Electronic Patent Application Fee Transmittal

Application Number:	
Filing Date:	
Title of Invention:	Mobile Payment System (MPS)
First Named Inventor/Applicant Name:	Paul Poniatowski
Filer:	Paul Poniatowski
Attorney Docket Number:	

Filed as Large Entity

U.S. National Stage under 35 USC 371 Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
National Stage Fee	1631	1	330	330
National Stage Exam - all other cases	1633	1	220	220
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Extension-of-Time:				
Miscellaneous:				
			Total in USD ($)	**550**

Whenever you are ready. Making a payment at any time as well ... no need to wait for change or bill .All is done via your phone.
Need an extra pickle on your sandwich ? No problem! no need to look out for the waiter... you just type and let them know what you need.

This system 'll revolutionize the way we shop and pay for things.

Summary of the invention:

The present invention relates to systems and methods for providing quick mobile payment for goods/services from a person to the certain commercial establishment equipped with Wi-fi bubble via his/hers mobile phone , equipped with a special Pay/Shop/BUY button/key (or a currency symbol of a given country) visible on the face or monitor of the mobile device.
The said phone is linked/registered/equipped with information of credit cards/banking data of said individual and special PIN number is assign to said mobile phone to transfer the funds from said participating financial institutions to the merchants POS (point of sale) machine.

Your mobile phone number with special software plus all your personal data plus special PIN number assigned to the specific tel. number number all linked together identifies who you are.

Description of drawings;

Fig. 1.Is a system used when cashing out with a standard cash register / cashier .

Fig. 2. Is a system used when self shopping/ buying products services.

Fig. 3. Is a system used when ordering in a restaurant.

Detailed description:

The system can be used for w hole shopping experience, ordering goods/services by an individual or for dispensing just a payment at the store cash register .
You can easily use my payment method in every day life, and you don't even need to be physically present at the POS/cashregister machine to make a purchase.
Visa is running a pilot project in Japan on what they call contact-less

payment; the draw back of that system is that you still need to be within certain distance 5-10 cm from the POS for the machine to be able to scan the magnetic stripe that is on the phone; not to mention you still have to top-up your "acc"manually to have funds available to buy things and there is a fee for every top-up; also the limit is 50$, so its like pocket money amount
My system you can buy just from about annywheare -within the reach of the mobile nettwork that is...
My idea is to eliminate ATM"s and plastic bank and credit cards in common and everyday use.
It cuts down on cost of the ATM machines- electricity,paper,space lease cost, service ,maintenance upgrades.
Banks 'll control the software that'll be downloaded on persons phone and personal data.
Mobile providers ; banks already using their infrastructure for retail/personal banking transactions and share the same personal data as the banks;
The benefits to the public are - no more line-ups at ATM in rush hours,no need to carry cash or wallet or plastic cards,no need to stay in line to pay for things.

Security -safe completion of transfers/transactions is obviously a big issue - but i believe that there is a software out there tha'll safely allow conduct of mobile wireless banking.If not I have a simple draft of such prototype.
In case of lost phone no one can use your Pay/Buy function on your phone without knowing tour PIN.
Once carrier has been notified of lost/stolen phone it could freeze or erase all the data from your
phone remotely.

In the first aspect FIG.1 the items are totaled up by a store clerk and are to be paid at the cash register.
The person establishes contact with the store wireless network.
Regardless of how many people are in the store at the same time , he/she quickly identify who they are by stating last 3 or 4 digits of their phone number.
Clerk verify the number and sends you a copy of the bill and total on to your phone , the person makes payment selection from the menu FIG. 1A and enters PIN to complete transaction FIG. 1C

In second aspect,FIG .2A the individual establishes the connection with the store wireless environment , then scans the barcodes of the products with his/hers mobile phone thru phone camera or build in scanner.
The phone totals the shopping list , and the payment options are shown.FIG. 1A selection is made for VISA and the PIN number is requested to finalize FIG. 1C ,

2B , 2C
the transaction.

In the third aspect FIG.3 the individual enters a restaurant.
Establishes the WI-fi connection . The restaurant menu appears on the phone screen as well pay / buy option boxes . The person make selection of dishes , drinks ect. and enters the table number on the menu. Options for - extras - modify - waiter call are available on the menu all time.
Upon completion of the meal, the person click/select pay on the screen , that takes him/her to payment selection screen ; selects AMEX ; TOTAL 79$ tip10$ OK? YES enters PIN to finalize.

As a final act of this transaction You may rec. a 10% OFF -an electronic coupon discount for your next visit to Luna.The coupon 'll automatically pop-up on your screen next time around when you 'll be ordering/ preparing a payment in the LUNA restaurant.
Alternatively you could sign up for sales alerts at SEARS , Rite Aid or other fave. store.
In case of lack of wireless POS (small shops) you could enter manually the merchant number in to your phone to make the transaction.

Claims :
I claim :

1. A systems and method used by the general public to make quick purchases of items/products/services in general businesses/stores, supermarkets , gas stations, restaurants ,shopping malls - by entering/scanning/photographing/copying a barcode/special code of the said goods in to their mobile phone equipped with a scanner/reader/photocamera and certain software for calculation/processing/communicating entered data , and said mobile phone equipped with a special "PAY" button is linked/registered with a credit cards and/or a bank accounts of an individual that has certain PIN number assigned to said mobile phone and said financial institutions to complete purchasing of said goods , the system comprising :

a network hub for sending and receiving said information from a participating parties (enduser phone company , financial institution, retail/business establishment.)

a telephone end user and a handset equipped with a special button/key or a special icon on a smart phones , marked as PAY/BUY or a symbol of

SCORE Placeholder Sheet for IFW Content

Application Number: 12596531 Document Date: 10/19/09

The presence of this form in the IFW record indicates that the following document type was received in electronic format on the date identified above. This content is stored in the SCORE database.

- Drawings

Since this was an electronic submission, there is no physical artifact folder, no artifact folder is recorded in PALM, and no paper documents or physical media exist. The TIFF images in the IFW record were created from the original documents that are stored in SCORE.

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Form Revision Date: May 1, 2009

Electronic Acknowledgement Receipt

EFS ID:	6285758
Application Number:	12596531
International Application Number:	PCT/CA04/00513
Confirmation Number:	2588
Title of Invention:	Mobile Payment System (MPS)
First Named Inventor/Applicant Name:	Paul Poniatowski
Correspondence Address:	Paul Poniatowski - 12-11Keniga ul. - Warsaw - 02-495 PL - -
Filer:	Paul Poniatowski
Filer Authorized By:	
Attorney Docket Number:	
Receipt Date:	19-OCT-2009
Filing Date:	
Time Stamp:	15:32:28
Application Type:	U.S. National Stage under 35 USC 371

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Transmittal of New Application	SCAN0042.pdf	1173093 4ba471f24ac538423476455d22f32659e40f0336	no	1
Warnings:					
Information:					
2	Transmittal of New Application	SCAN0043.pdf	1140519 eced0103dc1c08ab8fb2b4905e7c59bf027fd3d1	no	1
Warnings:					
Information:					
3	Transmittal of New Application	SCAN0044.pdf	1347634 26e0718c1983b1f7eba88791eea2fcc00ea80488	no	1
Warnings:					
Information:					
4	Transmittal of New Application	SCAN0045.pdf	1263118 5a72c11111d57fc1964e33f623a80769fd3804b5	no	1
Warnings:					
Information:					
5	Transmittal of New Application	SCAN0048.pdf	1271910 ec8969c3b3acc4868e95af9015fa39959c74f8de	no	1
Warnings:					
Information:					
6	Transmittal of New Application	SCAN0049.pdf	816685 8ce5063a8c4d322c745d9d34572edfeaec04563b	no	1
Warnings:					
Information:					
7	Drawings-other than black and white line drawings	SCAN0038.pdf	1032310 3eea18906431d2b069f947f7be4650830e33e24b	no	1
Warnings:					
Information:					
8	Drawings-other than black and white line drawings	SCAN0039.pdf	862939 83bcbc8fc6df54d8559b18af163204fe358ecf1d	no	1
Warnings:					
Information:					
9	Drawings-other than black and white line drawings	SCAN0041.pdf	753968 238b6fea6cbad31522929d185f11e417318a223e	no	1

Warnings:					
Information:					
10	Fee Worksheet (PTO-875)	fee-info.pdf	30415 78945f828f766d9a62446c3c0291d09ebd916868	no	2
Warnings:					
Information:					
			Total Files Size (in bytes):	9692591	

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If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

PCT/CA 2004/000513

27 JULY 2004 27-07-04

REC'D 23 AUG 2004

WIPO PCT

PA 1194434

THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

UNITED STATES DEPARTMENT OF COMMERCE

United States Patent and Trademark Office

July 15, 2004

THIS IS TO CERTIFY THAT ANNEXED HERETO IS A TRUE COPY FROM THE RECORDS OF THE UNITED STATES PATENT AND TRADEMARK OFFICE OF THOSE PAPERS OF THE BELOW IDENTIFIED PATENT APPLICATION THAT MET THE REQUIREMENTS TO BE GRANTED A FILING DATE UNDER 35 USC 111.

APPLICATION NUMBER: ***10/407,222***
FILING DATE: ***April 07, 2003***

PRIORITY DOCUMENT
SUBMITTED OR TRANSMITTED IN COMPLIANCE WITH RULE 17.1(a) OR (b)

By Authority of the
COMMISSIONER OF PATENTS AND TRADEMARKS

P. SWAIN
Certifying Officer

10407222 , 040703

PTO/SB/05 (03-01)
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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	42092-0001
First Inventor	Paul Poniatowski
Title	AUDIO/VISUAL INFORMATION DISSEMINATION SYSTEM
Express Mail Label No.	

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

1. [✔] Fee Transmittal Form (e.g., PTO/SB/17) *(Submit an original and a duplicate for fee processing)*
2. [✔] Applicant claims small entity status. See 37 CFR 1.27.
3. [✔] Specification [*Total Pages* 14] *(preferred arrangement set forth below)*
   - Descriptive title of the invention
   - Cross Reference to Related Applications
   - Statement Regarding Fed sponsored R & D
   - Reference to sequence listing, a table, or a computer program listing appendix
   - Background of the Invention
   - Brief Summary of the Invention
   - Brief Description of the Drawings (*if filed*)
   - Detailed Description
   - Claim(s)
   - Abstract of the Disclosure
4. [✔] Drawing(s) *(35 U.S.C. 113)* [*Total Sheets* 2]
5. Oath or Declaration [*Total Pages*]
   a. [✔] Newly executed (original or copy)
   b. [ ] Copy from a prior application (37 CFR 1.63 (d)) *(for continuation/divisional with Box 18 completed)*
      i. [ ] DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. [ ] Application Data Sheet. See 37 CFR 1.76
7. [ ] CD-ROM or CD-R in duplicate, large table or Computer Program (*Appendix*)
8. Nucleotide and/or Amino Acid Sequence Submission (*if applicable, all necessary*)
   a. [ ] Computer Readable Form (CRF)
   b. Specification Sequence Listing on:
      i. [ ] CD-ROM or CD-R (2 copies); or
      ii. [ ] paper
   c. [ ] Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. [ ] Assignment Papers (cover sheet & document(s))
10. [ ] 37 CFR 3.73(b) Statement *(when there is an assignee)* [ ] Power of Attorney
11. [ ] English Translation Document *(if applicable)*
12. [ ] Information Disclosure Statement (IDS)/PTO-1449 [ ] Copies of IDS Citations
13. [ ] Preliminary Amendment
14. [✔] Return Receipt Postcard (MPEP 503) *(Should be specifically itemized)*
15. [ ] Certified Copy of Priority Document(s) *(if foreign priority is claimed)*
16. [ ] Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. [ ] Other: .....

18. If a CONTINUING APPLICATION, *check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:*

[ ] Continuation [ ] Divisional [ ] Continuation-in-part (CIP) of prior application No.: _____ / _____

Prior application information: *Examiner:* _____ *Group Art Unit:* _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

[ ] *Customer Number or Bar Code Label* (Insert Customer No. or Attach bar code label here) or [✔] *Correspondence address below*

Name	Cassan Maclean				
	Suite 401				
Address	80 Aberdeen Street				
City	Ottawa	*State*	Ontario	*Zip Code*	K1S 5R5
Country	Canada	*Telephone*	613-238-6404	*Fax*	613-230-8755

Name (Print/Type)	Arturo A. Brion	*Registration No. (Attorney/Agent)*	51,374
Signature		*Date*	04/04/2003

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PTO/SB/17 (01-03)
Approved for use through 04/30/2003. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☑ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT ($) 375.00

Complete if Known	
Application Number	
Filing Date	
First Named Inventor	Paul Poniatowski
Examiner Name	
Art Unit	
Attorney Docket No.	42092-0001

METHOD OF PAYMENT *(check all that apply)*

☐ Check ☑ Credit card ☐ Money Order ☐ Other ☐ None

☐ Deposit Account:

Deposit Account Number

Deposit Account Name

The Commissioner is authorized to: *(check all that apply)*

☐ Charge fee(s) indicated below ☐ Credit any overpayments

☐ Charge any additional fee(s) during the pendency of this application

☐ Charge fee(s) indicated below, **except for the filing fee** to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code	Large Entity Fee ($)	Small Entity Fee Code	Small Entity Fee ($)	Fee Description	Fee Paid
1001	750	2001	375	Utility filing fee	375.00
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) ($) 375.00

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

	Extra Claims		Fee from below	Fee Paid
Total Claims 13	-20** =		X	=
Independent Claims 2	- 3** =		X	=
Multiple Dependent				=

Large Entity Fee Code	Large Entity Fee ($)	Small Entity Fee Code	Small Entity Fee ($)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	84	2201	42	Independent claims in excess of 3
1203	280	2203	140	Multiple dependent claim, if not paid
1204	84	2204	42	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) ($) 0.00

***or number previously paid, if greater; For Reissues, see above*

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code	Large Entity Fee ($)	Small Entity Fee Code	Small Entity Fee ($)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for *ex parte* reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid **SUBTOTAL (3)** ($) 0.00

SUBMITTED BY				(Complete *(if applicable)*	
Name (Print/Type)	Arturo A. Brion	*Registration No. (Attorney/Agent)*	51,374	*Telephone* 613-238-6404	
Signature				*Date*	04/04/2003

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42092-0001

AUDIO/VISUAL INFORMATION DISSEMINATION SYSTEM

Field of the Invention

[00001] The present invention relates to information dissemination systems and is particularly applicable but is not limited to systems and methods for distributing information to the general public at publicly accessible locations.

Background to the Invention

[00002] The reason communications revolution has increased the amount of data available to the public. The public's hunger for more and more information has been whetted by this excess of information.

[00003] Current systems for information dissemination, especially for disseminating to the members of the public who take public means of transportation, are currently inadequate. These systems are solely visual and static. Sandwich boards, billboards, and other very old static forms of advertising are used for such ends. However, as noted above, these systems are inadequate. Such static forms are purely visual and cannot be readily changed in response to changed conditions. Unfortunately, the ubiquity of televisions and computers have had a deleterious effect on the attention span of the average person. As such, current static systems are unable to keep people's attention.

[00004] Another major drawback of current systems is the lack of an audio component. Again, the proliferation of multi-media devices and the ubiquity of multi-media in today's society has the public clamouring for the same presentation type in almost all of their information input. While there are some information dissemination systems that integrate an audio portion (such as publicly accessible television sets), these can be intrusive and annoying to those who do not wish to take advantage of the system.

[00005] There is therefore a need for an information dissemination system that

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integrates both video and audio components while simultaneously avoiding becoming an annoyance to those not wishing to access the information being disseminated. Such an information dissemination system should also be dynamic in that modifying the information content should be relatively simple. Furthermore, the system should be able to keep end users (i.e. the public, especially those who are travelling in public transportation vehicles) occupied and should be able to hold their attention. Finally, it is also very desirable if such a system would be cost effective and financially self sustaining. It is therefore an object of the present invention to mitigate if not overcome the deficiencies of the prior art.

Summary of the Invention

[00006] The present invention relates to systems and methods for providing information to the public by way of publicly accessible devices. A network of video displays are deployed at publicly accessible locations such as inside public transportation vehicles or at public transportation stations. The video feed to these video displays are provided by a video distribution hub which receives the video feed from a network hub. Different audio feeds are accessible to end users or by telephone. End users can call a telephone interface which receives and routes audio feeds from an audio distribution hub. End users can access audio feeds which may be synchronized with a video feed to provide a complete audio visual experience to the end user. For more useful content, the video displayed at any location may be adjusted to be relevant to the area where the video display is deployed. Audio content synchronized to one of these disparate video feeds can be accessed by the end user by dialing different options through the telephone interface. Audio feeds not tied to a specific video feed, such as radio stations or themed audio feeds, may also be accessed by the end user through the telephone interface.

