

US00RE44748E

(19) United States

(12) Reissued Patent

Allen

(10) Patent Number:

US RE44,748 E

(45) Date of Reissued Patent:

*Feb. 4, 2014

(54) MEDICAL BENEFITS PAYMENT SYSTEM

(71) Applicant: StoneEagle Services, Inc., Richardson,

TX (US)

(72) Inventor: Robert M. Allen, Richardson, TX (US)

(73) Assignee: StoneEagle Services, Inc., Richardson,

TX (US)

(*) Notice: This patent is subject to a terminal dis-

claimer.

(21) Appl. No.: 13/715,053

(22) Filed: Dec. 14, 2012

Related U.S. Patent Documents

Reissue of:

(64) Patent No.: 7,792,686
 Issued: Sep. 7, 2010
 Appl. No.: 11/566,930
 Filed: Dec. 5, 2006

U.S. Applications:

(63) Continuation of application No. 13/358,620, filed on Jan. 26, 2012, now Pat. No. Re. 43,904.

(51) **Int. Cl.**

 $G06Q\ 10/00$ (2012.01)

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

(58) Field of Classification Search

(56) References Cited

U.S. PATENT DOCUMENTS

5,590,196		12/1996	Moreau Danastt at al
5,677,955		10/1997	Doggett et al.
5,832,460		11/1998	Bednar et al.
5,890,129	A	3/1999	Spurgeon
6,003,007	A	12/1999	DiRienzo
6,343,310	B1 *	1/2002	DiRienzo 709/200
7,380,707	B1	6/2008	Fredman
7,383,223	B1	6/2008	Dilip et al.
7,434,729	B2 *	10/2008	Cracchiolo et al 235/380
7,590,557	B2 *	9/2009	Harrison et al 705/26
7,752,134	B2	7/2010	Spear
7,792,749	B2	9/2010	Ganesan
7,853,524	B2	12/2010	Kight et al.
8,204,766	B2	6/2012	Bush

(Continued)

FOREIGN PATENT DOCUMENTS

EP 1049056 11/2000

OTHER PUBLICATIONS

Petition for Covered Business Method Review as filed with the United States Patent Trial and Appeal Board In re Post-Grant Review of corresponding U.S. Patent No. RE43,904 on Aug. 19, 2013.

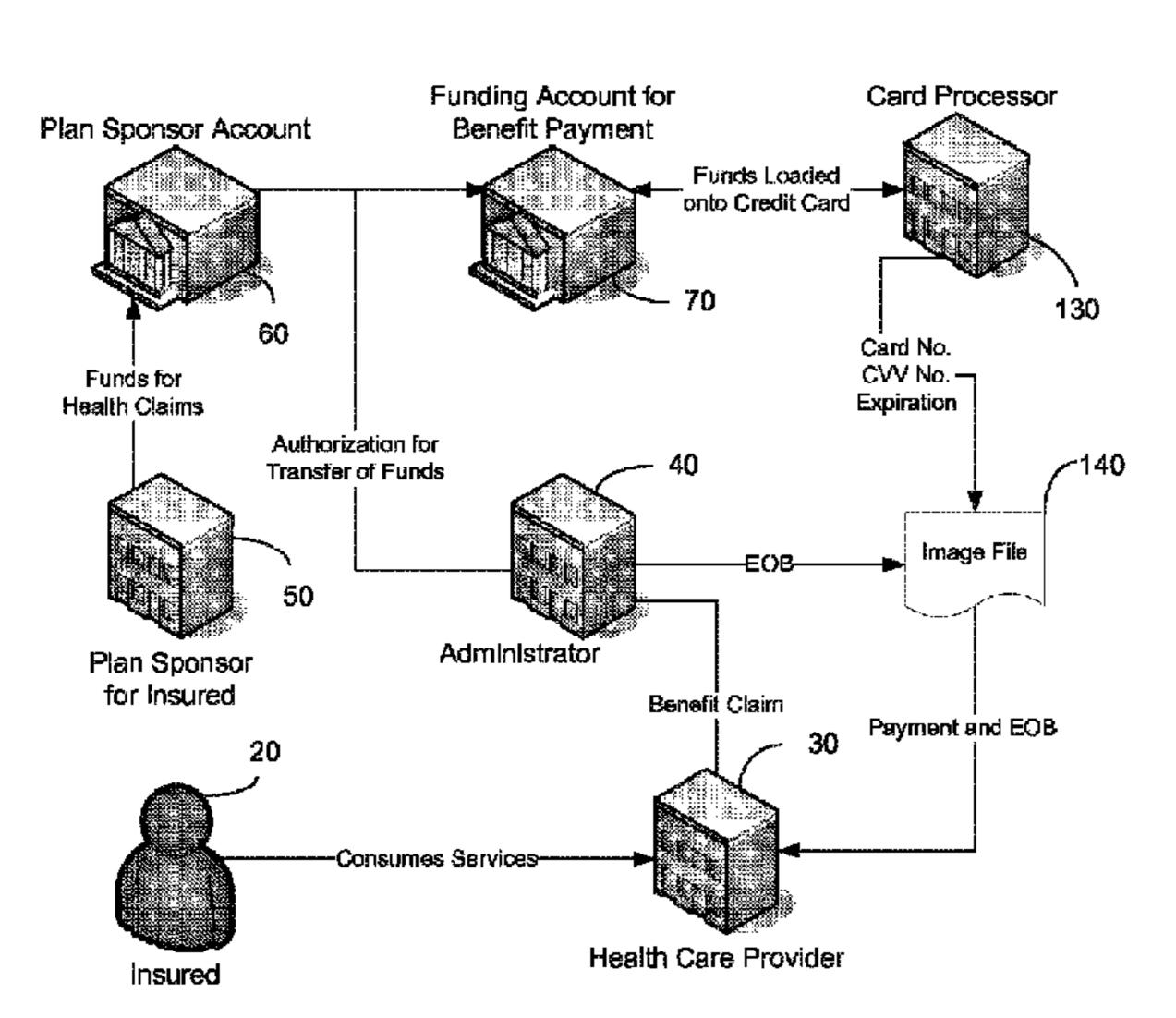
(Continued)

Primary Examiner — Hiep V Nguyen (74) Attorney, Agent, or Firm — Anton J. Hopen; Andriy Lytvyn; Smith & Hopen, P.A.

(57) ABSTRACT

A method of facilitating payment of health care benefits to on behalf of a payer comprising the step of electronically transmitting a stored-value card account payment of the authorized benefit amount concurrently with an explanation of benefits.

