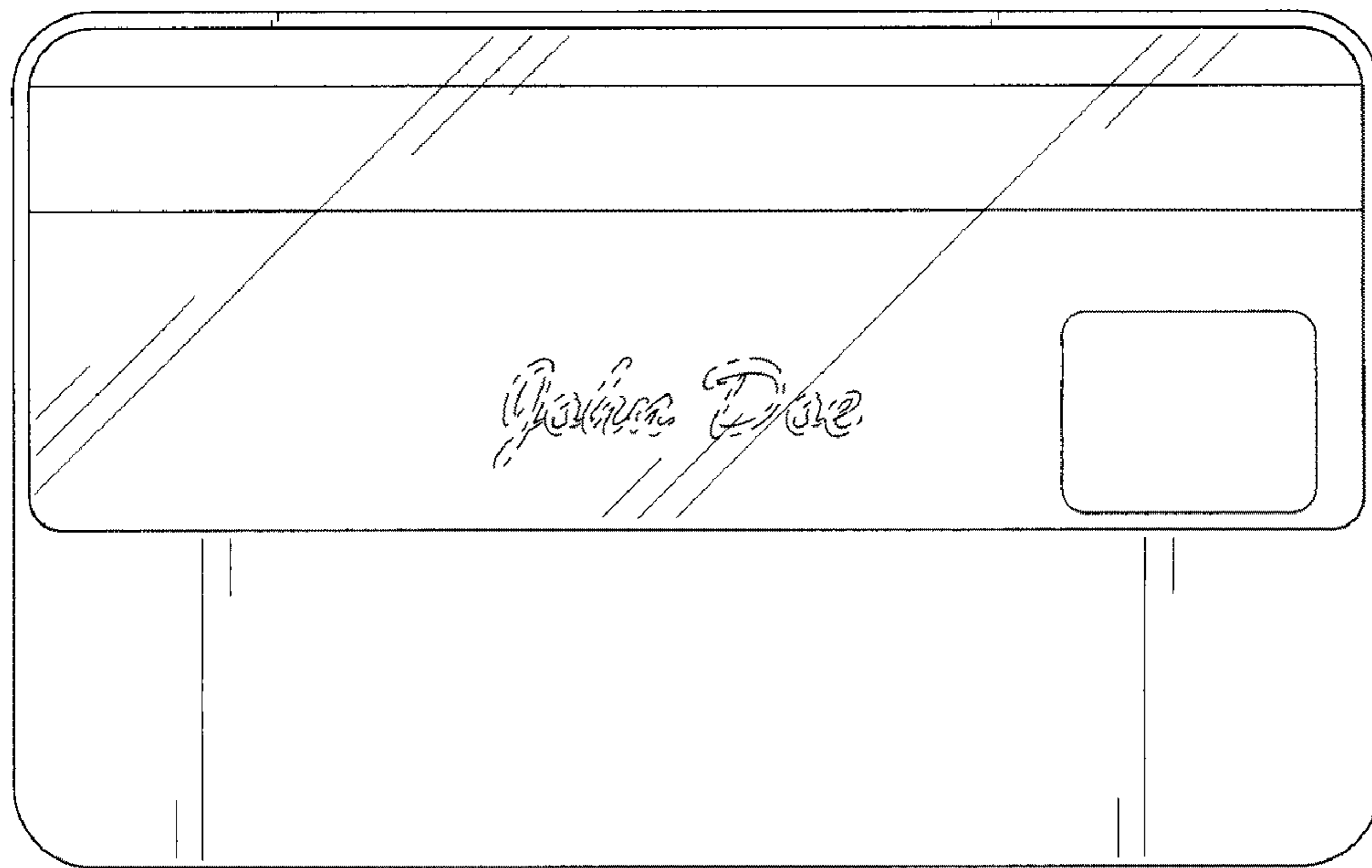


FIG. 4