[00007] In a first aspect, the present invention provides a system for distributing information to the public, said information comprising at least one video feed and a plurality of audio feeds, the system comprising:

- a network hub for receiving said information from a source;

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- a plurality of publicly viewable video display screens;

- at least one video distribution hub, the or each video distribution hub receiving one video feed from said network hub and transmitting said one video feed to at least one of said display screens;

- at least one audio distribution hub, the or each audio distribution hub receiving said plurality of audio feeds from said network hub, each of said audio feeds being accessible by end users;

- a telephone interface for receiving end user telephone call for accessing said plurality of audio feeds said telephone interface communicating with said at least one audio distribution hub, said telephone interface automatically routing audio feeds from said at least one audio distribution hub to said end user telephone calls based on end user input,

wherein at least one audio feed is synchronized with one of the at least one video feed.

[00008] In a second aspect, the present invention provides a system for providing at least one audio feed to end users, the system comprising:

- a network hub for receiving at least one audio feed;

- at least one audio distribution hub receiving said at least one audio feed from said network hub:

- a telephone interface for receiving telephone calls from said end users, said interface communicating with said at least one audio distribution hub and said telephone interface automatically routing said at least one audio feed to said telephone calls based on input from said end users.

Brief Description of the Drawings

[00009] A better understanding of the invention will be obtained by considering the detailed description below, with reference to the following drawings in which:

Figure 1 is a block diagram of a system for distributing information according to one aspect of the invention; and

Figure 2 is a block diagram of an example setup for a video display screen for use with

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the system of Figure 1.

Detailed Description

[00010] Referring to Figure 1, a block diagram of a system for distributing information is illustrated. The system has 10 has a network hub 20, multiple video distribution hubs 30A-30E, audio distribution hubs 40A, 40B, and at least one telephone interface 50. The network hub receives multiple audio feeds 60, video feeds 70, and hub end combined audio/video feeds 80 from a variety of sources. These feeds are then separated into dedicated audio only and video-only feeds. The dedicated audio-only feeds are sent to the audio distribution hubs 40A, 40B while the dedicated video-only feeds are sent to the video distribution hubs 30A-30E. At the video distribution hubs, the relevant video only feeds are transmitted to multiple video display screens 90A-90K by transmitters 100A-100E. On the audio side, the telephone interface 50 receives the dedicated audio only feed and routes this to the telephone interface 50. The telephone interface 50 receives telephone calls from end users who wish to access one of the audio feeds. The end users, who could be calling and using their mobile or cellular telephones, can select one of the available audio feeds. Based on the end user input, the interface 50 selects the relevant audio feed and routes this feed to the relevant end user.

[00011] The network hub 20 can be seen as an audio/video feed aggregator - it receives feeds from a variety of sources and collects and combines these feeds into two signals, a dedicated audio feed and a dedicated video feed. The sources from which the feeds originate may be legion - the feeds could come from the Internet, a cable TV provider, broadcast TV, broadcast radio, a dedicated video or audio signal specifically created for the system, or any other source. The network hub 20 separates the feeds depending on the content - video feeds are separated and routed differently from audio feeds using well-known methods and techniques. Video feeds are aggregated into a first single signal with different video feeds occupying different parts or frequencies of that first single signal. Audio feeds are aggregated into a second single signal with different audio feeds occupying different parts or frequencies of that

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second single signal. The video feed signal (the first single signal) is then transmitted to the video distribution hubs 30A-30E. The audio feed signal (the second single signal) is transmitted to the audio distribution hubs 40A, 40B.

[00012] Regarding the video distribution hubs 30A - 30E, each one can "tune" into or isolate one of the video fees aggregated into the video feed signal from the network hub 20. The video feed that a distribution hub tunes into is then passed to a corresponding transmitter. A transmitter then transmits the video feed to multiple video display screens. Each video distribution hub 30A-30E can be a video tuner which tunes to a specific video feed in the video feed signal. Such tuners are well-known in the art.

[00013] The transmitters 100A-100E may be, depending on the implementation, wireless, wired, or optical transmitters. The transmitters 100A-100E transmit the isolated or tuned into video feed to the different video display screens. Each video transmission hub and transmitter combination services video display screens located at a specific geographic area. Thus, one geographic area may have display screens 90A, 90B, 90C, showing video feed A as tuned to by video transmission hub 30A while another geographic area may have display screens 90G, 90H showing video feed B as tuned to by video transmission hub 30D. Such an arrangement allows area - or region - centric video feeds to be distributed to the proper areas. Such an arrangement also allows the system to quickly change what is being shown in the video display screen in a specific area. As an example, if an important bulletin alert occurs and is in a video Q, all of the video distribution hubs 30A-30E could automatically switch to video feed Q, ensuring quick dissemination of the bulletin alert to the video display screens serviced by video transmission hubs 30A-30E. Similarly, if the video feed to be sent to a specific geographic area is to be changed, then only the transmission hub which services that specific geographic area needs to have any changes made. That transmission hub may merely need to tune into a different video feed.

[00014] It should be noted that, to assist the viewing public in determining the content of the video feed being shown on the display screens, each video feed can be provided with closed captioning. This way, viewers can read the text of the audio for the video feed. It should further be noted that advertising and other relevant data may

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be inserted into each of the video feeds. This may be done by dividing the visual representation of the video feed into separate areas, with each area being provided with different data. As an example, Figure 2 illustrates one possible configuration of the visual representation. Area 200 may have the actual moving video being presented (such as a newscast, a situation comedy, or a soap opera program). Area 210 may present the weather forecast for the city, area 220 may present a stock market report and area 230 may present sports scores. Area 240 may be reserved for the closed captioning for the video in area 200 and area 250 may be provided for advertisements that are targeted to the end users. As noted above, the video portions of the presentation (presented in area 200) may be different for different areas. Similarly, different advertisements may be presented for different geographic areas. Ideally, up to ¾ of the display screen may be devoted to advertising space. Devoting such a high proportion of the screen to revenue generating advertising should produce enough revenue for the operation of the system.

[00015] Regarding the video display screens 90A-90K, these display screens are ideally deployed at publicly viewable areas. These may be deployed inside public transportation vehicles such as subway cars and buses and they may be deployed as static installations in subway/bus stations, busy street corners, and other areas of populace concentration. Plasma display screens may be used as the display screens and, in one embodiment, such screens may be hardened and configured to withstand the elements for an outside deployment. Such a deployment may be placed outside moving vehicles such as buses, thereby providing information dissemination to not only commuters inside the vehicle but commuters outside the vehicle as well. For such mobile deployments, wireless technology may be used to transmit the video feed to the video display screens. For static deployments, wired technology such as cable, optical, and other well-known technologies, may be used for the transmission of the video feed to the video display screens. Other static deployments such as inside public transportation vehicles may use flat computer monitors to minimize deployment costs.

[00016] To further lower deployment costs, manufacturers of the display screens could offer preferential pricing for their screens to those deploying and operating the

IPR2024-00731
APPLE EX1002 Page 18

system. Such a measure would provide the manufacturers free advertising as the public would be exposed to their product for free.

[00017] The audio portion of the system 10 operates in a similar manner with one important difference - end users can select which audio feed to access. As noted above, the audio feed signal is received by the audio transmission hubs 40A, 40B. The different audio feeds can be accessed by tuning into or isolating the relevant audio feed from the rest of the audio feed signal. This is what the telephone interface 50 does, along with automatically receiving end user telephone calls and automatically routing the relevant audio feed to the relevant end user telephone call. The telephone interface 50 has multiple tuners with each tuner isolating or tuning into one of the audio feeds in the audio feed signal. Upon a request by an end user who is calling in, the relevant audio feed is diverted or routed to this end user.

[00018] The telephone interface 50 acts as an access point for end users. End users can call into the telephone interface (with the relevant telephone number perhaps flashed on the video display screens) and access a specific audio feed. To present a complete audio visual experience in conjunction with that with what is being presented on the video display screens, at least one of the audio feeds could be synchronized with the presentation on the video display screens. As an example, if geographic area A is showing video show A1 on screens 90A-90C and geographic area B is showing video show A2 on screens 90I-90K, end users in area A would need to access the audio feed synchronized the video show A1 while end users in the area B would need to access the audio feed synchronized to the video show A2. This may be done by an end user calling the telephone interface 50 and, after navigating an automated answering and menu system, accessing the relevant audio feed. This answering and menu system is well-known technology and is readily available. Thus, an end user in area A would, to get the proper audio visual experience, access a different audio feed from that accessed by an end user in area B. As yet another variant, the audio feed synchronized to a specific video show could be presented in different languages as separate audio feeds. As an example, video show A1 showing on screens 90A-90C could be synchronized to three different audio feeds - one audio feed being in English,

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another audio feed being in French, and a third audio feed being in Chinese. As such, an end user could access anyone of the video feeds synchronized to that specific video show in the language of preference for the end user. Thus, a single video feed being presented in a specific geographic area could be accessible to people who do not necessarily speak the exact same language. Similarly, the closed captioning presented on the video display screens could be presented in multiple languages or, if one language is predominant in a specific area, the closed captioning could be presented in that single language. The technology for routing audio feeds synchronized to a video feed is currently available and used in passenger aircraft that provides in-flight entertainment. Adapting such technology with appropriate telephone menu technology will produce the requisite telephone interface described above.

[00019] It should be noted that the audio feeds available need not all be synchronized to the video feeds. Other audio feeds, such as audio feeds that provide music, commentary, radio station feeds, and others, may be available, depending on the implementation. This system is ideally suited to be accessed by commuters with cellular or mobile phones 260. Commuters, while on their morning or afternoon commute may view the video display screens inside the public transportation vehicle or in the stations while waiting for the vehicles. In concert with this, the commuters can use their mobile telephones to call the telephone interface and listen in on the audio portion of the program being presented in area 200 of the video display screen. Alternatively, the commuter may decide not to view the video program on the video display screen but merely listen to some other audio program being presented as a separate audio feed through his or her mobile telephone. However, the system need not be limited to mobile telephones. End users who have, ideally, a landline speaker phone may also access the telephone interface to listen to the different available audio feeds at work or at home. To address the different tastes of different types of people, themed audio feeds, such as all-sports, all-classical music, all-news or all-music (with different audio feeds for different types of music) may also be available.

[00020] To accommodate the different regions in a large geographic area, multiple telephone interface/audio transmission hubs may be implemented, with different

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telephone interfaces serving different areas.

[00021] To allow for a financially self-sustaining system, advertising space may be sold on either the video feeds (as explained above) or in the audio feeds. Advertisements may be sold on a per display screen basis, a regional coverage basis, or on a visibility (time visible on screen) basis. Similarly, subscription fees may be collected from end users who wish to access the audio feed. Alternatively, the system could be free to mobile telephone users with the operational and deployment costs being borne by advertisers and/or public transportation bodies.

[00022] The system described above is flexible enough for many different types of advertising and promotions. As an example, advertisers could include in their advertising a specific telephone code which users may enter while listening to an audio feed. Entering the code would then automatically connect the end user to the advertiser's telephone call-in center so the end user can then take advantage of the offer (e.g. a vacation trip for a low promotional price). Alternatively, end users may establish an account, with their credit cards on file, with the operators of the system. These end users may then do their shopping over the telephone based on what is being advertised on the display screens. End user choices, such as the colour, size, or type of merchandise, could be entered by the end user via the telephone keypad. Tho verify an end user's identity, PIN (personal identification numbers) could be associated with each end user account. Such PIN numbers would be required to validate/finalize the transaction before the end user's credit card is charged and before the item is shipped to the end user's on-file address.

[00023] The system also offers a myriad of advantages to society and the public in general. It may be used as part of a public broadcasting system to inform the populace of alerts or emergencies. It can also increase literacy as those without mobile phones will need to read the closed captioning and/or the text on-screen to determine what is being presented. It will also produce greater usage of public transportation vehicles as passengers are not only transported from one place to another but are also entertained. Such an increase in ridership may also augur an decrease in the number of vehicles on the road, thereby leading to a more environment-friendly society. The increased

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advertising may also lead to greater consumer spending, thereby fueling economic growth for the areas where the system is deployed.

[00024] Although various exemplary embodiments of the invention have been disclosed, it should be apparent to those skilled in the art that various changes and modifications can be made which will achieve some of the advantages of the invention without departing from the true scope of the invention.

[00025] A person understanding this invention may now conceive of alternative structures and embodiments or variations of the above all of which are intended to fall within the scope of the invention as defined in the claims that follow.

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42092-0001

We claim:

1. A system for distributing information to the public, said information comprising at least one video feed and a plurality of audio feeds, the system comprising:

- a network hub for receiving said information from a source;
- a plurality of publicly viewable video display screens;
- at least one video distribution hub, the or each video distribution hub receiving one video feed from said network hub and transmitting said one video feed to at least one of said display screens;
- at least one audio distribution hub, the or each audio distribution hub receiving said plurality of audio feeds from said network hub, each of said audio feeds being accessible by end users;
- a telephone interface for receiving end user telephone call for accessing said plurality of audio feeds said telephone interface communicating with said at least one audio distribution hub, said telephone interface automatically routing audio feeds from said at least one audio distribution hub to said end user telephone calls based on end user input,

wherein at least one audio feed is synchronized with one of the at least one video feed.

2. A system according to claim 1 wherein said network hub receives said information as separate video and audio feeds.

3. A system according to claim 1 wherein at least one audio feed received by said network hub is a thermal audio feed.

4. A system according to claim 1 wherein at least one of said plurality of publicly viewable video display screens receives a video feed from said video distribution hub by wireless means.

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5. A system according to claim 1 wherein at least one of said plurality of publicly viewable video display screens receives a video feed from said video distribution hub through a closed circuit network.

6. A system according to claim 4 wherein said at least one of said plurality of publicly viewable video display screens is deployed outside a vehicle.

7. A system according to claim 4 wherein said at least one of said plurality of publicly viewable video display screens is deployed inside a vehicle.

8. A system according to claim 1 wherein said network hub receives multiple video feeds, each of said multiple video fees being transmitted to said video display screens located in different geographic regions.

9. A system according to claim 1 wherein said at least one video feed is provided with closed captioning.

10. A system according to claim 1 wherein said at least one video feed is provided with advertisements.

11. A system for providing at least one audio feed to end users, the system comprising:

- a network hub for receiving at least one audio feed;

- at least one audio distribution hub receiving said at least one audio feed from said network hub:

- a telephone interface for receiving telephone calls from said end users, said interface communicating with said at least one audio distribution hub and said telephone interface automatically routing said at least one audio feed to said telephone calls based on input from said end users.

12. A system according to claim 11 wherein a plurality of audio feeds are received by

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said network hub and at least one of said plurality of audio feeds is synchronized with a video feed.

13. A system according to claim 12 wherein said video feed is publicly viewable.

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Abstract

Systems and methods for providing information to the public by way of publicly accessible devices. A network of video displays are deployed at publicly accessible locations such as inside public transportation vehicles or at public transportation stations. The video feed to these video displays are provided by a video distribution hub which receives the video feed from a network hub. Different audio feeds are accessible to end users or by telephone. End users can call a telephone interface which receives and routes audio feeds from an audio distribution hub. End users can access audio feeds which may be synchronized with a video feed to provide a complete audio visual experience to the end user. For more useful content, the video displayed at any location may be adjusted to be relevant to the area where the video display is deployed. Audio content synchronized to one of these disparate video feeds can be accessed by the end user by dialing different options through the telephone interface. Audio feeds not tied to a specific video feed, such as radio stations or themed audio feeds, may also be accessed by the end user through the telephone interface.

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42092-0001

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

AUDIO/VISUAL INFORMATION DISSEMINATION SYSTEM

the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. §1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby appoint practitioners named below:

NAME	Reg. No.
P. Scott Maclean	39,543
Lynn S. Cassan	32,378
Arturo A. Brion	51,374
Allan P. Millard	43,397

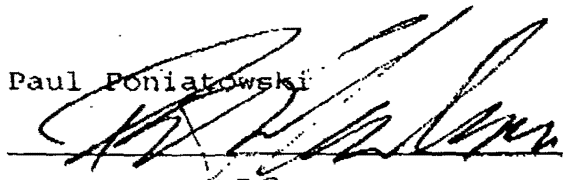
as my/our attorney(s) or agent(s), with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Unless otherwise directed in an Associate Power of Attorney, direct all correspondence to: Cassan Maclean, Suite 401, 80 Aberdeen St., Ottawa, Ontario CANADA K1S 5R5.

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that wilful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such wilful false statements may jeopardize the validity of the application or any patent issued thereon.