24 Claims, 4 Drawing Sheets



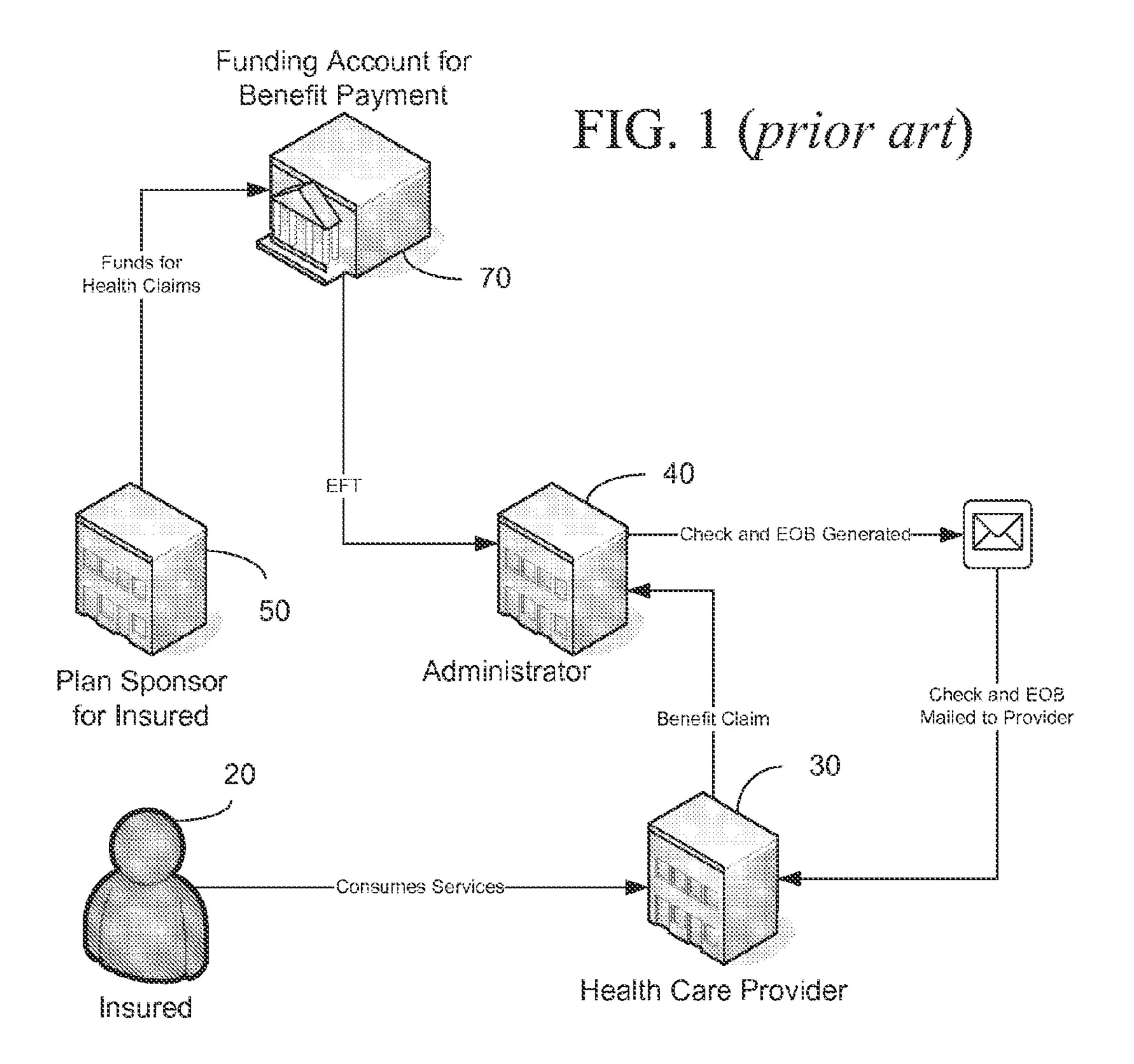
					Tiran	Mahar: 884	T050000025	
АВС Соперану							٠.	
125 MAIN ST.					1	ate	107182	8
DALLAS TX 79080					, ž	suo unt	\$******* 1.7	74
					. . (;			
Attention	,						One-line year sto	
Attention:							na baguelāzeno or art liki, "angvario li	
ROBERT ALLEN						bestierd .	erel sentinet.	
Time allows Constitute and	100						ме элу фи ле кона	
ALLEN MEDICAL	a was		₩ 16	5 👯 📆		September 180	ce, please centro rate:	K GMK
allen medaal Basiay 2 key	520E	4350 OC	60 8166			F4		
TULACH, 7493?	Ì			salid fina g	1/05	•	ere not the inte okt the left skie	•
-	TALON	ŧ			•		centact us im	
	Me was week and	numundinah	State was really and a second		····	(366)	186-1214.	
		10 m						

ABC COMPANY	*.	EXPLANATION	CON FOR EXEMPLE (T	8	Group M	ame 756T		
120 MARIST. DISLLAR TX 75000-	. je . j. Što	r. Al1	FCIR EN MERICAL		Page : Date Pal	ነ a: የፀም	N c	
(389) 565-1211 (900) 666-1212 (FA)	· ·	¥2. ₽	4667 RO 903		Синт 💝.	1561	•	
	14. A.	PROMD	ER YLEMMARY		Øirineni Pian #∶	ў: मह≪र		
, m					epo:			
﴿ رَ	à				Tales Dia	nitteese 1.7	L	
A . W	* ም ለቸ	.ы ь					•	70744
ONTES COT TYPE OF SE		MITTED IN	WA-014 B	KOVIDER KOMMIT	46	996	NT 100-8466 1%	TOTAL BENEFIT PAGE.
STATE OF S	SUE ERMOE ONG	MITTED IN	MELICHBLE PA		DEDUCT	PAPTICIONAL COPAY	NT	BENEPIT SANT.
OF SERVICE CODE TYPE OF SERVICENT ACCOUNT #: 1 (21.82 - 01.8280) 20213 SEFFICE	ERANCE SUB FRATE FRATE E VESTE PENSS	MATTED MARKES AND	MELICABLE AND MAINT CO DA MELICABLE AND	5.80	DEDUCT 628	PARTICIONI ECOPAY CERIUN : 12 USO	NT	9EMEPT 9A(T) 9A(T) 9A(T) 0.0
OF SERVICE CODE TYPE OF SERVICENT ACCOUNT #: 1 GLAZ - GLAZZOT 20213 SEFFICE 65URGED: LAMES TEST 123-44	ERNACE. CHU	MATTED M URGES A ENT: JUMES	RELIGIBLE AT MOUNT GO DA PEST	ECKNIM!	DEBUCT	PAPERCIONAL ECOPAY CERIBIN : 12	NT	86)66P1T 94(1). 96(1) 96(1)
PATIENT ACCOUNT #: 1 GLAZ - GLAZZOT 24213 GEFICE 18URED: LAMES TEST 123-48 1ATIENT RESPONSEMENTY:	ERNACE. CHU FATT E VISIT PENSI S-67-80 91.28	MITTED MARKET PROPERTY AND ARCHITECTURES AND ARCHITECTURES	RELIGIBLE PAR MOUNT CO DA PEST SLOS AS SLOS	5.80	025 025 025	PAPTICIONAL CORAY CERIUM: 12 USO USO	#T CC-8466 % CA46678400****C4C C.60 C.60	\$E) 45P*T \$24(1). \$561 4.0 3.0
OF SERVICE CODE TYPE OF SERVICENT ACCOUNT #: 1 GL#2 - OFFICE 1 GL#2 - OFFICE 1 GL#2 - OFFICE 123-45 ATTEMY RESPONSEMENTY:	ERNACE. CHU FATT E VESTT PIEVES S-67-80 91.28	MITTED IN URGES A ENT: JUMES 0.25 0.26	HELSCHELE AND MOUNT CO CH PEST SON AS SON AS SON AS	5,50 0,60	025 025 025	PAPERCIONAL CORAY CERIBIN: 12 0.60 0.60	200-8466 % 200-8466 % 200-84	\$E36EPT \$461. \$61 0.0 3.0
AFFERNACE CODE TYPE OF SI WITHING ACCOUNT #: 1 CHAIR - CHAIRICH 20213 CIFFICE ISSURED: LAMES TEST 123-48 VALUENT RESPONSEMENTY: 2 TIEMT ACCOUNT #: 1 10/12 - 10/19/08 882713 CIFFICE	ERMOE. CHU FATT E VEST PEYS PATT E VEST PEYS	MITTED MARKET PROPERTY AND ARCHITECTURES AND ARCHITECTURES	RELIGIBLE PAR MOUNT CO DA PEST SLOS AS SLOS	5.80	025 025 025	PAPTICIONAL CORAY CERIUM: 12 USO USO	#T CC-8466 % CA46678400****C4C C.60 C.60	\$EMEPT \$461. \$461. \$40 \$40 \$40 \$40 \$40 \$40 \$40 \$40 \$40 \$40
AFERTACE COLE TYPE OF SEVERENT ACCOUNT #: 1 GL#2 - OFFICE 199213 OFFICE 19935CH 199445 ATIENT RESPONSEMENTY: 2 10/12 - 10/1208 39213 OFFICE 199126 39213	ERMOE. CHU FATT FATT FATT FATT FATT FATT VEST PHYSI VEST PHYSI	ENT: JAMES 0.25 0.26 ENT: JAMES 0.55 0.55	FEST STOP AS STOP AS STOP AS STOP AS STOP AS STOP AS	0.50 0.60 0.60 0.26 0.28	5.05 5.08 5.09 5.09	PAPTICIONI ECORAY CERIBE : 13 0.60 0.60 CEAINE : 13 0.60 0.60 60Y BE SAL	200-8466 %	96368P*T 9461. 961 960 966 966
AFERTACE COLE TYPE OF SERVICE ACCOUNT #: 1 GL/82 - OFFICE PRESENT 123-48 1 SERVICED: LAMES TEST 123-48 2 TIENT RESPONSEMENTY: 1 10/12 - 10/12/08 88213 CEFFICE 5 10/12 - 10/12/08 99213 OFFICE	ERMOE. CHU FATT FATT FATT FATT FATT FATT FATT FAT	MITTED IN IRGES A 	FEST SOBAS SOBAS SOBAS SOBAS SOBAS SOBAS SOBAS	0.50 0.60 0.00 0.20 0.20 0.20 0.20	5.05 5.05 5.06 5.00 5.00 5.00	PAPTICIONI ECORAY CERIBER: 13 0.60 0.60 0.60 0.60 0.60 0.60 0.60 0.6	100-18466 1% 13468678406-150000 13468678406-150000 13468678406-1500000 13468678406-15000000 13468678406-1500000000000000000000000000000000000	96968P*T 9461. 961 0.0 9.0 9.0 0.6
**************************************	ERVACE. CHU FATT VEST PRYS	ENT: JAMES 0.25 0.26 0.26 0.26 0.28 0.27 0.20 0.22	FEST SOFAS	0.50 0.50 0.50 0.26 0.26 0.26 0.50 0.50 0.50	5.00 5.00 5.00 5.00 5.00 5.00 5.00	CEARSE: 12 CEARSE	00-8466 % 134987890-15000 0.20 0.26 0.20 0.26 0.20 0.26 0.20 0.26 0.20 0.26 0.20	96968PT 9461. 961 9.0 9.0 0.6 0.6 0.6
### SEPANCE CODE TYPE OF SE WITEMF ACCOUNT#: 1 (21/12 - 01/12/01 24/213 CIFFICE ###################################	ERVACE. CHU FATT VACIT PEVAS	ENT: JAMES 0.25 0.26 0.26 0.26 0.27 0.20 0.28	FEST SOBAS	0.50 0.60 0.60 0.20 0.20 0.20 0.50 0.50 0.50	5.05 5.25 5.25 5.00 5.00 5.00 5.00 5.00	PAPTICIONAL CORAY CERIBIN : 12 U.SO U.SO U.SO U.SO U.SO U.SO U.SO U.SO	CC-8466 % CC-8466 % CARREST BROTE COCCU C.80	96968PT PART. 0.0 9.0 9.0 9.0 9.2 9.2 9.2 9.2
**************************************	ERVICE. CHU FATT VEST PRYS VES	ENT: JAMES 0.25 0.26 0.26 0.28 0.27 0.20 0.28 0.28	FEST SOFAS	0.50 0.50 0.50 0.26 0.26 0.26 0.50 0.50 0.50	5.00 5.00 5.00 5.00 5.00 5.00 5.00	CEARSE: 12 CEARSE	00-8466 % 134987890-15000 0.20 0.26 0.20 0.26 0.20 0.26 0.20 0.26 0.20 0.26 0.20	95365PT 9461. 961 0.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0
### SEPANCE CODE TYPE OF SE WITEMF ACCOUNT#: 1 (21/12 - 01/12/01 24/213 CIFFICE ###################################	ERVACE. CHU FATT VACIT PEVAS	EHIT: JAMES 0.25 0.26 0.26 0.28 0.27 0.28 0.28 0.28 0.28 0.28 0.28 0.28	#ELICIBLE FF MOUNT CO CH CH CH CH CH CH CH	0.50 0.60 0.60 0.20 0.20 0.50 0.50 0.50 0.50 0.50	5.05 5.25 5.25 5.09 5.09 5.09 5.09 5.09 5.09 5.09 5.0	PAPTICIONAL CORAY CERIBRE: 12 0.60 0.60 0.60 0.90 60Y BE SAL 0.60 0.60 0.60 0.60 0.60 0.60	######################################	9595PT PARI. 0.0 9.0 9.0 9.2 9.2 9.2 9.2 9.2 9.2 9.2 9.2 9.2 9.2
**************************************	ERNACE CAN FAIT VACIT PENS 1026 PAIT VACIT PHYSI VA	ENT: JAMES 0.25 0.26 0.26 0.27 0.20 0.28 0.28 0.28 0.28 0.28 0.28 0.28	#ELICIBLE ## ##URET CO CH PEST \$108 AS	0.50 0.50 0.50 0.26 0.26 0.50 0.50 0.50 0.50 0.50	5.05 5.25 5.25 5.00 5.00 5.00 5.00 5.00	PAPTICIONAL CORAY CERIBINE: 13 0.60 0.60 0.60 0.60 0.60 0.60 0.60 0.6	**************************************	95365PT 9461. 