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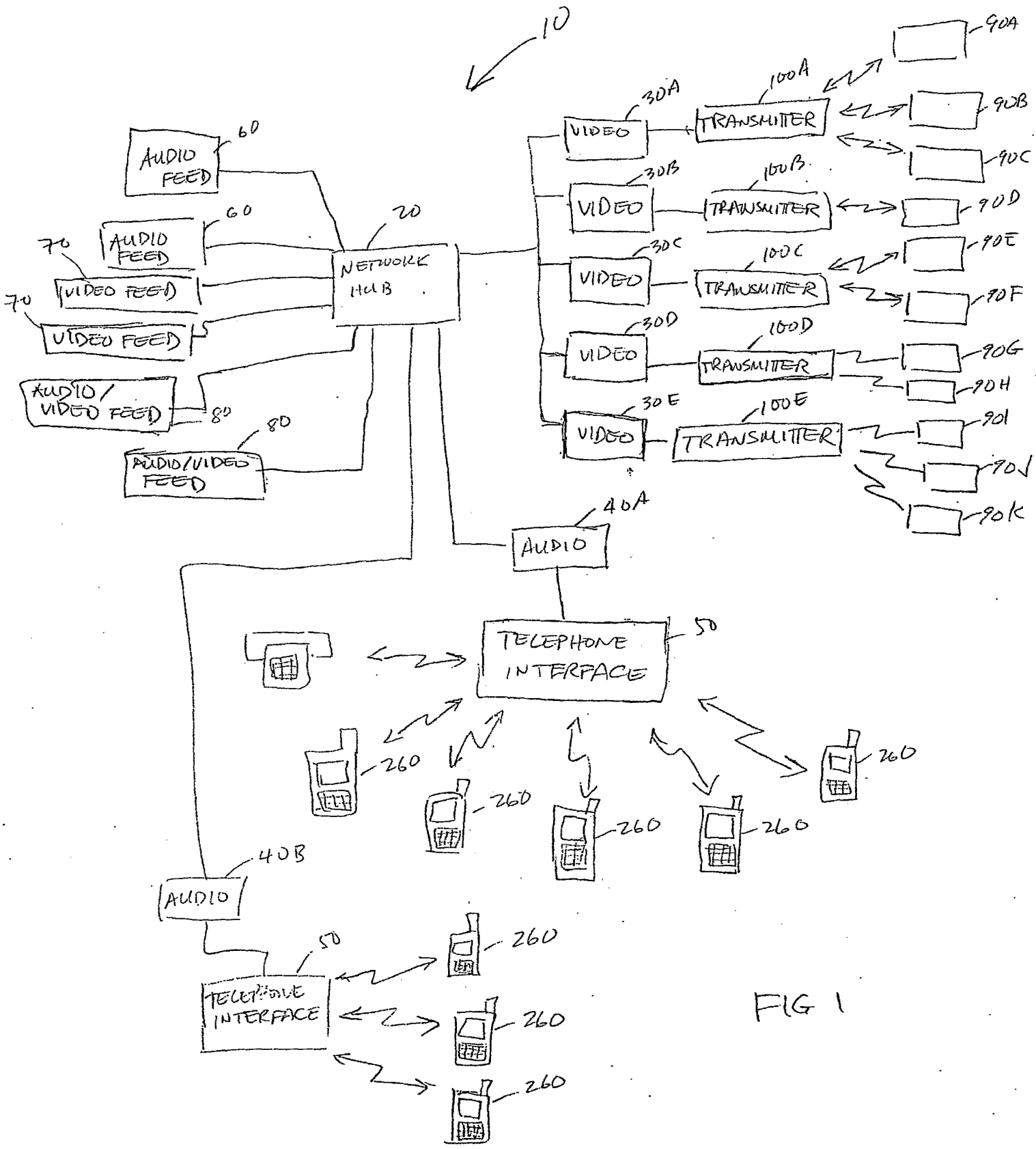


FIG 1

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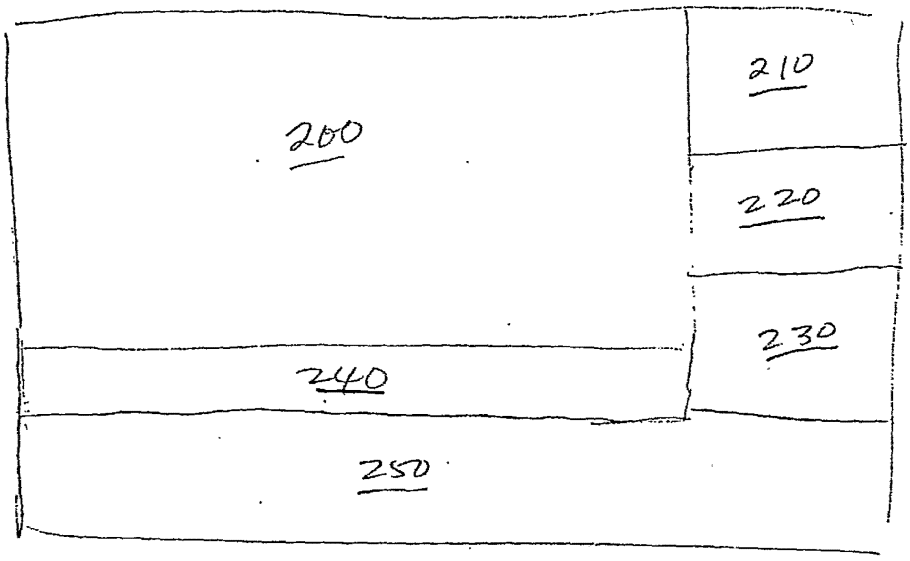
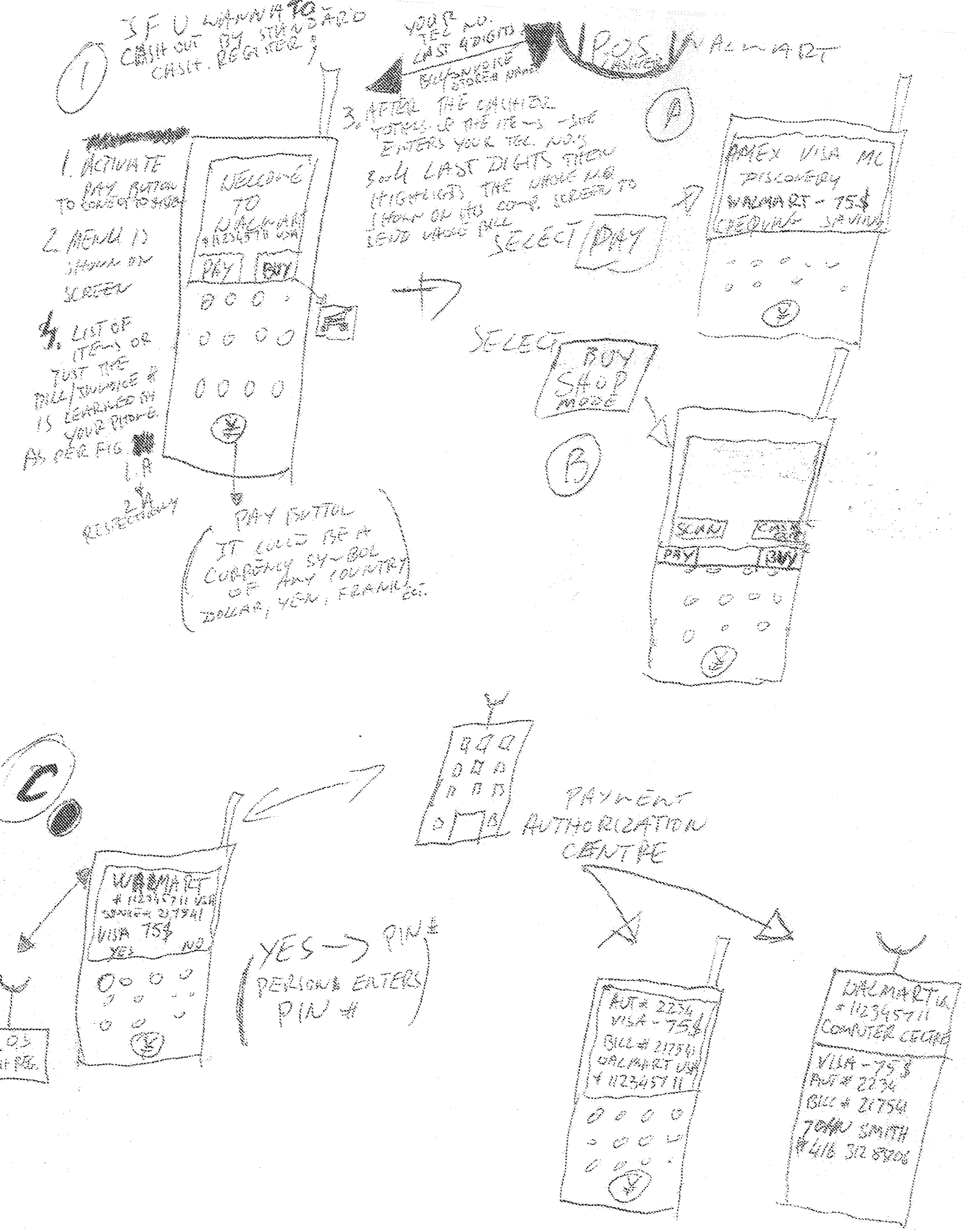
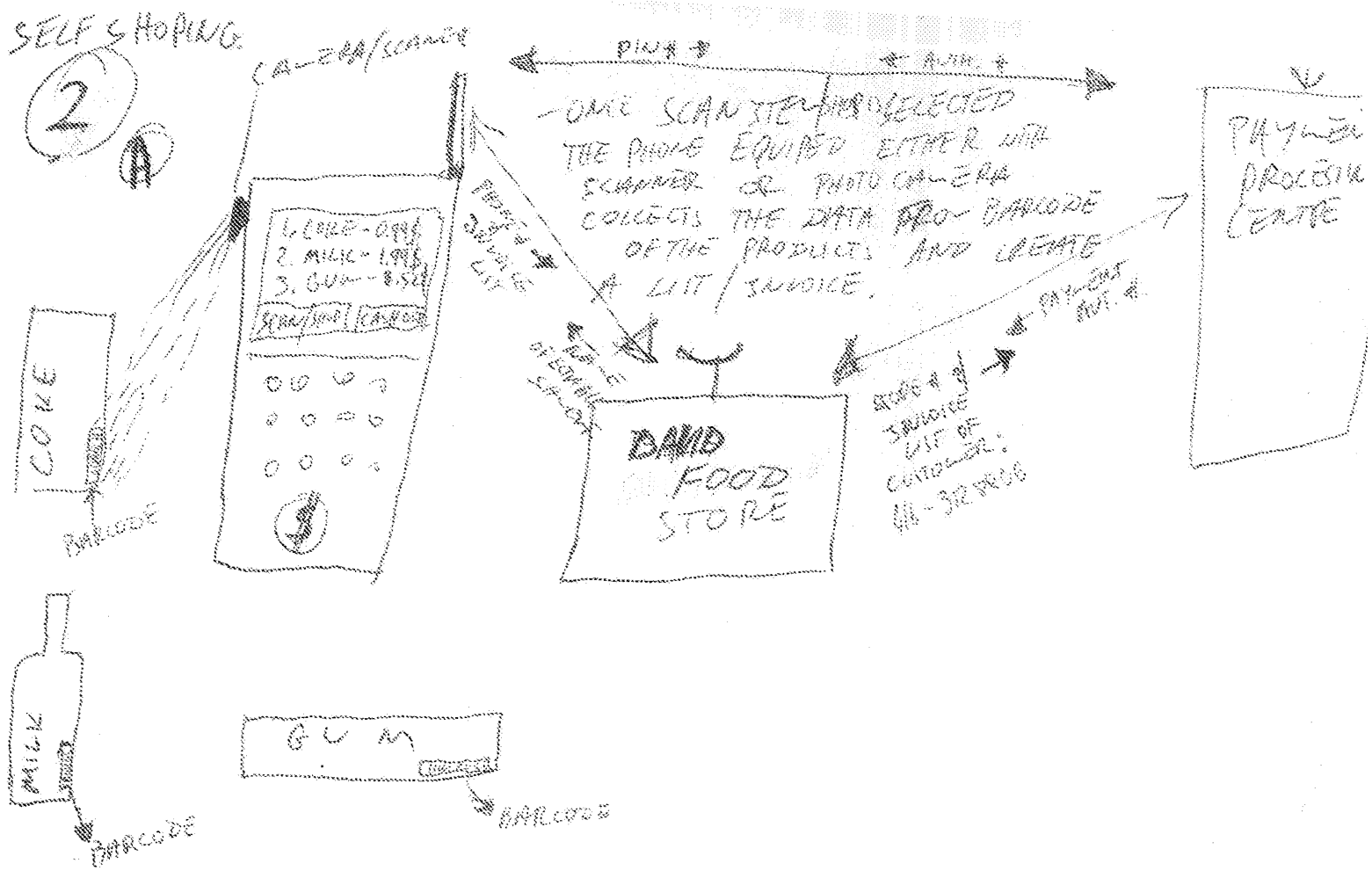
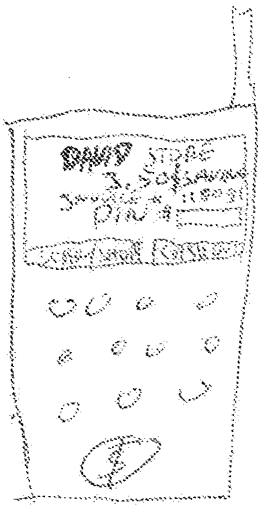


FIG. 2

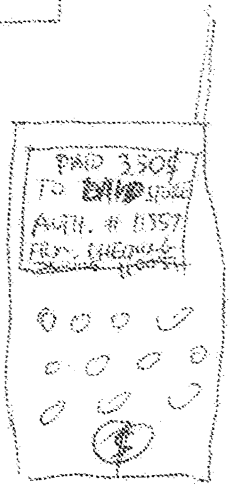
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1
IF U WANNA TO CASH OUT BY STANDARD CASH. REGISTER
POS
WALMART
YOUR TEL NO. LAST 4 DIGITS
BILL NAME STORE NAME
3. AFTER THE CASHIER TOTALS UP THE ITEMS - SHE ENTERS YOUR TEL NOS LAST 4 DIGITS THEN (HIGHLIGHTS) THE WHOLE NO (HOME OR ITS COMP. SCREEN TO SEND WHOLE BILL
SELECT PAY
A
AMEX VISA MC DISCOVERY
WALMART - 75$
CHEQUING SAVINGS
1. ACTIVATE PAY BUTTON TO CONNECT TO SHOP
2. MEANS TO SHOW ON SCREEN
4. LIST OF ITEMS OR JUST THE BILL/INVOICE # IS LEARNED BY YOUR PHONE AS PER FIG 1.A
WELCOME TO WALMART
PAY
EXIT
2. REITERATION
PAY BUTTON
(IT COULD BE A CURRENCY SYMBOL OF ANY COUNTRY DOLLAR, YEN, FRANC ETC.
SELECT
BUY SHOP MODE
B
SCAN
PAY
BUY
C
PAYMENT AUTHORIZATION CENTRE
WALMART # 1234567 11 VISA SIGNATURE 21754
VISA 75$
YES
NO
(YES → PIN # PERSON ENTERS PIN #
AUT # 2234 VISA - 75$ BILL # 21754 WALMART VISA # 1234567 11
WALMART # 1234567 11 COMPUTER CENTRE
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BILL # 21754
JOHN SMITH
416 312 8906

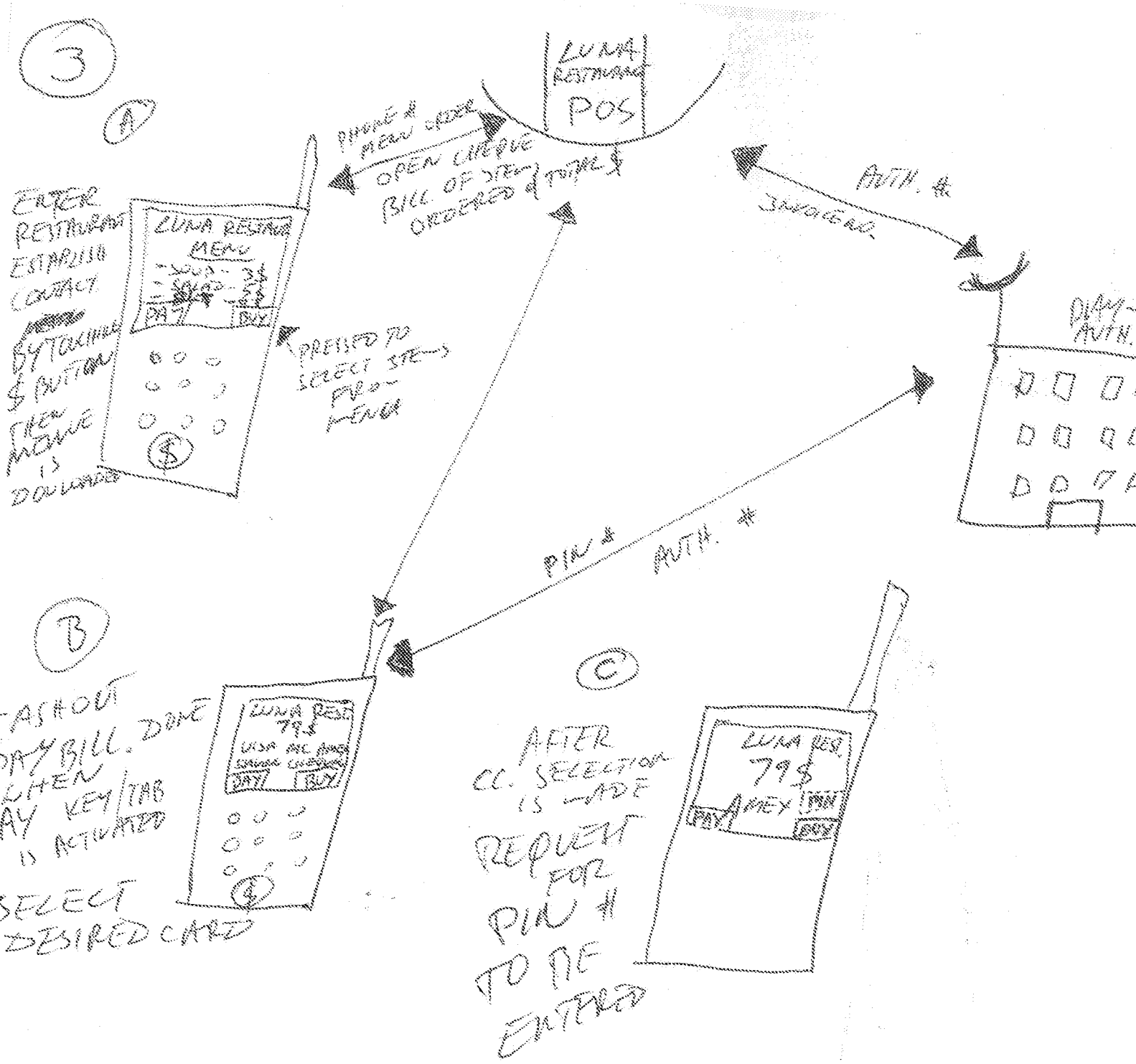




- ONCE CASH OUT IS SELECTED THE SCREEN GOES TO FIG. 1.A.
- CHEQUING SELECTED
- BILL: STORE; 3.50 $; SAVINGS, INVOICE # IS SHOWN.
- REQUEST FOR PIN TO COMPLETE TRANSACTION