9461. 9461 946 946 946 946 946 946 946 946 946 946
**************************************	ERVACE CAU FAIT VEST PRYS	ENT: JAMES 0.25 0.26 0.26 0.26 0.28 0.28 0.28 0.28 0.28 0.28 0.28 0.28	#ELSCHIE ## #FURET CO CH PEST \$08 AS	0.50 0.50 0.50 0.26 0.26 0.30 0.30 0.50 0.50 0.50 0.50	5.05 5.05 5.06 5.00 5.00 5.00 5.00 5.00	PAPTICIONAL CORRAY CERIBRE: 13 0.60 0.60 0.60 0.60 0.60 0.60 0.60 0.6	######################################	95365PT 9461. 961 0.0 9.0 9.2 9.2 9.2 9.2 9.2 9.2 9.2 9.2 9.2 9.2
**************************************	ERVACE. CHU FATT VACIT PEYGE VACIT PHYSE	ENT: JAMES 0.25 0.26 0.26 0.27 0.20 0.28 0.28 0.28 0.28 0.28 0.28 0.28	#ELICIBLE FF	0.50 0.50 0.50 0.26 0.26 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.5	5.00 5.00 5.00 5.00 5.00 5.00 5.00 5.00	PAPTICIONAL CORAY CERIBINE : 13 0.60 0.60 0.60 0.60 0.60 0.60 0.60 0.6	**************************************	95365PT 9461. 9461. 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9.
######################################	ERVICE CAU FAIT VEST PRYS	ENT: JAMES 0.25 0.26 0.26 0.27 0.28 0.28 0.28 0.28 0.28 0.28 0.28 0.28	#ELICIBLE FF MOUNT CO CH CO CH CO CH CH CH	0.50 0.50 0.50 0.20 0.20 0.50 0.50 0.50	5.05 5.25 5.25 5.00 5.00 5.00 5.00 5.00	PAPTICIONAL CORRAY CERIBRE: 13 0.60 0.60 0.60 0.60 0.60 0.60 0.60 0.6	**************************************	95365PT 9461. 961 0.0 9.0 9.0 9.2 9.2 9.2 9.2 9.2 9.2 9.2 9.2 9.2 9.2
######################################	ERVACE CAV FATT VARIT PEYRS FATT VARIT PHYSI VARIT P	ENT: JAMES 0.25 0.26 0.26 0.28 0.28 0.28 0.28 0.28 0.28 0.28 0.28	#ELICIBLE FF MOUNT CO CH CH CH CH CH CH CH	2.50 0.50 0.50 0.50 0.26 0.26 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.5	COS	PAPTICIONAL CORRAY CERIBRE: 12 0.60 0.60 0.60 0.60 0.60 0.60 0.60 0.6	**************************************	95365PT 9461. 9461. 9.0 9.0 9.2 9.2 9.2 9.2 9.2 9.2 9.2 9.2 9.2 9.2
######################################	ERVICE CHANGE VERT PHYSI VER	ENT: JAMES 0.25 0.26 0.26 0.27 0.28 0.28 0.28 0.28 0.28 0.28 0.28 0.28	#ELICIBLE FF MOUNT CO CH CO CH CO CH CH CH	0.50 0.50 0.50 0.20 0.20 0.50 0.50 0.50	5.05 5.25 5.25 5.00 5.00 5.00 5.00 5.00	PAPTICIONAL CORRAY CERIBRE: 13 0.60 0.60 0.60 0.60 0.60 0.60 0.60 0.6	**************************************	98368PT 9461. 9461. 9.0 9.0 9.0 9.2 9.2 9.2 9.2 9.2 9.2 9.2 9.2 9.2 9.2
PATIENT ACCOUNT #: 1 (21.42 - 01.2201 20213 05.7104 #\$URED: LAMES TEST 1.23-44 PATIENT RESPONSEMENTY: PATIENT ACCOUNT #: 1 10.72 - 10.7208 30213 05.7104 2 16.72 - 10.7208 30213 05.7104 5 10.72 - 10.7208 30213 05.7104 5 10.72 - 10.7208 30213 05.7104 5 10.72 - 10.7208 30213 05.7104 5 10.72 - 10.7208 30213 05.7104 5 10.72 - 10.7208 30213 05.7104 5 10.72 - 10.7208 30213 05.7104 5 10.72 - 10.7208 30213 05.7104 5 10.72 - 10.7208 30213 05.7104 5 10.72 - 10.7208 30213 05.7104 5 10.72 - 10.7208 30213 05.7104 5 10.72 - 10.7208 30213 05.7104 5 10.72 - 10.7208 30213 05.7104 5 10.72 - 10.7208 30213 05.7104 5 10.72 - 10.7208 30213 05.7104 5 10.72 - 10.7208 30213 05.7104 5 10.72 - 10.7208 30213 05.7104 5 10.72 - 10.7208 30213 05.7104 5 10.72 - 10.7208 30213 05.7104 5 10.72 - 10.7208 30213 05.7104 5 10.72 - 10.7208 30213 05.7104 5 10.72 - 10.7208 30213 05.7104 5 10.72 - 10.7208 30213 05.7104 5 10.72 - 10.7208 30213 05.7104 5 10.72 - 10.7208 30213 05.7104 5 10.72 - 10.7208 30213 05.7104 5 10.72 - 10.7208 30213 05.7104 5 10.72 - 10.7208 30213 05.7104 5 10.72 - 10.7208 30213 05.7104 5 10.72 - 10.7208 30213 05.7104 5 10.72 - 10.7208 30213 05.7104 5 10.72 - 10.7208 30213 05.7104 5 10.72 - 10.7208 30213 05.7104 5 10.72 - 10.7208 30213 05.7104 5 10.72 - 10.7208 30213 05.7104 5 10.72 - 10.7208 30213 05.7104 5 10.72 - 10.7208 30213 05.7104 5 10.72 - 10.7208 30213 05.7104 5 10.72 - 10.7208 30213 05.7104 5 10.72 - 10.7208 30213 05.7104 5 10.72 - 10.7208 30213 05.7104 5 10.72 - 10.7208 30213 05.7104 5 10.72 - 10.7208 10.7208 10.7208 5 10.72 - 10.7208 10.7208 10.7208 5 10.72 - 10.7208 10.7208 10.7208 5 10.72 - 10.7208 10.7208 10.7208 5 10.72 - 10.7208 10.7208 10.7208 5 10.72 - 10.7208 10.7208 10.7208 5 10.72 - 10.7208 10.7208 5 10.72 - 10.7208 10.7208 5 10.72 - 10.7208 5 10.72 - 10	ERVICE CAV FATT VEST PHYSI	ENT: JAMES 0.25 0.26 0.26 0.28 0.28 0.28 0.28 0.28 0.28 0.28 0.28	#ELICIBLE FF	2.50 0.50 0.50 0.28 0.28 0.30 0.30 0.50 0.50 0.50 0.50 0.50 0.50	CONT MAY N CONT MAY N CONT MAY N CONT MAY N CONT CON CONT CONT CONT CONT CONT CONT CONT CONT CONT CONT CONT	PAPTICIONII ECORAY CERIBRE: 12 0.60 0.60 0.60 0.60 0.60 0.60 0.60 0.6	**************************************	98368PT 9461. 9461. 9.0 9.0 9.0 9.2 9.2 9.2 9.2 9.2 9.2 9.2 9.2 9.0 9.0 9.0 9.0
**************************************	ERVICE CAV FATT VEST PRYSI	ENT: JAMES	#ELICIBLE FF	2.50 0.50 0.50 0.26 0.26 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.5	CONT MAY N CONT MAY N CONT MAY N CONT MAY N CONT CON CONT CONT CONT CONT CONT CONT CONT CONT CONT CONT CONT	PAPTICIONAL ECORAY CERIBINE: 13 0.60 0.60 0.60 0.60 0.60 0.60 0.60 0.6	**************************************	98368PT 9461. 0.0 9.0 9.0 9.2 9.2 9.2 9.2 9.2 9.2 9.2 9.2 9.2 9.2

US RE44,748 E

Page 2

References Cited OTHER PUBLICATIONS (56)U.S. PATENT DOCUMENTS "AP vPayment XML Supplier Training", GE Corporate Payment Services, dated Jan. 26, 2005. 2001/0034618 A1 10/2001 Kessler et al. 2002/0194027 A1 12/2002 Smith Visa Commercial Solutions: Merchant Category Codes for IRS Form 2004/0249745 A1 12/2004 Baaren 1099-MISC Reporting, Visa U.S.A. Inc., 2004. 2/2005 Hogan 2005/0033604 A1 4/2005 Kaehler et al. 705/2 2005/0086075 A1* Preliminary Response and Exhibit 2001 as filed on Nov. 25, 2013 in 6/2005 Ilic 370/351 2005/0122953 A1* corresponding Covered Business Method Review proceeding num-2005/0209964 A1 9/2005 Allen et al. 11/2005 Rosenberger 2005/0261944 A1 ber CBM2013-00047. 2006/0010016 A1 1/2006 Kossol et al. 1/2007 Kennedy et al. 2007/0005402 A1 * cited by examiner 2009/0222353 A1 9/2009 Guest et al.



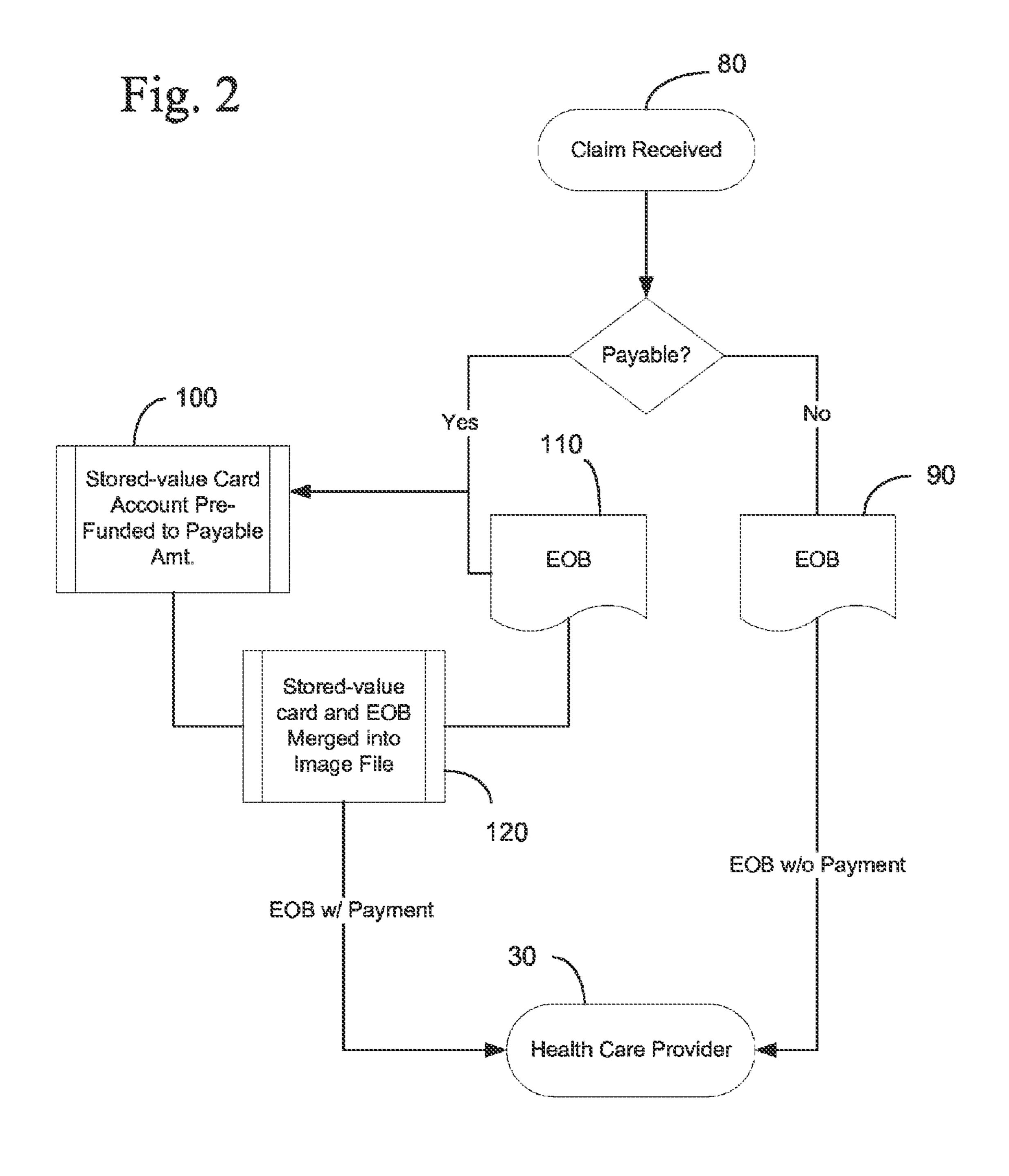


Fig. 3

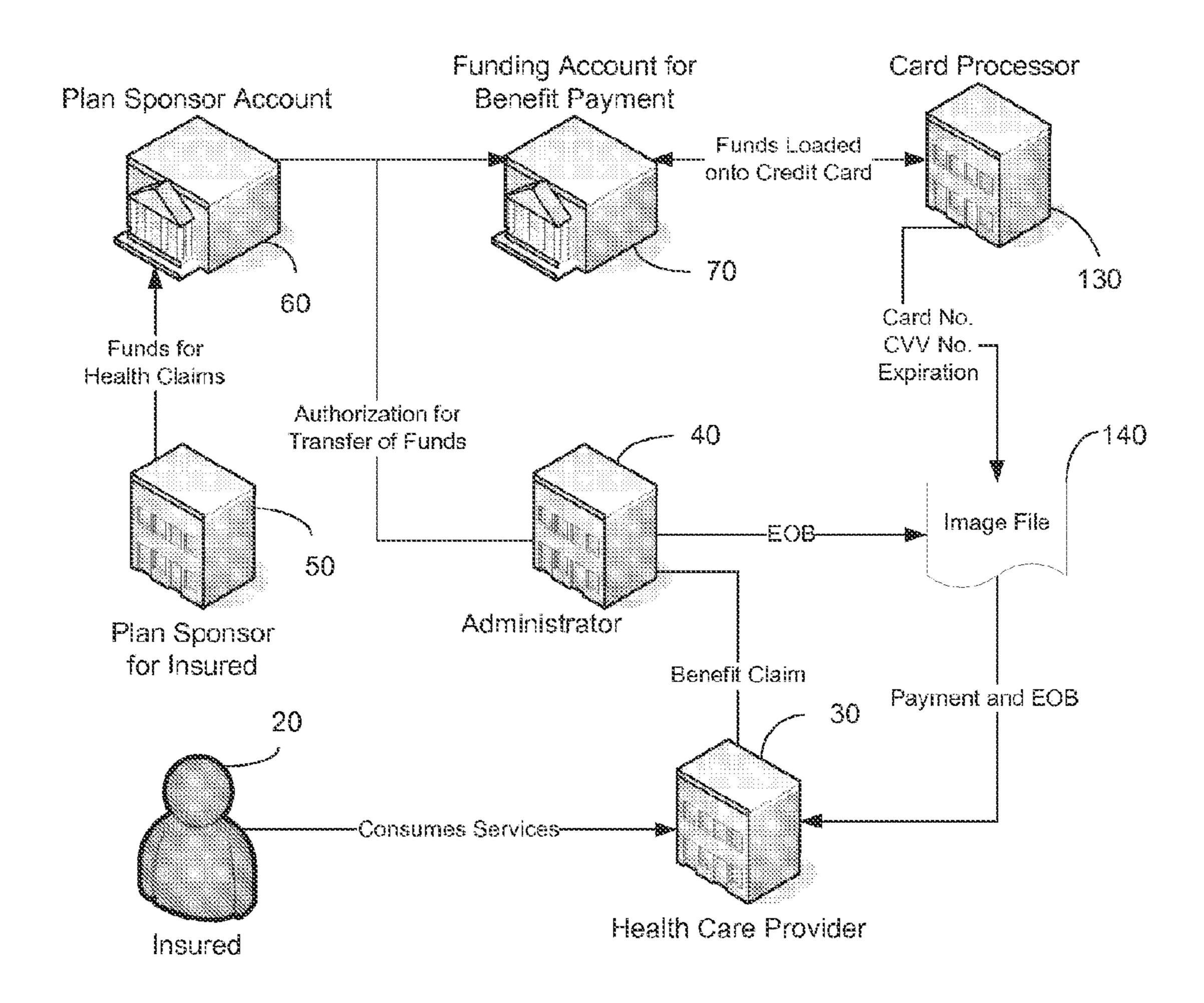