FINAL TRANSACTION


3
A
ENTER RESTAURANT ESTABLISH CONTACT
BY TOUCHING $ BUTTON
MENU IS DOWNLOADED
LUNA RESTAURANT MENU
PRESSED TO SELECT ITEMS FROM MENU
PHONE & MENU CODE
OPEN CHECK
BILL OF ITEMS ORDERED & TOTAL $
LUNA RESTAURANT POS
AUTH. #
IMAGE
PIN #
AUTH. #
B
CASH OUT
PAY BILL. DONE
OTHER PAY KEY/TAB IS ACTIVATED
SELECT DESIRED CARD
C
AFTER CC. SELECTION IS MADE
REQUEST FOR PIN # TO BE ENTERED

Establishes the WI-fi connection . The restaurant menu appears on the phone screen as well pay / buy option boxes . The person make selection of dishes , drinks ect. and enters the table number on the menu. Options for - extras - modify - waiter call are available on the menu all time.
Upon completion of the meal, the person click/select pay on the screen , that takes him/her to payment selection screen ; selects AMEX ; TOTAL 79$ tip10$ OK? YES enters PIN to finalize.

As a final act of this transaction You may rec. a 10% OFF -an electronic coupon discount for your next visit to Luna.The coupon 'll automatically pop-up on your screen next time around when you 'll be ordering/ preparing a payment in the LUNA restaurant.
Alternatively you could sign up for sales alerts at SEARS , Rite Aid or other fave. store.
In case of lack of wireless POS (small shops) you could enter manually the merchant number in to your phone to make the transaction.

CLAIMS
I claim :

1. A systems and method used by the general public to make quick purchases of items/products/services in general businesses/stores, supermarkets , gas stations, restaurants ,shopping malls - by entering/scanning/photographing/copying a barcode/special code of the said goods in to their mobile phone equipped with a scanner/reader/photocamera and certain software for calculation/processing/communicating entered data , and said mobile phone equipped with a special "PAY" button is linked/registered with a credit cards and/or a bank accounts of an individual that has certain PIN number assigned to said mobile phone and said financial institutions to complete purchasing of said goods , the system comprising :

a network hub for sending and receiving said information from a participating parties (enduser phone company , financial institution, retail/business establishment.)

a telephone end user and a handset equipped with a special button/key or a special icon on a smart phones , marked as PAY/BUY or a symbol of currency of a given country. Eg. USA -$

a telephone handset equipped with photo camera or a scanner and downloadable software that'll allow process/calculate barcodes and prices of the inputed products on said network.

a certain establishment POS(point of sale) with "bubble" like wireless environment area for sending/reciving information from a phone and financial institution.

a certain financial/authorization institution running/operating the software and issuing a PIN number operating only on said system.

2.A system according to claim 1, gets activated when the button/key/icon marked as PAY/BUY/$ is pressed down/touched

3.A system according to claim 1, establishes "welcome connection message" between the ends user mobile phone and the POS of the retail establishment , selection for payment (PAY,$), or shopping (BUY/shopping cart symbol) are displayed on the phone screen .

4.A system according to claim 1, receives Pay command from end user to POS. The end user shopping bill/charge is verified (by disclosing 4 last digits of his/her tel. number) and downloaded on to the phone.

Payment options are shown on handset screen together with the amount to be paid to establishment.

5. A system according to claim 1 , requests the certain PIN number to complete the transaction and to

sends authorization from its financial institution to POS of establishment and the end users mobile phone.

6. A system according to claim 1, receives BUY command from end user to POS and activate scanning mode the mobile phone.The system uses build-in phone camera or scanner to scan the bar codes of products, by pressing navigational BUY keys to create the bill/invoice .And PAY key to cash out.

7.Asystem according to claim 1 ,after receiving cash-out command payment options 'll be displayed on handset screen together with the amount to be paid to establishment.

8. A system according to claim 1 , requests the certain PIN number to complete the transaction and to sends authorization from its financial institution to POS of establishment and the end users mobile phone.

9.A system according to claim 1 , downloads and displays a restaurant menu on the end users mobile phone screen selections from the restaurant menu are made by pressing BUY key when the item is highlighted or tapping smart screen .

10. A system according to claim 1 , in order to make the bill, PAY key/icon is pressed/tapped to show total with the payment option on the screen. Payment selection is made.

11. A system according to claim 1 requests the certain PIN number to complete the transaction and to sends authorization from its financial institution to POS of establishment and the end users mobile phone.

12 A system according to claim 1 is able to receive and dispense electronic discount coupons for use in the establishments/stores for goods and services.

Abstract:

Systems and methods used by the general public to make quick purchases of items/products/services in general businesses/stores, supermarkets , gas stations, restaurants ,shopping malls - by entering/scanning/photographing/copying a barcode/special code of the said goods in to their mobile phone equipped with a scanner/reader/photocamera and certain software for calculation/processing/communicating entered data , and said mobile phone equipped with a special "PAY" button is linked/registered with a credit cards and/or a bank accounts of an individual that has certain PIN number assigned to said mobile phone and said financial institutions to complete purchasing of said goods .

Field of invention:

This invention relates to obtaining commercial/domestic goods and services and the payment dispensed by a mobile phone for said goods.

Background of invention :

This invention is aimed for saving people time and increase business volume in the stores in general.

Recent study indicates that people tend to forget the wallet or does not wish to carry a bag when living home or a car.
Lost or stolen credit cards are reported sometimes 2-3 or more days after the fact.
You use your bank card maybe 1-2 times a day ...your CC maybe 2-3 a week.
Its a different story with a mobile phone - it's used 10-20-30 times a day.
It's indispensable communicational device.

Time is money. For a busy person is a such a waist of time , when he /she has to wait in line in a supermarket after finishing a days work to pick -up 2-3 items for dinner , when there is couple people ahead of them with full shopping cars.

X-mass or weekend shopping is no longer a nightmare .You can shop and save lots of time by not waiting in cash lineups .

Poor customer service in the restaurant is annoying .
Solution?you can place the whole food order at any time from your phone .

Electronic Acknowledgement Receipt

EFS ID:	6755774
Application Number:	12596531
International Application Number:	
Confirmation Number:	2588
Title of Invention:	Mobile Payment System (MPS)
First Named Inventor/Applicant Name:	Paul Poniatowski
Correspondence Address:	Paul Poniatowski - 12-11Keniga ul. - Warsaw - 02-495 PL - -
Filer:	Paul Poniatowski
Filer Authorized By:	
Attorney Docket Number:	
Receipt Date:	06-JAN-2010
Filing Date:	
Time Stamp:	03:27:04
Application Type:	U.S. National Stage under 35 USC 371

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Preliminary Amendment	Ame.pdf	132651 c2912646f06759db8fcf74e656175ca032963ca3	no	1
Warnings:					
Information:					
		Total Files Size (in bytes):	132651		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

Honorable Commissioner for Patents
P. O. Box 1450
Alexandria, Virginia 22313–1450

PRELIMINARY AMENDMENTS

Sir,
This application, no. 12/596,531 is a continuation in part under 35 USC 120 of US application 10/407,222, issuing on 10/20/09
as US Patent 7606215 .

Thank you,
Paul Poniatowski

PATENT APPLICATION FEE DETERMINATION RECORD

Effective December 8, 2004

Application or Docket Number: 4596531

CLAIMS AS FILED - PART I

SMALL ENTITY TYPE ☐ OR OTHER THAN SMALL ENTITY

	(Column 1)	(Column 2)	SMALL ENTITY RATE	SMALL ENTITY FEE		OTHER THAN SMALL ENTITY RATE	OTHER THAN SMALL ENTITY FEE
U.S. NATIONAL STAGE FEES							
BASIC FEE			BASIC FEE		OR	BASIC FEE	330
EXAMINATION FEE			EXAM. FEE			EXAM. FEE	130
SEARCH FEE			SEARCH FEE			SEARCH FEE	220
FEE FOR EXTRA SPEC. PGS	minus 100 =	/ 50 =	X $ 125 =			X $ 250 =	
TOTAL CHARGEABLE CLAIMS	42 minus 20 =	*	X $ 25 =		OR	X $ 50 =	
INDEPENDENT CLAIMS	1 minus 3 =	*	X $ 100 =		OR	X $ 200 =	
MULTIPLE DEPENDENT CLAIM PRESENT		☐	+ $ 180 =		OR	+ $ 360 =	180
* If the difference in column 1 is less than zero, enter "0" in column 2			TOTAL		OR	TOTAL	

CLAIMS AS AMENDED - PART II

SMALL ENTITY OR OTHER THAN SMALL ENTITY

		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	SMALL ENTITY RATE	SMALL ENTITY ADDITIONAL FEE		OTHER THAN SMALL ENTITY RATE	OTHER THAN SMALL ENTITY ADDITIONAL FEE
AMENDMENT A	Total	*	Minus	**	=	X $ 25 =		OR	X $ 50 =	
	Independent	*	Minus	***	=	X $ 100 =		OR	X $ 200 =	
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM ☐					+ $ 180 =		OR	+ $ 360 =	
						TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE	

		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE	ADDITIONAL FEE		RATE	ADDITIONAL FEE
AMENDMENT B	Total	*	Minus	**	=	X $ 25 =		OR	X $ 50 =	
	Independent	*	Minus	***	=	X $ 100 =		OR	X $ 200 =	
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM ☐					+ $ 180 =		OR	+ $ 360 =	
						TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than "20", enter "20"

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than "3", enter "3"

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1

IPR2024-00731
APPLE EX1002 Page 40

Patricia Booker

MULTIPLE DEPENDENT CLAIM FEE CALCULATION SHEET (FOR USE WITH FORM PTO-875)	SERIAL NO. 12596531	FILING DATE
	APPLICANT(S)	

CLAIMS

	AS FILED		AFTER 1st AMENDMENT		AFTER 2nd AMENDMENT	
	IND.	DEP.	IND.	DEP.	IND.	DEP.
1	1					
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TOTAL IND.	1	⬇		⬇		⬇
TOTAL DEP.	11	⬅		⬅		⬅
TOTAL CLAIMS	12					

	AS FILED		AFTER 1st AMENDMENT		AFTER 2nd AMENDMENT	
	IND.	DEP.	IND.	DEP.	IND.	DEP.
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TOTAL DEP.		⬅		⬅		⬅
TOTAL CLAIMS						

AUDIO/VISUAL INFORMATION DISSEMINATION SYSTEM

Field of the Invention

The present invention relates to information dissemination systems and is particularly applicable but is not limited to systems and methods for distributing information to the general public at publicly accessible locations.

Background to the Invention

The reason communications revolution has increased the amount of data available to the public. The public's hunger for more and more information has been whetted by this excess of information.

Current systems for information dissemination, especially for disseminating to the members of the public who take public means of transportation, are currently inadequate. These systems are solely visual and static. Sandwich boards, billboards, and other very old static forms of advertising are used for such ends. However, as noted above, these systems are inadequate. Such static forms are purely visual and cannot be readily changed in response to changed conditions. Unfortunately, the ubiquity of televisions and computers have had a deleterious effect on the attention span of the average person. As such, current static systems are unable to keep people's attention.

Another major drawback of current systems is the lack of an audio component. Again, the proliferation of multi-media devices and the ubiquity of multi-media in today's society has the public clamouring for the same presentation type in almost all of their information input. While there are some information dissemination systems that integrate an audio portion (such as publicly accessible television sets), these can be intrusive and annoying to those who do not wish to take advantage of the system.

There is therefore a need for an information dissemination system that integrates both video and audio components while simultaneously avoiding becoming an annoyance to those not wishing to access the information being

IPR2024-00731
APPLE EX1002 Page 42

disseminated. Such an information dissemination system should also be dynamic in that modifying the information content should be relatively simple. Furthermore, the system should be able to keep end users (i.e. the public, especially those who are travelling in public transportation vehicles) occupied and should be able to hold their attention. Finally, it is also very desirable if such a system would be cost effective and financially self sustaining. It is therefore an object of the present invention to mitigate if not overcome the deficiencies of the prior art.

Summary of the Invention

The present invention relates to systems and methods for providing information to the public by way of publicly accessible devices. A network of video displays are deployed at publicly accessible locations such as inside public transportation vehicles or at public transportation stations. The video feed to these video displays are provided by a video distribution hub which receives the video feed from a network hub. Different audio feeds are accessible to end users or by telephone. End users can call a telephone interface which receives and routes audio feeds from an audio distribution hub. End users can access audio feeds which may be synchronized with a video feed to provide a complete audio visual experience to the end user. For more useful content, the video displayed at any location may be adjusted to be relevant to the area where the video display is deployed. Audio content synchronized to one of these disparate video feeds can be accessed by the end user by dialing different options through the telephone interface. Audio feeds not tied to a specific video feed, such as radio stations or themed audio feeds, may also be accessed by the end user through the telephone interface.

In a first aspect, the present invention provides a system for distributing information to the public, said information comprising at least one video feed and a plurality of audio feeds, the system comprising:

- a network hub for receiving said information from a source;
- a plurality of publicly viewable video display screens;
- at least one video distribution hub, the or each video distribution hub

IPR2024-00731
APPLE EX1002 Page 43

receiving one video feed from said network hub and transmitting said one video feed to at least one of said display screens;

- at least one audio distribution hub, the or each audio distribution hub receiving said plurality of audio feeds from said network hub, each of said audio feeds being accessible by end users;

- a telephone interface for receiving end user telephone call for accessing said plurality of audio feeds said telephone interface communicating with said at least one audio distribution hub, said telephone interface automatically routing audio feeds from said at least one audio distribution hub to said end user telephone calls based on end user input,

wherein at least one audio feed is synchronized with one of the at least one video feed.

In a second aspect, the present invention provides a system for providing at least one audio feed to end users, the system comprising:

- a network hub for receiving at least one audio feed;

- at least one audio distribution hub receiving said at least one audio feed from said network hub:

- a telephone interface for receiving telephone calls from said end users, said interface communicating with said at least one audio distribution hub and said telephone interface automatically routing said at least one audio feed to said telephone calls based on input from said end users.

Brief Description of the Drawings

A better understanding of the invention will be obtained by considering the detailed description below, with reference to the following drawings in which:

Figure 1 is a block diagram of a system for distributing information according to one aspect of the invention;

Figure 2 is a block diagram of an example setup for a video display screen for use with the system of Figure 1; and

Figure 3 is a block diagram of another example set up for a video display screen for use with the system of Figure 1.

IPR2024-00731
APPLE EX1002 Page 44

Detailed Description

Referring to Figure 1, a block diagram of a system for distributing information is illustrated. The system has 10 has a network hub 20, multiple video distribution hubs 30A-30E, audio distribution hubs 40A, 40B, and at least one telephone interface 50. The network hub receives multiple audio feeds 60, video feeds 70, and hub end combined audio/video feeds 80 from a variety of sources. These feeds are then separated into dedicated audio only and video-only feeds. The dedicated audio- only feeds are sent to the audio distribution hubs 40A, 40B while the dedicated video- only feeds are sent to the video distribution hubs 30A-30E. At the video distribution hubs, the relevant video only feeds are transmitted to multiple video display screens 90A-90K by transmitters 100A-100E. On the audio side, the telephone interface 50 receives the dedicated audio only feed and routes this to the telephone interface 50. The telephone interface 50 receives telephone calls from end users who wish to access one of the audio feeds. The end users, who could be calling and using their mobile or cellular telephones, can select one of the available audio feeds. Based on the end user input, the interface 50 selects the relevant audio feed and routes this feed to the relevant end user.