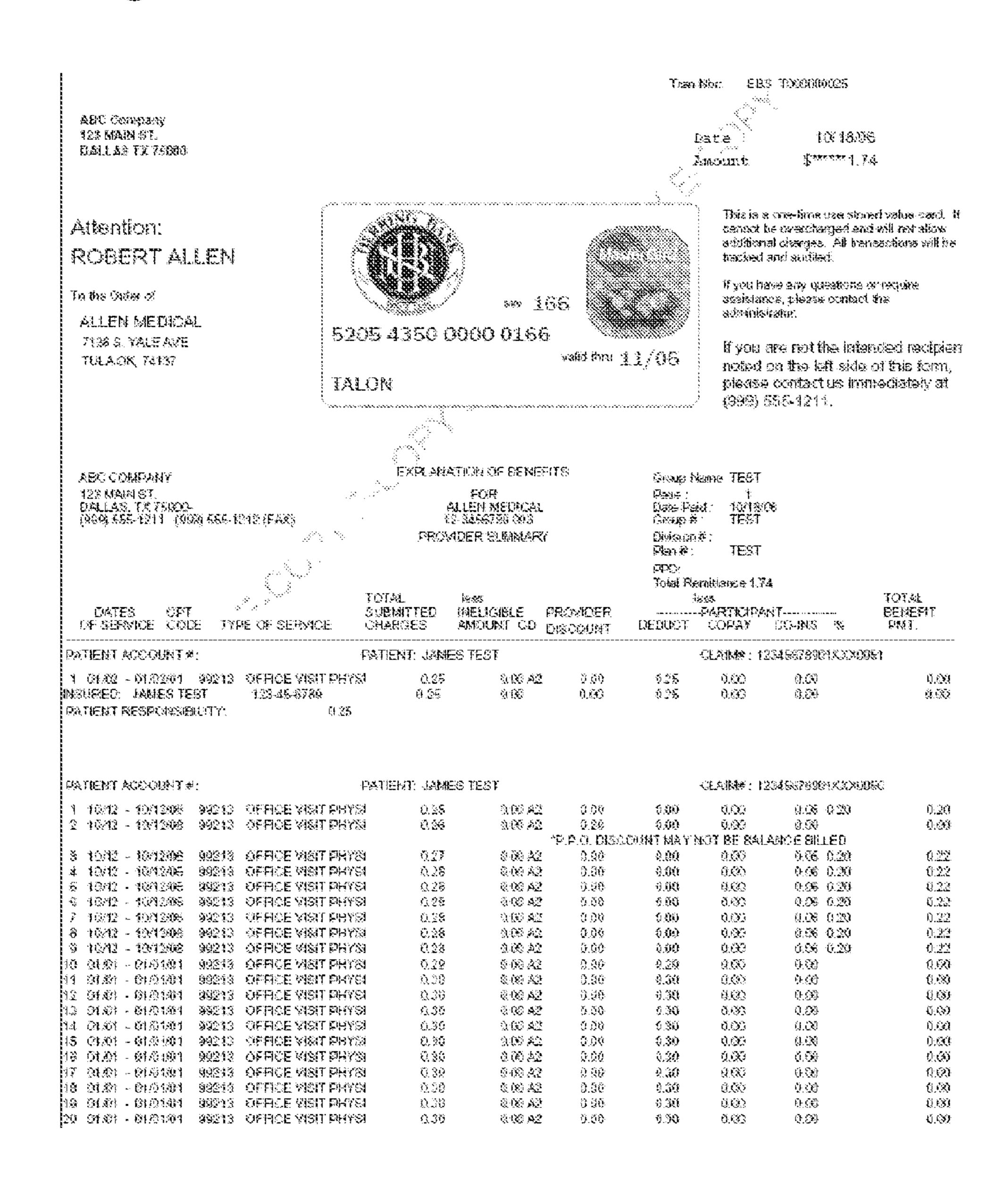


Fig. 4



1

MEDICAL BENEFITS PAYMENT SYSTEM

Matter enclosed in heavy brackets [] appears in the original patent but forms no part of this reissue specification; matter printed in italics indicates the additions made by reissue.

Notice: More than one reissue applications have been filed 10 for the reissue of U.S. Pat. No. 7,792,686. The reissue applications are the present application and application Ser. No. 13/358,620, which has issued into U.S. Pat. No. Re. 43,904. This application is a continuation reissue of application Ser. No. 13/358,620, which has issued into U.S. Pat. No. Re. 15 43,904, which is a reissue of U.S. Pat. No. 7,792,686.

FIELD OF INVENTION

This invention relates to facilitating payments for medical ²⁰ benefits, and more specifically to streamline the payment of health care providers by administrators and insurance carriers that handle claims adjudication and payment to these providers.

BACKGROUND OF THE INVENTION

Third party administrators, insurance companies, and large self-funded corporations (herein "Payers") adjudicate claims, compare them to the benefit plan and make the decision to write checks in payment for the claims. Currently, Payers are required to print checks and explanation of benefit (EOB) forms for delivery to the health care providers. The EOB lists the amount the health care provider billed the Payer's company and the amount the Payer's company paid on the claim. It may also list the contractual discount amount and the patient responsibility. If the claim is denied, the EOB will explain the reason for denial. It has been estimated that the check and EOB forms cost Payers approximately \$4.50 each.

The inefficiencies to all Payers that must coordinate pay—40 ment for medical services. This includes, but is not limited to, insurance carriers, government entities, and non-profit organizations.

A long-felt but unfulfilled need in the art is a system to reduce the transactional costs incurred by the payers and 45 speed up the delivery and funding of payments by weeks.

SUMMARY OF INVENTION

The present invention is a method of facilitating payment of health care benefits to a health care provider on behalf of a Payer, often an insurance company, government organization or self-insured entity. An embodiment of the invention includes the step of electronically transmitting a stored-value card account payment of the authorized benefit amount concurrently with an explanation of benefits. For the purposes of this patent specification, stored-value cards and stored-value card accounts shall also include financial instruments known as credit cards, debit cards and EFT cards.

A credit card system is a type of retail transaction settlement and credit system, named after the small plastic card issued to users of the system. A credit card is different from a debit card in that it does not remove money from the user's account after every transaction. In the case of credit cards, the issuer lends money to the consumer (or the user).

A debit card account provides an alternative payment method to cash when making purchases. When issued in

2

physical form, the card is a ISO 7810 card like a credit card, however its functionality is more similar to writing a check as the funds are withdrawn directly from the cardholder's bank account; some cards are referred to as check cards.

A stored-value card represents money on deposit with the issuer, and is similar to a debit card. One major difference between stored value cards and debit cards is that debit cards are usually issued in the name of individual account holders, while stored value cards are usually anonymous.

The stored-value card account payment generally includes a card number with the pre-funded amount, a card verification value code and an expiration date. The payment and explanation of benefits may be transmitted by a number of methods including, but not limited to, fax, SMTP, SMS, MMS, HTTP, HTTPS, and FTP. The electronic transmission may include an electronically computer-generated image of a physical debit card and the unique debit card number is associated with a single benefit payment.

Paid benefits charged to the associated debit card transaction may be reconciled via the unique card number generated and assigned to a single payment. In addition, the debit card is pre-funded only to the authorized benefit amount. Thus is it not possible to charge more than the authorized benefit amount. Furthermore, the stored-value card account payment may only be charged through a medical services terminal. The terminal may be coupled to a computer-implemented communications network as is known in the art for credit and debit card transactions.

Another embodiment includes a method of facilitating payment of health care benefits to a health care provider including the steps of identifying the health care provider that renders medical services in anticipation of payment; identifying a payer that has agreed to pay the health care provider on behalf of a patient subject to preselected conditions; identifying an administrator that determines whether the medical services conducted by the service provider meet the preselected conditions by the payer, generates an explanation of benefits, and arranges for payment of the service provider if appropriate; intercepting the explanation of benefits and payment information transmitted from the administrator to the health care provider; acquiring a stored-value card account number for the amount of the check; merging the stored-value card account number with the explanation of benefits into an image file; and transmitting the image file to the health care provider. The image file may be transmitted by a number of methods including, but not limited to, fax, SMTP, SMS, MMS, HTTP, HTTPS, and FTP. The transmission may be implemented using a computer coupled to a network connection such as known in the art and required for transmissions such as FTP, HTTP, and the like.

The charge incurred against the stored-value card account number may be reconciled to confirm the health care provider has been paid for the services approved by the administrator. As an added security precaution, the stored-value card account number is chargeable only through a medical services terminal.

BRIEF DESCRIPTION OF THE DRAWINGS

For a fuller understanding of the invention, reference should be made to the following detailed description, taken in connection with the accompanying drawings, in which:

FIG. 1 (prior art) is an illustration of the current state-ofthe-art.

FIG. 2 is a flow-chart illustration of an embodiment of the invention.

3

FIG. 3 is a diagrammatic view of an embodiment of the invention.

FIG. 4 is an image of a merged EOB and stored-value card account payment according to an embodiment of the invention.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENT

Turning to FIG. 1 (prior art), insured patient 20 consumes services from health care provider 30. Health care provider 30 submits a benefit claim to administrator 40 in order to receive payment. Administrator 40 may be a third party administrator, insurance company government entity, non-profit organization or the like. For the purposes of this specification, administrator 40 is considered any entity that adjudicates claims, compares them to the benefit plan and makes the decision to make payment for the services. Administrator 40 evaluates the claim made by health care provider 30 to determine whether all or a portion of the benefit claim is payable under the terms of the relevant policy issued by payer or plan sponsor (herein "payer"). 50. Payer 50 funds funding account 70 in anticipation of benefit claims. If administrator 40 finds that a benefit claim is payable, it draws the money from 25 funding account 70. Administrator 40 then generates an explanation of benefits and a check for the benefit payment. The explanation of benefits and check are then sent concurrently to health care provider 30. Drawbacks associated with the prior art include the cost and time associated with generating hardcopy checks and sending them by mail to health care provider 30. A long-felt but unfulfilled need exists in the art to reduce this transactional cost and speed up payment of benefits to health care provider 30.

In FIG. 2, claim 80 is received. Claim 80 is then evaluated to determine whether it is payable under the terms of an applicable policy. If claim 80 is not even partially payable, then non-payment EOB 90 is generated and transmitted to health care provider 30 without payment. However, if claim 80 is at least partially payable, then stored-value card account 40 100 is loaded with funds equal to the amount of the payable benefit. Payment EOB 110 is merged with stored-value card account 100 to generate image file 120. Image file 120 includes payment EOB 110 and a computer-generated facsimile of a physical stored-value card complete with the card 45 number, expiration date and security verification code. Image file 120 is transmitted to health care provider 30 by a suitable transmission medium including, but not limited to, fax, SMTP, SMS, MMS, HTTP, HTTPS, and FTP.

In FIG. 3, insured 20 having coverage provided by payer 50 50 consumes services by health care provider 30. Health care provider 30 then submits a benefit claim to administrator 40 which adjudicates the benefit claim in accordance with preexisting guidelines. If payment is appropriate on the benefit claim, a transfer of funds is made between payer's account 60 55 and its funding account 70 (to which administrator 40 has access). Stored-value card processor 130 then loads funds from funding account 70 onto a stored-value card account. The stored-value card account is chargeable only on a medical services terminal and it cannot be charged over the amount 60 loaded onto it. The card number, the security verification code and the expiration date of the debit card account are merged with the explanation of benefits generated by administrator 40 into image file 140 which is then transmitted back to health care provider 30.

FIG. 4 illustrates an exemplary embodiment of a merged EOB and stored-value card account payment.

4

It will be seen that the advantages set forth above, and those made apparent from the foregoing description, are efficiently attained and since certain changes may be made in the above construction without departing from the scope of the invention, it is intended that all matters contained in the foregoing description or shown in the accompanying drawings shall be interpreted as illustrative and not in a limiting sense.