The network hub 20 can be seen as an audio/video feed aggregator - it receives feeds from a variety of sources and collects and combines these feeds into two signals, a dedicated audio feed and a dedicated video feed. The sources from which the feeds originate may be legion - the feeds could come from the Internet, a cable TV provider, broadcast TV, broadcast radio, a dedicated video or audio signal specifically created for the system, or any other source. The network hub 20 separates the feeds depending on the content - video feeds are separated and routed differently from audio feeds using well-known methods and techniques. Video feeds are aggregated into a first single signal with different video feeds occupying different parts or frequencies of that first single signal. Audio feeds are aggregated into a second single signal with different audio feeds occupying different parts or frequencies of that second single signal. The video feed signal (the first single signal) is then transmitted to the video distribution hubs 30A-30E. The audio feed signal (the second single

IPR2024-00731
APPLE EX1002 Page 45

signal) is transmitted to the audio distribution hubs 40A, 40B.

Regarding the video distribution hubs 30A - 30E, each one can "tune" into or isolate one of the video fees aggregated into the video feed signal from the network hub 20. The video feed that a distribution hub tunes into is then passed to a corresponding transmitter. A transmitter then transmits the video feed to multiple video display screens. Each video distribution hub 30A-30E can be a video tuner which tunes to a specific video feed in the video feed signal. Such tuners are well-known in the art.

The transmitters 100A-100E may be, depending on the implementation, wireless, wired, or optical transmitters. The transmitters 100A-100E transmit the isolated or tuned into video feed to the different video display screens. Each video transmission hub and transmitter combination services video display screens located at a specific geographic area. Thus, one geographic area may have display screens 90A, 90B, 90C, showing video feed A as tuned to by video transmission hub 30A while another geographic area may have display screens 90G, 90H showing video feed B as tuned to by video transmission hub 30D. Such an arrangement allows area - or region - centric video feeds to be distributed to the proper areas. Such an arrangement also allows the system to quickly change what is being shown in the video display screen in a specific area. As an example, if an important bulletin alert occurs and is in a video Q, all of the video distribution hubs 30A-30E could automatically switch to video feed Q, ensuring quick dissemination of the bulletin alert to the video display screens serviced by video transmission hubs 30A-30E. Similarly, if the video feed to be sent to a specific geographic area is to be changed, then only the transmission hub which services that specific geographic area needs to have any changes made. That transmission hub may merely need to tune into a different video feed.

It should be noted that, to assist the viewing public in determining the content of the video feed being shown on the display screens, each video feed can be provided with closed captioning. This way, viewers can read the text of the audio for the video feed. It should further be noted that advertising and other relevant data may be inserted into each of the video feeds. This may be done by

IPR2024-00731
APPLE EX1002 Page 46

dividing the visual representation of the video feed into separate areas, with each area being provided with different data. As an example, Figure 2 illustrates one possible configuration of the visual representation. Area 200 may have the actual moving video being presented (such as a newscast, a situation comedy, or a soap opera program). Area 210 may present the weather forecast for the city, area 220 may present a stock market report and area 230 may present sports scores. Area 240 may be reserved for the closed captioning for the video in area 200 and area 250 may be provided for advertisements that are targeted to the end users. As noted above, the video portions of the presentation (presented in area 200) may be different for different areas. Similarly, different advertisements may be presented for different geographic areas. Ideally, up to ¾ of the display screen may be devoted to advertising space. Devoting such a high proportion of the screen to revenue generating advertising should produce enough revenue for the operation of the system.

Referring to Figure 3, an alternative arrangement fro the visual representational is illustrated. As can be seen, the main area of the screen is divided into multiple areas 200A, 200B, 200C, 200D. Each area may be dedicated to a different network video feed so that end users may have their choice of which program to view. Each video feed has its own audio feed which may be accessed by an end user as will be explained below.

Regarding the video display screens 90A-90K, these display screens are ideally deployed at publicly viewable areas. These may be deployed inside public transportation vehicles such as subway cars and buses and they may be deployed as static installations in subway/bus stations, busy street corners, and other areas of populace concentration. Plasma display screens may be used as the display screens and, in one embodiment, such screens may be hardened and configured to withstand the elements for an outside deployment. Such a deployment may be placed outside moving vehicles such as buses, thereby providing information dissemination to not only commuters inside the vehicle but commuters outside the vehicle as well. For such mobile deployments, wireless technology may be used to transmit the video feed to the video display screens. For static deployments, wired technology such as cable, optical, and other well-

IPR2024-00731
APPLE EX1002 Page 47

known technologies, may be used for the transmission of the video feed to the video display screens. Other static deployments such as inside public transportation vehicles may use flat computer monitors to minimize deployment costs.

To avoid end user confusion due to the multiplicity of programs on a single screen as shown in Figure 3 static deployments inside transportation stations (e.g. train stations, bus stations, subway stations) and inside transportation vehicles may use multiple display screens with specific screens being dedicated to specific network video feeds. As an example, a single subway car may have 10 screens with 3 screens being assigned to show a specific news channel video feed, (e.g. CNN), 4 screens being assigned to show a specific other broadcast network (e.g. NBC), and the rest being dedicated to show a youth oriented channel (e.g. MTV). The division of the number of screens dedicated to specific types of programming can be determined by the system operator with a view towards the possible viewers given the time of day. As an example, when students are likely to be the viewers, more screens would be dedicated to youth oriented programming.

To further lower deployment costs, manufacturers of the display screens could offer preferential pricing for their screens to those deploying and operating the system. Such a measure would provide the manufacturers free advertising as the public would be exposed to their product for free.

The audio portion of the system 10 operates in a similar manner with one important difference - end users can select which audio feed to access. As noted above, the audio feed signal is received by the audio transmission hubs 40A, 40B. The different audio feeds can be accessed by tuning into or isolating the relevant audio feed from the rest of the audio feed signal. This is what the telephone interface 50 does, along with automatically receiving end user telephone calls and automatically routing the relevant audio feed to the relevant end user telephone call. The telephone interface 50 has multiple tuners with each tuner isolating or tuning into one of the audio feeds in the audio feed signal. Upon a request by an end user who is calling in, the relevant audio feed is diverted or routed to this end user.

IPR2024-00731
APPLE EX1002 Page 48

The telephone interface 50 acts as an access point for end users. End users can call into the telephone interface (with the relevant telephone number perhaps flashed on the video display screens) and access a specific audio feed. To present a complete audio visual experience in conjunction with that with what is being presented on the video display screens, at least one of the audio feeds could be synchronized with the presentation on the video display screens. As an example, if geographic area A is showing video show A1 on screens 90A-90C and geographic area B is showing video show A2 on screens 90I-90K, end users in area A would need to access the audio feed synchronized the video show A1 while end users in the area B would need to access the audio feed synchronized to the video show A2. This may be done by an end user calling the telephone interface 50 and, after navigating an automated answering and menu system, accessing the relevant audio feed. This answering and menu system is well-known technology and is readily available. Thus, an end user in area A would, to get the proper audio visual experience, access a different audio feed from that accessed by an end user in area B. As yet another variant, the audio feed synchronized to a specific video show could be presented in different languages as separate audio feeds. As an example, video show A1 showing on screens 90A-90C could be synchronized to three different audio feeds - one audio feed being in English, another audio feed being in French, and a third audio feed being in Chinese. As such, an end user could access any one of the video feeds synchronized to that specific video show in the language of preference for the end user. Thus, a single video feed being presented in a specific geographic area could be accessible to people who do not necessarily speak the exact same language. Similarly, the closed captioning presented on the video display screens could be presented in multiple languages or, if one language is predominant in a specific area, the closed captioning could be presented in that single language. The technology for routing audio feeds synchronized to a video feed is currently available and used in passenger aircraft that provides in-flight entertainment. Adapting such technology with appropriate telephone menu technology will produce the requisite telephone interface described above.

It should be noted that the audio feeds available need not all be

IPR2024-00731
APPLE EX1002 Page 49

synchronized to the video feeds. Other audio feeds, such as audio feeds that provide music, commentary, radio station feeds, and others, may be available, depending on the implementation. This system is ideally suited to be accessed by commuters with cellular or mobile phones 260. Commuters, while on their morning or afternoon commute may view the video display screens inside the public transportation vehicle or in the stations while waiting for the vehicles. In concert with this, the commuters can use their mobile telephones to call the telephone interface and listen in on the audio portion of the program being presented in area 200 of the video display screen. Alternatively, the commuter may decide not to view the video program on the video display screen but merely listen to some other audio program being presented as a separate audio feed through his or her mobile telephone. However, the system need not be limited to mobile telephones. End users who have, ideally, a landline speaker phone may also access the telephone interface to listen to the different available audio feeds at work or at home. To address the different tastes of different types of people, themed audio feeds, such as all-sports, all-classical music, all-news or all-music (with different audio feeds for different types of music) may also be available. As an alternative, end users equipped with mobile telephones may receive the different audio feeds using Bluetooth or Wi-Fi (IEEE 802.11) technology.

To accommodate the different regions in a large geographic area, multiple telephone interface/audio transmission hubs may be implemented, with different telephone interfaces serving different areas.

To allow for a financially self-sustaining system, advertising space may be sold on either the video feeds (as explained above) or in the audio feeds. Advertisements may be sold on a per display screen basis, a regional coverage basis, or on a visibility (time visible on screen) basis. Similarly, subscription fees may be collected from end users who wish to access the audio feed. Alternatively, the system could be free to mobile telephone users with the operational and deployment costs being borne by advertisers and/or public transportation bodies.

The system described above is flexible enough for many different types of advertising and promotions. As an example, advertisers could include in their

IPR2024-00731
APPLE EX1002 Page 50

advertising a specific telephone code which users may enter while listening to an audio feed. Entering the code would then automatically connect the end user to the advertiser's telephone call-in center so the end user can then take advantage of the offer (e.g. a vacation trip for a low promotional price). Alternatively, end users may establish an account, with their credit cards on file, with the operators of the system. These end users may then do their shopping over the telephone based on what is being advertised on the display screens. End user choices, such as the colour, size, or type of merchandise, could be entered by the end user via the telephone keypad using specific telephone codes shown in the video feeds. To verify an end user's identity, PIN (personal identification numbers) could be associated with each end user account. Such PIN numbers would be required to validate/finalize the transaction before the end user's credit card is charged and before the item is shipped to the end user's on-file address or before the end user can pick up the item. As an alternative, an end user's bank account can be tied in with the end user's system account and the purchase price of the end-user's purchase can be automatically debited to from his/her bank account. The use of PIN numbers or some similar scheme for validation for this configuration would, of course, be required for security. End users can also be provided, by of way of their mobile telephone's screen, with different payment options. A dedicated PAY button on the mobile handset can be provided so that activation of this button brings up the end user's payment option.

The system also offers a myriad of advantages to society and the public in general. It may be used as part of a public broadcasting system to inform the populace of alerts or emergencies. It can also increase literacy as those without mobile phones will need to read the closed captioning and/or the text on-screen to determine what is being presented. It will also produce greater usage of public transportation vehicles as passengers are not only transported from one place to another but are also entertained. Such an increase in ridership may also augur an decrease in the number of vehicles on the road, thereby leading to a more environment-friendly society. The increased advertising may also lead to greater consumer spending, thereby fueling economic growth for the areas where the

IPR2024-00731
APPLE EX1002 Page 51

system is deployed.

Although various exemplary embodiments of the invention have been disclosed, it should be apparent to those skilled in the art that various changes and modifications can be made which will achieve some of the advantages of the invention without departing from the true scope of the invention.

A person understanding this invention may now conceive of alternative structures and embodiments or variations of the above all of which are intended to fall within the scope of the invention as defined in the claims that follow.

IPR2024-00731
APPLE EX1002 Page 52

INTERNATIONAL SEARCH REPORT

International Application No
PCT/CA2004/000513

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04N7/18

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04N B64D H04H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 98/11686 A (EVENSEN KAREN ; TROXEL ROBERT (US); WAKAI BRUCE M (US); BOOTH MARC (US) 19 March 1998 (1998-03-19)	1-3,5,8, 10-17
Y	abstract page 1, line 11 - page 2, line 9 page 3, line 20 - page 3, line 31 page 17, line 5 - page 17, line 23	4,6,7,9
X	US 5 412 708 A (KATZ RONALD A) 2 May 1995 (1995-05-02)	11
A	abstract column 1, line 44 - column 3, line 48	1-10, 12-17

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[X] Further documents are listed in the continuation of box C.

[X] Patent family members are listed in annex.

° Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
16 July 2004	26/07/2004

Name and mailing address of the ISA	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Schoeyer, M

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Form PCT/ISA/210 (second sheet) (January 2004)

IPR2024-00731
APPLE EX1002 Page 53

INTERNATIONAL SEARCH REPORT

International Application No
PCT/CA2004/000513

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 01/33859 A (GLASER DONALD A) 10 May 2001 (2001-05-10)	4,6,7,9
A	abstract page 3, line 8 - page 3, line 27	1-3,5,8, 10-17
Y	US 5 896 129 A (MURPHY JOHN F ET AL) 20 April 1999 (1999-04-20) abstract	9

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Form PCT/ISA/210 (continuation of second sheet) (January 2004)

IPR2024-00731
APPLE EX1002 Page 54

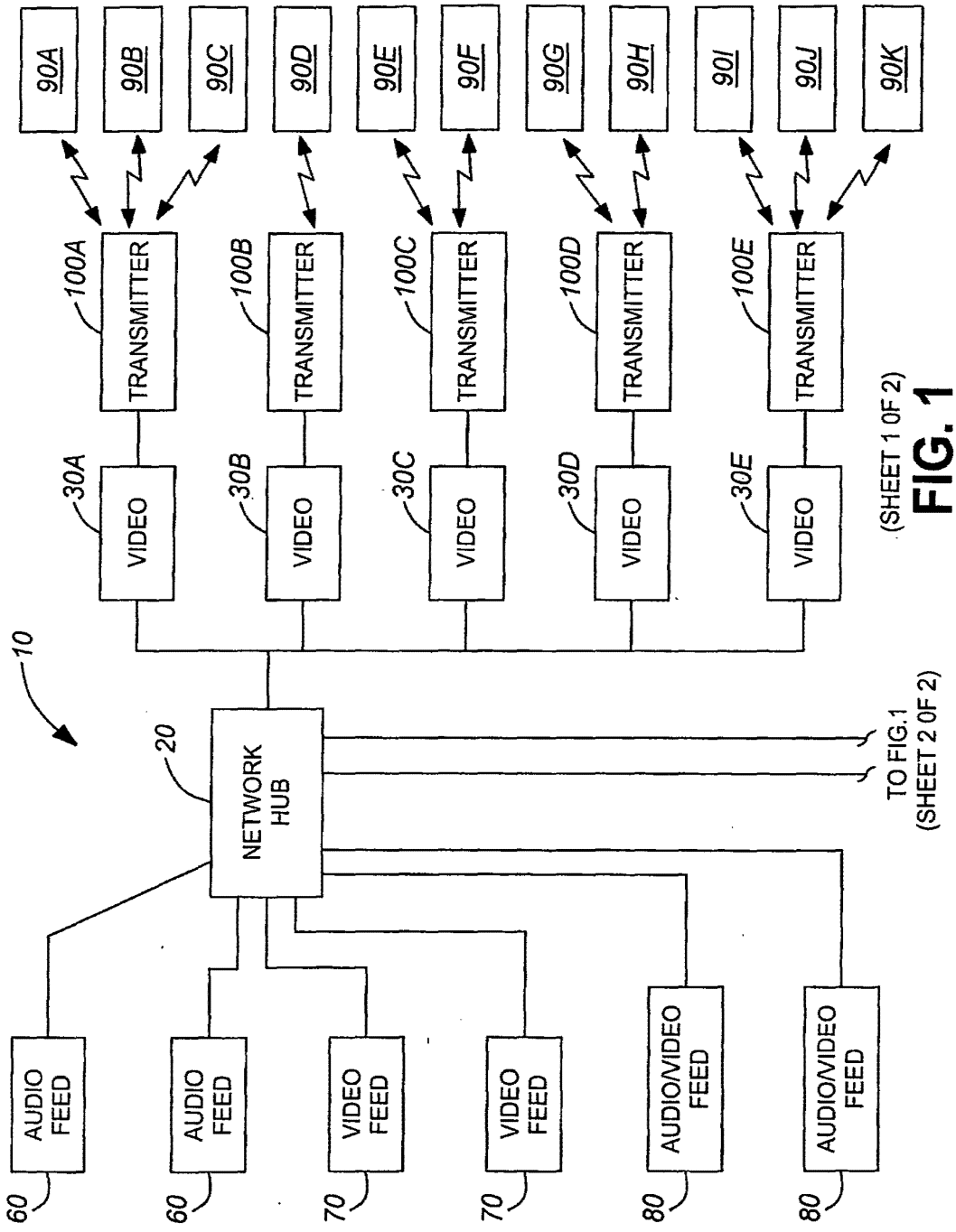
INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/CA2004/000513