It is also to be understood that the following claims are intended to cover all of the generic and specific features of the invention herein described, and all statements of the scope of the invention which, as a matter of language, might be said to fall therebetween. Now that the invention has been described,

What is claimed is:

[1. A method of facilitating payment of adjudicated health care benefits to a health care provider on behalf of a payer comprising the steps of:

loading a unique, single-use, stored-value card account with an amount equal to a single, authorized benefit payment, the card account only chargeable through a medical services terminal;

generating an explanation of benefits associated with the payment;

creating a computer-generated image file containing the stored-value card account number, the amount, a card verification value code, an expiration date, and the explanation of benefits;

transmitting the image file by fax to the health care provider; and

reconciling the charged card account to confirm that the health care provider has received payment.]

[2. A method of facilitating payment of adjudicated health care benefits to a health care provider comprising:

identifying the health care provider that renders medical services in anticipation of payment;

identifying a payer that has agreed to pay the health care provider on behalf of a patient subject to preselected conditions;

identifying an administrator that determines whether the medical services conducted by the service provider meet the preselected conditions by the payer, generates an explanation of benefits, and authorizes payment of the service provider for an authorized amount;

intercepting the explanation of benefits and payment information transmitted from the administrator to the health care provider;

acquiring a single-use, stored-value card account number and loading it with funds equal to the authorized amount;

merging the stored-value card account number, the authorized amount, a card verification value code, and an expiration date with the explanation of benefits into a computer-generated image file; and

transmitting the image file to the health care provider via a computer-implemented transmission.

[3. The method of claim 2 wherein the image file is transmitted by fax.]

[4. The method of claim 2 further comprising the step of reconciling the charge incurred against the stored-value card account number to confirm the health care provider has been paid for the services approved by the administrator.]

[5. The method of claim 2 wherein the stored-value card account number is chargeable only through a medical services terminal.]

[6. A method of facilitating payment of adjudicated health care benefits to a health care provider on behalf of a payer comprising the steps of:

- loading a unique, single-use, stored-value card account with an amount equal to a single, authorized benefit payment, the card account only chargeable through a medical services terminal;
- generating an explanation of benefits associated with the 5 payment;
- creating a computer-generated image file containing the stored-value card account number, the amount, a card verification value code, an expiration date, and the explanation of benefits;
- transmitting the image file by a computer-implemented electronic transmission medium selected from the group consisting of fax, SMTP, SMS, MMS, HTTP, HTTPS, and FTP to the health care provider wherein the electronic transmission includes a computer-generated 15 image of a physical card; and
- reconciling the charged card account to confirm that the health care provider has received payment.
- 7. A method of facilitating payment of adjudicated health care benefits to a health care provider on behalf of a payer 20 comprising the steps of:
 - adjudicating a benefit payment by evaluating a benefit claim under the terms of an applicable medical benefits policy and calculating an amount of a payable benefit;
 - creating a unique stored-value card account by one or 25 more computers, the stored-value card account being chargeable only up to an authorized amount;
 - allocating funds within an account designated by a payer to the stored-value card account by one or more computers in the amount of the adjudicated benefit payment; 30 generating an explanation of benefits associated with the payment;
 - creating a file containing the stored-value card account number, the adjudicated benefit payment amount, a card explanation of benefits by one or more computers; and sending the file to the health care provider.
- 8. The method of claim 7 further comprising the step of reconciling the charged card account to confirm that the health care provider has received payment.
- 9. The method of claim 7 further comprising the step of providing a computer-generated image of a physical card in the transmitted file.
- 10. The method of claim 7 wherein the stored-value card account is only chargeable through a medical services termi- 45 is a credit card. nal.
- 11. The method of claim 7, wherein the stored-value card is a debit card.
- 12. The method of claim 7, wherein the stored-value card is a credit card.
- 13. A system for payment of health care benefits combining payment terms and an explanation of benefits, the system comprising:
 - an explanation of benefits describing medical services provided to a patient by a health care provider, an amount 55 billed by the health care provider and an amount paid by the patient's insurance company; and
 - a payment mechanism associated with the explanation of benefits, the payment mechanism merging a storedvalue card account number, an adjudicated benefit pay- 60 ment amount, a card verification value code, and an expiration date with the explanation of benefits into a document by one or more computers;
 - wherein funds in the amount of a single, adjudicated benefit payment are allocated within an account designated by 65 the insurance company to a unique, single-use, storedvalue card account, the stored-value card account being

- chargeable only up to an authorized amount, and wherein the document is sent to the health care provider as payment for the medical services.
- 14. The system of claim 13 wherein the charged card account is reconciled to confirm that the health care provider has received payment.
- 15. The system of claim 13 wherein a computer-generated image of a physical card is provided in the transmitted document.
- 16. The system of claim 13 wherein the stored-value card account is only chargeable through a medical services terminal.
- 17. The method of claim 13, wherein the stored-value card is a debit card.
- 18. The method of claim 13, wherein the stored-value card is a credit card.
- 19. A computer implemented method for combining payment of health care benefits with an associated explanation of benefits, the method comprising:
 - receiving an explanation of benefits related to medical services provided by a health care provider;
 - receiving authorization to pay at least a portion of submitted charges associated with the explanation of benefits and the associated funds for payment;
 - allocating funds within an account designated by a payer to a unique, stored-value card account in an amount equal to the adjudicated benefit payment by one or more computers, the stored-value card account being chargeable only up to the authorized amount; and
 - merging the explanation of benefits with the stored-value card account number, the adjudicated benefit amount of payment, a card verification value code, and an expiration date in a file.
- 20. The media of claim 19 wherein the charged card verification value code, an expiration date, and the 35 account is reconciled to confirm that the health care provider has received payment.
 - 21. The media of claim 19 wherein a computer-generated image of a physical card is provided in the merged file.
 - 22. The media of claim 19 wherein the stored-value card 40 account is only chargeable through a medical services terminal.
 - 23. The method of claim 19, wherein the stored-value card is a debit card.
 - 24. The method of claim 19, wherein the stored-value card
 - 25. A system for payment of health care benefits to a health care provider, the system comprising:
 - an administration system operable to receive a benefit claim from the health care provider and to generate an explanation of benefits for the benefit claim along with an approved payment, wherein the amount of approved payment is adjudicated by evaluating the benefit claim under the terms of an applicable medical benefits policy; and
 - a card processing system operable to allocate funds within an account designated by a payer to a stored-value card account in an amount equal to the approved payment by one or more computers, the card processing system also operable to merge the explanation of benefits with the stored-value card account number by one or more computers, the adjudicated amount of payment, a card verification value code, and an expiration date in a file and to send the file to the health care provider as payment for the benefit claim.
 - 26. The system of claim 25 wherein the charged card account is reconciled to confirm that the health care provider has received payment.

7

27. The system of claim 25 wherein a computer-generated image of a physical card is provided in the file.

28. The system of claim 25 wherein the stored-value card account is only chargeable through a medical services terminal.

29. The system of claim 25, wherein the stored-value card is a debit card.

30. The system of claim 25, wherein the stored-value card is a credit card.

* * * *