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
WO 9811686	A	19-03-1998	AU	4256697 A	02-04-1998
			WO	9811686 A2	19-03-1998
US 5412708	A	02-05-1995	CA	2157895 A1	15-09-1994
			CA	2460488 A1	15-09-1994
			DE	1126715 T1	07-02-2002
			DE	69429083 D1	20-12-2001
			DE	69429083 T2	29-08-2002
			EP	1126715 A2	22-08-2001
			EP	0688489 A1	27-12-1995
			JP	8510873 T	12-11-1996
			JP	2001339704 A	07-12-2001
			WO	9421084 A1	15-09-1994
			US	5495284 A	27-02-1996
			US	6323894 B1	27-11-2001
			US	2003156185 A1	21-08-2003
			US	2001031044 A1	18-10-2001
			US	2003040981 A1	27-02-2003
			US	2003185356 A1	02-10-2003
			US	2002101504 A1	01-08-2002
			US	2004076275 A1	22-04-2004
			US	2004111752 A1	10-06-2004
			US	2004109058 A1	10-06-2004
			US	2004109547 A1	10-06-2004
WO 0133859	A	10-05-2001	AU	2918601 A	14-05-2001
			WO	0133859 A1	10-05-2001
US 5896129	A	20-04-1999	NONE		

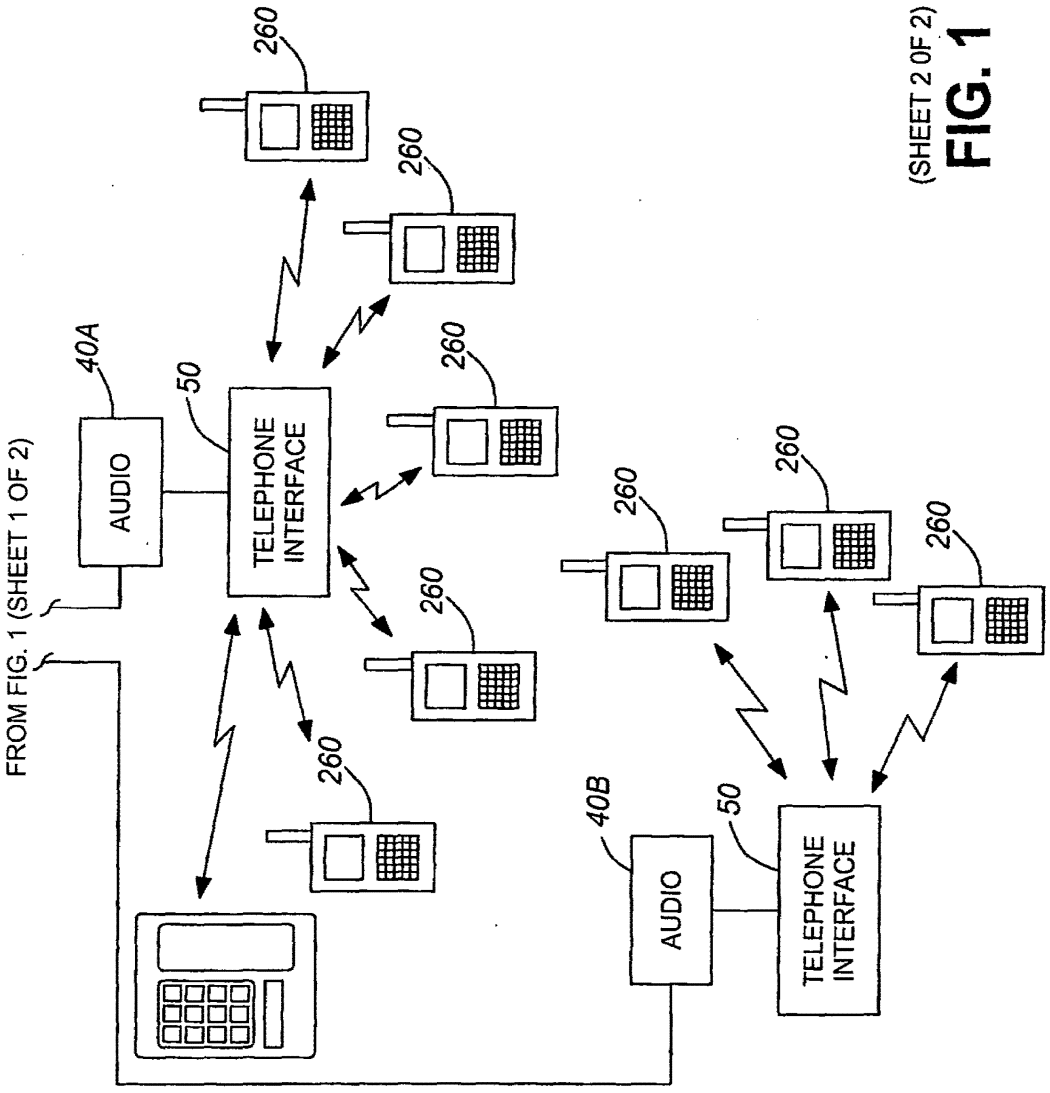
IPR2024-00731
APPLE EX1002 Page 55



(SHEET 1 0F 2)

FIG. 1

IPR2024-00731
APPLE EX1002 Page 56



(SHEET 2 OF 2)

FIG. 1

IPR2024-00731
APPLE EX1002 Page 57

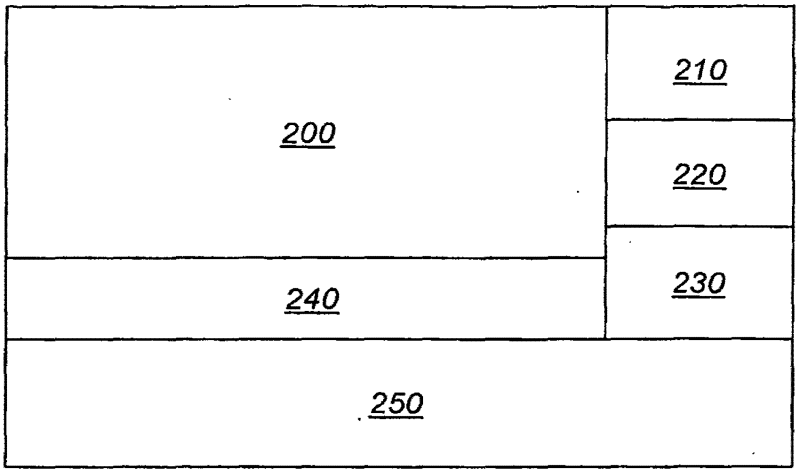


FIG. 2

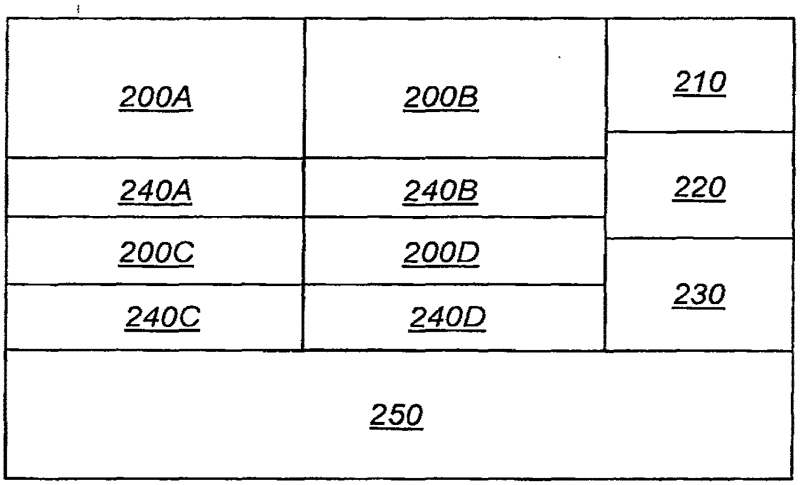


FIG. 3

IPR2024-00731
APPLE EX1002 Page 58

We claim:

1. A system for distributing information to the public, said information comprising at least one video feed and a plurality of audio feeds, the system comprising:

- a network hub for receiving said information from a source;
- a plurality of publicly viewable video display screens;
- at least one video distribution hub, the or each video distribution hub receiving one video feed from said network hub and transmitting said one video feed to at least one of said display screens;
- at least one audio distribution hub, the or each audio distribution hub receiving said plurality of audio feeds from said network hub, each of said audio feeds being accessible by end users;
- a telephone interface for receiving end user telephone calls for accessing said plurality of audio feeds said telephone interface communicating with said at least one audio distribution hub, said telephone interface automatically routing audio feeds from said at least one audio distribution hub to said end user telephone calls based on end user input,

wherein at least one audio feed is synchronized with one of the at least one video feed.

2. A system according to claim 1 wherein said network hub receives said information as separate video and audio feeds.

3. A system according to claim 1 wherein at least one audio feed received by said network hub is a themed audio feed.

4. A system according to claim 1 wherein at least one of said plurality of publicly viewable video display screens receives a video feed from said video distribution hub by wireless means.

5. A system according to claim 1 wherein at least one of said plurality of publicly

IPR2024-00731
APPLE EX1002 Page 59

viewable video display screens receives a video feed from said video distribution hub through a closed circuit network.

6. A system according to claim 4 wherein said at least one of said plurality of publicly viewable video display screens is deployed outside a vehicle.

7. A system according to claim 4 wherein said at least one of said plurality of publicly viewable video display screens is deployed inside a vehicle.

8. A system according to claim 1 wherein said network hub receives multiple video feeds, each of said multiple video fees being transmitted to said video display screens located in different geographic regions.

9. A system according to claim 1 wherein said at least one video feed is provided with closed captioning.

10. A system according to claim 1 wherein said at least one video feed is provided with advertisements.

11. A system for providing at least one audio feed to end users, the system comprising:

- a network hub for receiving at least one audio feed;
- at least one audio distribution hub receiving said at least one audio feed from said network hub:
- a telephone interface for receiving telephone calls from said end users, said interface communicating with said at least one audio distribution hub and said telephone interface automatically routing said at least one audio feed to said telephone calls based on input from said end users.

12. A system according to claim 11 wherein a plurality of audio feeds are received by said network hub and at least one of said plurality of audio feeds is synchronized with a video feed.

IPR2024-00731
APPLE EX1002 Page 60

13. A system according to claim 12 wherein said video feed is publicly viewable.

14. A system according to claim 12 wherein said telephone interface receives end user input relating to goods or services offered for sale to said end users through said video feed.

15. A system according to claim 1 wherein said telephone interface receives end user input relating to goods or services offered for sale to end users through said at least one video feed.

16. A system according to claim 14 wherein said end user input comprises specific codes shown on said video feed for ordering said goods or services.

17. A system according to claim 15 wherein said end user input comprises specific codes shown on said video feed for ordering said goods or services.

IPR2024-00731
APPLE EX1002 Page 61

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

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21 October 2004 (21.10.2004)

PCT

(10) International Publication Number
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PCT/CA2004/000513

(22) International Filing Date: 7 April 2004 (07.04.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
10/407,222 7 April 2003 (07.04.2003) US

(71) Applicant and
(72) Inventor: PONIATOWSKI, Paul [CA/CA]; Suite 3005, 750 Bay Street, Toronto, Ontario M5G 1N6 (CA).

(74) Agent: CASSAN, Lynn, S.; Cassan MacLean, Suite 401, 80 Aberdeen Street, Ottawa, Ontario K1S 5R5 (CA).

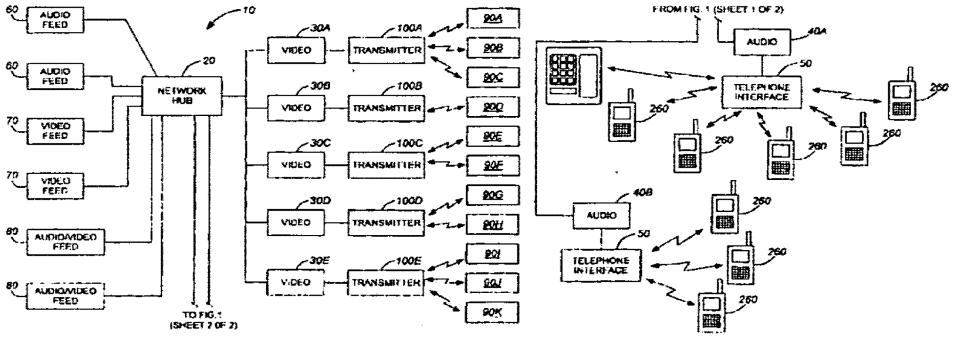
(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States *(unless otherwise indicated, for every kind of regional protection available)*: ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:
— *with international search report*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: AUDIO/VISUAL INFORMATION DISSEMINATION SYSTEM



(57) Abstract: Systems and methods for providing information to the public by way of publicly accessible devices. A network of video displays are deployed at publicly accessible locations such as inside public transportation vehicles or at public transportation stations. The video feed to these video displays are provided by a video distribution hub which receives the video feed from a network hub. Different audio feeds are accessible to end users or by telephone. End users can call a telephone interface which receives and routes audio feeds from an audio distribution hub. End users can access audio feeds which may be synchronized with a video feed to provide a complete audio visual experience to the end user. For more useful content, the video displayed at any location may be adjusted to be relevant to the area where the video display is deployed. Audio content synchronized to one of these disparate video feeds can be accessed by the end user by dialing different options through the telephone interface. Audio feeds not tied to a specific video feed, such as radio stations or themed audio feeds, may also be accessed by the end user through the telephone interface.

WO 2004/091218 A1

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
12/596,531	Paul Poniatowski	

Paul Poniatowski
12-11Keniga ul.
Warsaw, 02-495
POLAND

INTERNATIONAL APPLICATION NO.	
PCT/CA04/00513	
I.A. FILING DATE	PRIORITY DATE
04/07/2004	04/07/2003

CONFIRMATION NO. 2588

371

ABANDONMENT/TERMINATION LETTER

OC000000040953612

Date Mailed: 04/05/2010

NOTIFICATION OF ABANDONMENT

The United States Patent and Trademark Office in its capacity as a Designated / Elected Office (37 CFR 1.495) has made the following determination:

- Applicant has failed to provide the full U.S. Basic National Fee by 30 months (37 CFR 1.495(b)(2)).

Therefore, the above identified application failed to meet the requirements of 35 U.S.C. 371 and 37 CFR 1.495,and is ABANDONED AS TO THE UNITED STATES OF AMERICA.

PATRICIA A BOOKER

Telephone: (703) 756-1409

FORM PCT/DO/EO/909 (371 Abandonment Notice)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	: Paul Poniatowski	Art Unit	: Not yet assigned
Serial No.	: 12/596,531	Examiner	: Not yet assigned
Filed	: October 19, 2009	Conf. No.	: 2588
Title	: Mobile Payment System		

MAIL STOP PETITION
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

PETITION TO WITHDRAW HOLDING OF ABANDONMENT (37 CFR 1.181)

Applicant petitions for withdrawal of the notice of abandonment mailed on April 5, 2010. This petition is filed within two months of that date and is therefore timely.

Applicant submits that the notice of abandonment was a result of the Office's having regarded the application as a national stage application under 35 USC 371, when in fact it was intended to be a continuation in part application under 35 USC 120.

A statement of facts as required by Rule 1.181(b) is set forth in the attached declaration.

As indicated in the statement of facts, Applicant's attorney at the time was unable to file a CIP application. Applicant, who happened to be in China at the time, attempted to engage an attorney to file his CIP application. Unable to do so, and with the deadline approaching, Applicant attempted to use EFS to file an application.

The EFS interface unfortunately has no option for CIP or continuation applications. To file these, one chooses the regular utility application option and enters the continuity information either on an ADS or a PTO form. This was not something a pro se applicant operating in a foreign country under stressful circumstances could have been expected to recognize. Since the section 371 option was the only one that seemed related to another application, Applicant chose that one.

Upon returning from China, Applicant diligently followed up with the PTO to inquire about how to pay the fee. The PTO representatives at EBC advised him to wait for a missing parts notice. However, because the 30 month deadline for a section 371 application had already lapsed by the application filing date, the PTO did not issue a notice of missing requirements, but instead proceeded directly to a notice of abandonment.

Applicant submits that the notice of abandonment should not have issued because it was apparent from the filing papers that Applicant intended the application to be filed under 35 USC 120. Accordingly, Applicant requests that the notice of abandonment be withdrawn, and that a notice to file missing parts issue in due course.

No fee is believed to be due with the filing of this petition. However, to the extent fees are due, please charge our deposit account 50-4189 referencing attorney docket 30071-002001.

Respectfully submitted,

Date: May 20, 2010

Faustino A. Lichauco
Reg. No. 41,942

Customer No. 69713
Occhiuti Rohlicek & Tsao LLP
10 Fawcett Street
Cambridge, MA 02138
Telephone: (617) 500-2533
Facsimile: (617) 500-2499

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	: Paul Poniatowski	Art Unit	: Not yet assigned
Serial No.	: 12/596,531	Examiner	: Not yet assigned
Filed	: October 19, 2009		
		Conf. No.	: 2588
Title	: Mobile Payment System		

DECLARATION IN SUPPORT OF RULE 1.181 PETITION

I, Paul Poniatowski, hereby declare that:

1. I am the named inventor on U.S. Patent No. 7,606,215, (hereafter the "'215 patent") which issued on October 20, 2009.

2. On or about October 15, 2009, while I was in China in connection with prosecution of the Chinese application corresponding to the '215 patent, I learned that my US patent attorney would not be able to file the proposed application.

3. On or about October 16, 2009, I asked my Chinese attorney to file the US application on my behalf. The Chinese attorney replied that he could not do so.

4. Beginning on or about October 16, 2009, while I was still in China, I sought to engage a US attorney to file the CIP application.

5. On October 19, 2009, faced with the imminent issue of the '215 patent and still unable to engage a US attorney, I filed the present application, U.S. Appln 12/596,531, using EFS.

6. The present application includes a copy of PCT/CA2004/000513, which includes the content of the '215 patent, and six pages of additional disclosure.

7. While filing the present application on EFS, I was unable to find any option for filing a continuation in part application.

8. In an effort to insure that my application would be regarded as a

CIP application under 35 USC 120, I included with my present application a preliminary amendment stating that my application was intended to be a continuation-in-part application claiming the benefit of the priority date of the '215 patent.

9. On October 27, 2009, I engaged in correspondence with the EBC branch of the PTO to inquire about payment of a filing fee.

10. On October 28, 2009, I received instructions from the EBC to do nothing until receipt of a missing parts notice.

11. On December 10, 2009, upon recognizing that no correspondence had been received, I corresponded with the EBC branch to inquire about a missing parts notice.

12. On December 10, 2009, I engaged in correspondence with the EBC branch of the PTO to inquire about when the filing fee should be paid.

13. On December 11, 2009, I telephoned the number provided by the EBC to inquire about a missing parts notice.

14. The EBC instructed me to await the notice to file missing parts before payment of an issue fee.

15. Between December 30, 2009 and January 4, 2010, I made numerous calls to the PTO to inquire about the missing parts notice.

16. On April 5, 2010, the Office issued a notice of abandonment for failure to pay the filing fee.

17. On May 7, 2010, I telephoned the PTO to inquire about the notice of abandonment.

18. Exhibits A-C are true and accurate copies of my correspondence with all parties named therein.

19. Exhibit D is a true and accurate copy of records of telephone calls made to the PTO.

Applicant : Paul Poniatowski
Serial No. : 12/596,531
3

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true. I further declare that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: 18 May 2010

/Paul Poniatowski/
Paul Poniatowski

Exhibit C, item 1.
Exhibit C, item 3.
Exhibit C, items 4 and 5.
Exhibit C, items 7, 8
Exhibit A, item 3.
Exhibit A, item 5-6.
Exhibit B.
Exhibit D.
Exhibit B, item 6.
Exhibit D.

Exhibit A

Lichauco, Faustino

From: Paul Poniatowski [paulponiatowski@hotmail.com]
Sent: Friday, May 07, 2010 2:44 PM
To: Lichauco, Faustino
Subject: FW: payment question

> Date: Thu, 10 Dec 2009 14:38:18 -0500
> From: ebc@uspto.gov
> Subject: RE: RE: question
> To: paulponiatowski@hotmail.com
>
(6) > In that case contact OIPE for more help on this issue.
> 571 272 4000
>
> Thanks
> [THREAD ID:1-2IRQ0C]
>
>
>
> -----Original Message-----
>
> From: paulponiatowski@hotmail.com
> Sent: 12/10/2009 02:30:39 PM
> To: EBC <EBC@USPTO.GOV>
> Subject: RE: question
>
(5) > hiI've not received ANY mail from your office at all.I'ts almost 2 months now.P.
>
> > Date: Wed, 28 Oct 2009 06:16:13 -0400
> > From: ebc@uspto.gov
> > Subject: RE: RE: question
> > To: paulponiatowski@hotmail.com
> >
(4) > > You'll receive missing part notice letter if you forgot to make a payment when you were filing your application.
> > Once you get the letter than there will be instruction on how and when does the payment has to be paid.
> >
> > Thanks
> > [THREAD ID:1-2IRQ0C]
> >
> >
> >
> > -----Original Message-----
> >
> > From: paulponiatowski@hotmail.com
> > Sent: 10/27/2009 09:43:48 PM
> > To: EBC <EBC@USPTO.GOV>
> > Subject: RE: question
> >

> > hi,within how many days I have to pay the filing fee on the new app?thanks (3)
> >
> > > Date: Wed, 21 Oct 2009 06:49:39 -0400
> > > From: ebc@uspto.gov
> > > Subject: RE: 1 question
> > > To: paulponiatowski@hotmail.com
> > >
(2) > > > If you want to submit additional documents or ammendment to your application online, you have to be a registered e-filer.
> > > To become a registered e-filer please see the link below.
> > > http://www.uspto.gov/patents/process/file/efs/guidance/register.jsp
> > >
> > > Thanks
> > > [THREAD ID:1-2IRQ0C]
> > >
> > >
> > >
> > > -----Original Message-----
> > >
> > > From: paulponiatowski@hotmail.com
> > > Sent: 10/20/2009 09:56:51 PM
> > > To: EBC <EBC@USPTO.GOV>
> > > Subject: 1 question
> > >
(1) > > > Hi ,Can I attach/ file additional document via PAIR to my app ?If not - how do i do it? reg. mail? any special form?Thank youPaul
> > > Your E-mail and More On-the-Go. Get Windows Live Hotmail Free. Sign up now.
> >
> > Windows 7: Simplify your PC. Learn more.
>
> Windows 7: Unclutter your desktop. Learn more.

Hotmail has tools for the New Busy. Search, chat and e-mail from your inbox. Learn more.

Exhibit 8

Lichauco, Faustino

From: Paul Poniatowski [paulponiatowski@hotmail.com]
Sent: Friday, May 07, 2010 2:49 PM
To: Lichauco, Faustino
Subject: FW: Obtaining Digital Certificate /my 2nd inquiry about payment

> Date: Thu, 10 Dec 2009 16:21:28 -0500
> From: ebc@uspto.gov
> Subject: RE: RE: Obtaining Digital Certificate
> To: paulponiatowski@hotmail.com
>
>
> You should've receive a notice to file missing parts and the official filing receipt by now. Please contact the office of data management at 571-272-4000 to check on the status. I would not send the payment until you receive the "Notice to file missing parts" because it will tell you exactly how much you need to pay including the late fee and if anything else is required, it will be on that notice.
>
> Thanks,
>
> Bo
> EBC
>
> [THREAD ID:1-2LCLJN]
>
>
>
> -----Original Message-----
>
> From: paulponiatowski@hotmail.com
> Sent: 12/10/2009 03:42:05 PM
> To: EBC <EBC@USPTO.GOV>
> Subject: RE: Obtaining Digital Certificate
>
> 12/596,531 filed on Oct 19 2009.I filled when i was in China and the internet sucked sooo much there , and I could't use/finalize payment with my CC.If I dont get anything this week I'll send the payment on its own via courier.you are very helpful , thanksPaul
>
> > Date: Thu, 10 Dec 2009 15:28:09 -0500
> > From: ebc@uspto.gov
> > Subject: RE: RE: Obtaining Digital Certificate
> > To: paulponiatowski@hotmail.com
> >
> >
> > Do you have an application number? Official filing receipts are usually sent between 6-8 weeks after application has been received.
> >
> > Thanks,
> >
> > Bo

> > EBC
> >
> > [THREAD ID:1-2LCLJN]
> >
> >
> >
> > -----Original Message-----
> >
> > From: paulponiatowski@hotmail.com
> > Sent: 12/10/2009 03:23:25 PM
> > To: EBC <EBC@USPTO.GOV>
> > Subject: RE: Obtaining Digital Certificate
> >
> > ok , cool, thanks for that.one other thing is that I have not rec. ANY written correspondence from the USPTO.It's almost 2 months since the filing.Is this normal?
> > Paul
> >
> > > Date: Thu, 10 Dec 2009 15:14:16 -0500
> > > From: ebc@uspto.gov
> > > Subject: RE: RE: Obtaining Digital Certificate
> > > To: paulponiatowski@hotmail.com
> > >
> > > Hello,
> > >
> > > Your form has been received and processed by our department. It's currently with the security department. They should issue the authorization code and reference number within a week.
> > >
> > > Thanks,
> > >
> > > Bo
> > > EBC
> > >
> > > [THREAD ID:1-2LCLJN]
> > >
> > >
> > >
> > > -----Original Message-----
> > >
> > > From: paulponiatowski@hotmail.com
> > > Sent: 12/10/2009 02:58:46 PM
> > > To: EBC <EBC@USPTO.GOV>
> > > Subject: RE: Obtaining Digital Certificate
> > >
> > > hi my customer no is : 92425thanksPaul
> > >
> > > > Date: Thu, 10 Dec 2009 14:38:07 -0500
> > > > From: ebc@uspto.gov
> > > > Subject: RE: FW: Obtaining Digital Certificate
> > > > To: paulponiatowski@hotmail.com
> > > >
> > > > Hello,
> > > >
> > > > It usually takes about 2 weeks for that form to be processed. Are you a registered attorney? If so, can I have your registration number? If not, can I have your customer number?
> > > >

> > > > Thanks,
> > > >
> > > > Bo
> > > > EBC
> > > >
> > > > [THREAD ID:1-2LCLJN]
> > > >
> > > >
> > > >
> > > > -----Original Message-----
> > > >
> > > > From: paulponiatowski@hotmail.com
> > > > Sent: 12/10/2009 02:21:46 PM
> > > > To: EBC <EBC@USPTO.GOV>
> > > > Subject: FW: Obtaining Digital Certificate
> > > >
> > > >
> > > > can you reply to my question?
> > > > From: paulponiatowski@hotmail.com
> > > > To: ebc@uspto.gov
> > > > Subject: Obtaining Digital Certificate
> > > > Date: Wed, 2 Dec 2009 03:42:21 +0000
> > > >
> > > > .ExternalClass .ecxhmmessage P {padding:0px;} .ExternalClass body.ecxhmmessage {font-size:10pt;font-family:Verdana;} hiI 've send you notarized Certificate Action Form couple weeks ago.It was rec. by your office on Nov. 25.I was wondering how long 'll it take to issue the certificate ?ThanksPaul
> > > > Windows 7: Unclutter your desktop. Learn more.
> > > > Windows Live Hotmail gives you a free,exclusive gift. Click here to download.
> > >
> > > Windows LiveT Hotmail is faster and more secure than ever. Learn more.
> >
> > Windows LiveT Hotmail is faster and more secure than ever. Learn more.
>
> Windows Live Hotmail gives you a free,exclusive gift. Click here to download.

The New Busy is not the too busy. Combine all your e-mail accounts with Hotmail. Get busy.

Exhibit C

Lichauco, Faustino

From: Paul Poniatowski [paulponiatowski@hotmail.com]
Sent: Monday, October 19, 2009 10:00 PM
To: Lichauco, Faustino
Subject: RE: Deadline to file CON/DIV/CIP Application: Tuesday, 10/20/09 - "Audio/Visual Information Dissemination System"

(8)

Tino,
well there was no such selection available on the EFS site.
I recall my lawyer kept talking National stage app so I selected that one - I'm not a lawyer.
I was desperate to file before the 20 Oct .

thanks again , g-nite,

Paul

> From: flichauco@ortpatent.com
> To: paulponiatowski@hotmail.com
> Date: Mon, 19 Oct 2009 21:27:06 -0400
(7)
> Subject: RE: Deadline to file CON/DIV/CIP Application: Tuesday, 10/20/09 - "Audio/Visual Information Dissemination System"
>
> OK. But why does it say section 371 national stage of PCT. I thought this was a continuation in part under section 120.
>
> I may not respond again for awhile. It's getting pretty late here. Good night.
>
> Tino
>
> _____
> From: Paul Poniatowski [paulponiatowski@hotmail.com]
> Sent: Monday, October 19, 2009 9:23 PM
> To: Lichauco, Faustino
> Subject: RE: Deadline to file CON/DIV/CIP Application: Tuesday, 10/20/09 - "Audio/Visual Information Dissemination System"
>
(6)
> Hi Tino,
> thank you for your mail.
> Nobody was able to assist me on such a short notice.
> Im in Shanghai awaiting on ruling from Chinese patent office; and that made things even harder.
> I'm really upset with my Virginia attorney. WE had discussed the strategy for filing before the 20 OCT. long time ago.
>
> Any way - I pulled off 12hour blitz and did my own electronic filling.
> Im not sure how good of a job i did but the main thing is that i got the filing date rec. for the new subject matter.
> see attached file; that 'll give you a good idea on what my new invention is all about.
>
> As for preserving foreign rights I think that is past and gone since my PCT date was April 2004.
>
> Anyway - I'll be looking for a new representation so maybe we can work something out.
>

> Paul
>
> _____
> From: flichauco@ortpatent.com
> To: paulponiatowski@hotmail.com
> CC: Tsao@ortpatent.com; info@ortpatent.com
> Date: Mon, 19 Oct 2009 17:20:57 -0400
> Subject: FW: Deadline to file CON/DIV/CIP Application: Tuesday, 10/20/09 - "Audio/Visual Information Dissemination System"
>
>
> Dear Paul:
>
(5)
>
>
> Rocky was away when this email came, and as the subject matter has more to do with communication systems, he asked me to handle it when he came in today.
>
>
>
> I note that you referred to Mr. Xia, not Mr. Tsao. I am not sure therefore whether you selected our firm or the Atlanta firm below.
>
>
>
> To assist you in making a decision, I enclose a brochure describing our firm. As you can see, the subject matter falls squarely within my area of technical expertise. I have drafted and prosecuted numerous applications in the area of communication systems. Two examples that that involve display of information in public places are 2002-004387 and US 6,622,826.
>
>
>
> As I understand it, you would like to file a CIP claiming the benefit of the priority date of both 10/407,222 (D1) and US 2009 0185552 (D2). However, we do not have the new matter that you propose to include. In view of the short deadline, unless an application containing the new matter is already in a form ready to file, I recommend filing a continuation of the D1 application, (call it "D3") which is issuing tomorrow. This will buy time to carefully prepare a CIP, which would then claim priority from both D3 and D2.
>
>
>
> On the other hand, if the new matter is going to be publicly disclosed or used tomorrow, you will need to actually file the new matter to preserve foreign rights in most countries.
>
>
>
> Please let me know as soon as possible what you would like to do.
>
>
>
> Tino
>
>
>
> Faustino A. Lichauco.
> Of Counsel

> Occhiuti Rohlicek & Tsao LLP
> 10 Fawcett Street
> Cambridge, Mass. 02138
> Tel: 617-500-2533
> Fax: 617-500-2499
> Email: Lichauco@ORTpatent.com
>
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> _____
>
> From: Paul Poniatowski [mailto:paulponiatowski@hotmail.com]
> Sent: Friday, October 16, 2009 3:22 AM
> To: Tsao, Rocky
> Subject: FW: extra info.
> Importance: High
>
(4)- > Mr. Xia
>
> I got your name from my rep in Beijing .
>
> Im urgently looking to file a new app., 10-15 claims BEFORE 20 OCT .
>
> My primary lawyer is offering me an ill council and "mysteriously" unable to file in spite the fact that we discussed this several weeks beforehand.
>
> See all info below.
>
> If interested please provide me with cost so I can arrange payment.
>
> For more information ,You can reach me any time in Shanghai at 86-189-18957542 till end of the month.
>
> Thank you,
>
> Paul Poniatowski
>
>
>
> _____
>
(3)- > From: ltbj@lungtin.com
> To: paulponiatowski@hotmail.com
> CC: xqh@mailbox.lungtin.com
> Subject: RE: extra info.
> Date: Fri, 16 Oct 2009 12:43:22 +0800
>
>
>
> Dear Paul,

>
>
>
> We thank you for consulting with us. Unfortunately, as you may be aware, Lung Tin, a Chinese firm, does not have the capability to handle the filing and prosecution of a U.S. patent application, such as your CIP application. Thus, we recommend the following two firms, which we have entrusted our cases to them for a number of years and know that they can handle urgent matters, and which are suitable for sole inventor clients.
>
>
>
> Upon choosing a firm, please contact the attorney directly and make a reference to our recommendation. Given the urgency of the case, please (1) contact the firm of your choice by Friday (October 16, U.S. EDT), and state the situation of your cases; (2) have your disclosure in English ready by Sunday (October 18, U.S. EDT); and (3) have the firm filed your CIP application by Monday (October 19, U.S. EDT).
>
>
>
> As we understand it, your to-be-filed CIP application will claim priority to a co-pending application No. 10/407,222 (issuing on October 20, 2009) and a co-pending application (Publication No. 2009/0185552), and will include certain description of new matters, part of which was provided in the '552 publication. Thus, we further recommend you transferring your two co-pending applications to the firm of your choice in order to facilitate the prosecution of your to-be-filed CIP, as well as to increase the attorney efficiency.
>
>
>
> In any event, please let us know your decision on this. As always, please do not hesitate to contact us if you have any questions or need any assistance.
>
>
>
> Attn: Mr. Tim Tingkang Xia
>
> MORRIS, MANNING & MARTIN. LLP
>
> ATTORNEYS AT LAW
>
> 1600 Atlanta Financial Center,
>
> 3343 Peachtree Road, N.E. Atlanta,
>
> Georgia, 30326- 1044, U. S. A.
>
> Email: txia@mmmlaw.com
>
> Fax: 001-404 365 9532
>
>
>
> Y. Rocky Tsao, Ph.D., J.D.
> Partner
> Occhiuti Rohlicek & Tsao LLP
> 10 Fawcett Street
> Cambridge, MA 02138

> Telephone 617-500-2500
> Email: Tsao@ortpatent.com
> Facsimile 617-500-2499
> www.ortpatent.com
>
>
>
> Please confirm safe receipt of this message.
>
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>
> Sincerely yours,
>
>
>
>
>
>
>
> Shirley Xing, Director of Patent Processing Department
>
> Lung Tin Intellectual Property Agent, Ltd.
> /cxj
>
>
>
> 发件人: Paul Poniatowski [mailto:paulponiatowski@hotmail.com]
> 发送时间: 2009年10月15日 13:29
> 收件人: ltbj@lungtin.com
> 主题: extra info.
>
>
>
> the app. # 10407222 did rec. the patent rights; and they are to be issued on 20 Oct. 09 in US .
>
>
>
> you can view it on the PAIR as well, but select - app. number - from the main menu. and enter the number 10407222.
>
>
>
> P.
>
> _____
>
> From: ltbj@lungtin.com
> To: paulponiatowski@hotmail.com
> Subject: Re: received with thanks, we will contact you asap!
> Date: Thu, 15 Oct 2009 13:16:48 +0800
>
> Dear Paul:
>
> Received with thanks, I am reading your letter and I or my colleague will contact you as soon as possible!
>

> Yuyue Zhang
>
>
>
>
>
> 发件人: Paul Poniatowski [mailto:paulponiatowski@hotmail.com]
> 发送时间: 2009年10月15日 12:34
> 收件人: ltbj@lungtin.com
> 主题: For Yuyue ZHANG
> 重要性: 高
>
>
>
>
> Hi , thanks for your interest in my case;
>
>
>
> My US lawyer is mysteriously unable to file BEFORE the 20 Oct. even though we spoke about it months beforehand.
>
>
>
> Here is what u need to do ;
>
> first reed a attachment ; Ralfs 1st letter - it'll give u a better idea what is going on.
>
>
>
> the petition has been granted and the national phase app. was re-established in US.You can view it there :
>
>
>
> portal.uspto.gov/external/portal/pair -
>
>
>
> select - publication number - from the menu and enter ; 2009-0185552 - then you can see all files under transaction history tab or image file wrapper tab.
>
>
>
>
>
> The new application is on MPS (Mobile Payment System) that 'll be used by general public. It'll eliminate Plastic credit cards bank machines and lineups in the stores to cash registers. Most of the prior art on that 'll find at the end of PCT application /Chinese version at the ad the end :
>
>
>
> The system described above is flexible enough for many different types of advertising and promotions. As an example, advertisers could include in their advertising a specific telephone code which users may enter while listening to an audio feed. Entering the code would then automatically

connect the end user to the advertiser's telephone call-in center so the end user can then take advantage of the offer (e. g. a vacation trip for a low promotional price). Alternatively, end users may establish an account, with their credit cards on file, with the operators of the system. These end users may then do their shopping over the telephone based on what is being advertised on the display screens. End user choices, such as the colour, size, or type of merchandise, could be entered by the end user via the telephone keypad using specific telephone codes shown in the video feeds. To verify an end user's identity, PIN (personal identification numbers) could be associated with each end user account. Such PIN numbers would be required to validate/finalize the transaction before the end user's credit card is charged and before the item is shipped to the end user's on-file address or before the end user can pick up the item. As an alternative, an end user's bank account can be tied in with the end user's system account and the purchase price of the end-user's purchase can be automatically debited to from his/her bank account. The use of PIN numbers or some similar scheme for validation for this configuration would, of course, be required for security. End users can also be provided, by of way of their mobile telephone's screen, with different payment options. A dedicated PAY button on the mobile handset can be provided so that activation of this button brings up the end user's payment option.

> I'll send you a condensed synopsis of MPS in the next mail.

> Paul.

> _____

> Hotmail: Free, trusted and rich email service. Get it now.

> _____

> Hotmail: Trusted email with powerful SPAM protection. Sign up now.

> _____

> Hotmail: Powerful Free email with security by Microsoft. Get it now.

> _____

> Hotmail: Trusted email with powerful SPAM protection. Sign up now.<http://clk.atdmt.com/GBL/go/177141665/direct/01/>

Hotmail: Powerful Free email with security by Microsoft. Get it now.

Exhibit D

Date and Time	Num
1/4/10 1:00 PM	+15712722822, +15712722822
1/4/10 11:22 AM	+15712724018
1/4/10 11:20 AM	+15712724018
1/4/10 11:15 AM	+15712724018
1/4/10 11:07 AM	+15712724018
1/4/10 10:49 AM	+15712724018
1/4/10 10:43 AM	+15712724018
1/4/10 10:19 AM	+15712724018
12/30/09 1:26 PM	+15712722822
12/30/09 9:59 AM	+15712724000
12/11/09 11:05 AM	+15712727701
12/11/09 10:17 AM	+15712727400

Electronic Acknowledgement Receipt

EFS ID:	7649832
Application Number:	12596531
International Application Number:	
Confirmation Number:	2588
Title of Invention:	Mobile Payment System (MPS)
First Named Inventor/Applicant Name:	Paul Poniatowski
Correspondence Address:	Paul Poniatowski - 12-11Keniga ul. - Warsaw - 02-495 PL - -
Filer:	Faustino A. Lichauco/Melissa Simpson
Filer Authorized By:	Faustino A. Lichauco
Attorney Docket Number:	
Receipt Date:	20-MAY-2010
Filing Date:	
Time Stamp:	10:40:29
Application Type:	U.S. National Stage under 35 USC 371

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Petition for review by the Office of Petitions.	30071-002001-Petition_Withdraw_holding_abandonment.pdf	1534712 7825e467b67f42a875bf214ddd8285aaaeb3eddf	no	18
Warnings:					
Information:					
		Total Files Size (in bytes):	1534712		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

UNITED STATES PATENT and TRADEMARK OFFICE

28 JUL 2010

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
P.O BOX 1450
ALEXANDRIA, VA 22313-1450
www.uspto.gov

Paul Poniatowski
12-11Keniga ul.
Warsaw 02-49-5
POLAND

In re Application of	:	DECISION ON
Paul Poniatowski	:	
Application No.: 12/596,531	:	
PCT No.: PCT/CA04/00513	:	PETITION UNDER
Int. Filing Date: 07 April 2004	:	
Priority Date: 07 April 2003	:	37 CFR 1.181
Attorney's Docket No.: N/A	:	
For: Mobile Payment System (MPS)	:	

This Decision is in response to applicant's "PETITION T0 WITHDRAW HOLDING OF ABANDONMENT (37 CFR 1.181)" filed on 20 May 2010. The petition requests the withdrawal of the Notice of abandonment mailed on 05 April 2010. No petition fee is required.

BACKGROUND

On 07 April 2004, international application PCT/CA04/00513 was filed, claiming an earliest priority date of 07 April 2003. The deadline for paying the basic national fee in the United States under 35 U.S.C. 371 and 37 CFR 1.495 was 07 October 2005. This international application became abandoned with respect to the United States at midnight on 07 October for failure to pay the required basic national fee

On 09 July 2008, applicant filed a TRANSMITTAL LETTER (FORM PTO-1390) for entry into the national stage in the United States of international application PCT/CA04/00513, which was accompanied by, *inter alia*, basic national fee and a petition to revive under 37 CFR 1.137(b). These application papers were identified by applicants with attorney docket number 16441 and were assigned application number **12/087,539**. The petition to revive was granted on 23 September 2008.

On 19 October 2009, applicant electronically filed in the United States Patent and Trademark Office (PTO) via EFS-WEB entry into the national stage in the U.S. under 35 U.S.C. 371 of international application PCT/CA04/00513. These application papers were assigned application number **12/596,531**.

On 05 April 2010, the United States Patent and Trademark Office mailed the Notification of Abandonment (PCT/DO/EO/909) since the applicant has failed to provide the full U.S. Basic National Fee by 30 months (37 CFR 1.495(b)(2)).

On 20 May 2010, petitioner filed the current petition to withdraw the holding of abandonment.

DISCUSSION

As is evident from the above recited facts, applicant submitted two sets of papers to enter the national stage for the same international application. The submission of two sets of national stage papers to enter the United States was improper.

35 U.S.C. 363 states:

> An international application designating the United States shall have the effect, from its international filing date under article 11 of the treaty, of a national application for patent regularly filed in the Patent and Trademark Office except as otherwise provided in 102(e) of this title. (emphasis added)

Further, 35 U.S.C. 371(b) states:

> (b) Subject to subsection (f) of this section, the national stage shall commence with the expiration of the applicable time limit under article 22(1) or (2), or under article 39(1)(a) of the treaty. (emphasis added)

The language of 35 U.S.C. 363 and 371 refers to the national stage of the PCT in the singular only, and thus only one (1) national stage application in the U.S. may develop from an international application. In that only one national stage of a PCT application is permitted, it would have been proper for both of the submissions to be placed in a single application and assigned a single application number.

If applicants intended for application 12/596,531 to be a separate application for prosecution as applicant does as a CIP, then applicant will need to file **a petition under 37 CFR 1.182 to convert** the aforementioned application from a filing under 35 U.S.C. 371 to an application under 35 U.S.C. 111(a). Otherwise, it would be proper for both submissions to be placed in a single application and assigned a single application number. That is the application papers filed and designated application number 12/596,531 to be placed in application 12/087,539.

CONCLUSION

For the reasons above, the petition under 37 CFR 1.181 is **Granted** to the extent that application papers from aforementioned application will be merged with application 12/087,539.

The Notification of Abandonment (PCT/DO/EO/909) mailed **05 April 2010** was in error and is hereby **VACATED**.

If reconsideration of the merits of the petition under 37 CFR 1.181 is desired, applicant must file a request for reconsideration within TWO (2) MONTHS from the mail date of this Decision. Any reconsideration request should include a cover letter entitled "Petition Under 37 CFR 1.182" to convert the aforementioned application to a filing under 35 USC 111(a) as a CIP. Extensions of time are available under 37 CFR 1.136(a).

Any further correspondence with respect to this matter may be filed electronically via EFS-Web selecting the document description "Petition for review and processing by the PCT Legal Office" or by mail addressed to Mail Stop PCT, Commissioner for Patents, Office of PCT Legal Administration, P.O. Box 1450, Alexandria, Virginia 22313-1450, with the contents of the letter marked to the attention of the Office of PCT Legal Administration.

Rafael Bacares
PCT Legal Examiner
PCT Legal Office
Telephone: (571) 272-3276
Facsimile: (571) 273-6459

PTO/SB/82 (01-06)
Approved for use through 12/31/2008. OMB 0651-0035
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

REVOCATION OF POWER OF ATTORNEY WITH NEW POWER OF ATTORNEY AND CHANGE OF CORRESPONDENCE ADDRESS

Application Number	12/596,531
Filing Date	10/19/2009
First Named Inventor	Paul Poniatowski
Art Unit	
Examiner Name	
Attorney Docket Number	30071-002001

I hereby revoke all previous powers of attorney or authorizations of agent given in the above-identified application.

☐ A Power of Attorney is submitted herewith.

OR

☒ I hereby appoint the practitioners at Customer Number : 69713

☒ Please change the correspondence address for the above-identified application to:

☒ The address associated with Customer Number: 69713

OR

☐ Firm *or* Individual Name			
Address			
City		State	ZIP
Country			
Telephone		Email	

I am the:

☒ Applicant/Inventor.

☐ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

SIGNATURE of Applicant or Assignee of Record

Signature	/ Paul Poniatowski /		
Name	Paul Poniatowski		
Date	08/16/2010	Telephone	

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☐ *Total of _____ forms are submitted.

This collection of information is required by 37 CFR 1.36. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Electronic Acknowledgement Receipt

EFS ID:	8232209
Application Number:	12596531
International Application Number:	
Confirmation Number:	2588
Title of Invention:	Mobile Payment System (MPS)
First Named Inventor/Applicant Name:	Paul Poniatowski
Correspondence Address:	Paul Poniatowski - 12-11Keniga ul. - Warsaw - 02-495 PL - -
Filer:	Faustino A. Lichauco/melissa simpson
Filer Authorized By:	Faustino A. Lichauco
Attorney Docket Number:	
Receipt Date:	17-AUG-2010
Filing Date:	
Time Stamp:	11:10:50
Application Type:	U.S. National Stage under 35 USC 371

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Power of Attorney	30071-002001-POA.pdf	30523 f688f9964b7436bfb97a9fd959daf04403e321a5	no	1
Warnings:					
Information:					
		Total Files Size (in bytes):	30523		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
12/596,531	10/19/2009	Paul Poniatowski	30071-002001

CONFIRMATION NO. 2588

69713
OCCHIUTI ROHLICEK & TSAO, LLP
10 FAWCETT STREET
CAMBRIDGE, MA 02138

POA ACCEPTANCE LETTER

OC000000043202144

Date Mailed: 08/27/2010

NOTICE OF ACCEPTANCE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 08/17/2010.

The Power of Attorney in this application is accepted. Correspondence in this application will be mailed to the above address as provided by 37 CFR 1.33.

/hgray/

Office of Data Management, Application Assistance Unit (571) 272-4000, or (571) 272-4200, or 1-888-786-0101

Electronic Patent Application Fee Transmittal

Application Number:	12596531
Filing Date:	
Title of Invention:	Mobile Payment System (MPS)
First Named Inventor/Applicant Name:	Paul Poniatowski
Filer:	Faustino A. Lichauco/Melissa Simpson
Attorney Docket Number:	30071-002001

Filed as Large Entity

U.S. National Stage under 35 USC 371 Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Petition fee- 37 CFR 1.17(f) (Group I)	1462	1	400	400
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Miscellaneous:				
		Total in USD ($)		**400**

AMENDMENTS TO THE SPECIFICATION

Please add the following new paragraph after the title:

CROSS-REFERENCE TO RELATED APPLICATIONS

Under 35 USC 120, this application is a continuation of US Application 10/407,222, filed on April 7, 2003 and issued on October 19, 2009 as U.S. Patent 7,606,215. The contents of both applications are hereby incorporated by reference in their entirety.

REMARKS

Applicants have amended the specification to include priority information.

Please apply any other charges to Deposit Account No. 50-4189, referencing Attorney Docket No. 30071-002001.

Respectfully submitted,

Date: 9/2/2010

Faustino A. Lichauco
Reg. No. 41,942

Customer No. 69713
Occhiuti Rohlicek & Tsao LLP
10 Fawcett Street
Cambridge, MA 02138
Telephone: (617) 500-2533
Facsimile: (617) 500-2499

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	: Paul Poniatowski	Art Unit	: Not yet assigned
Serial No.	: 12/596,531	Examiner	: Not yet assigned
Filed	: October 19, 2009	Conf. No.	: 2588
Title	: Mobile Payment System		

MAIL STOP PETITION
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

PETITION UNDER RULE 1.182 TO CONVERT APPLICATION UNDER 35 USC 371 INTO APPLICATION UNDER 35 USC 111((a) WITH A PRIORITY CLAIM UNDER 35 USC 120

Applicant petitions that this application, which was erroneously filed under 35 USC 371 be converted into an application under 35 USC 111(a) with a priority claim under 35 USC 120 to US Application 10/407,222. The present application was filed on October 19, 2009, which is the day U.S. Application 10/407,222 issued. Thus, the two applications were co-pending and a continuation application is proper.

Applicant refers to a petition to withdraw a holding of abandonment filed on May 20, 2010 for an explanation concerning how this application came to be inadvertently filed under section 371, inadvertently abandoned on 4/5/2010, and subsequently revived by petition decided on 7/28/2010.

Applicant includes herewith a preliminary amendment that adds the language required under Rule 78. Applicant proposes to pay the filing fees following issue of a notice to file missing parts.

Please charge the petition fee under Rule 1.17(f) to our deposit account 504189 referencing attorney docket number 30071-002001.

Attorney Docket No.: 30071-002001

No additional fees are believed to be due in connection with the filing of this Rule 1.182 petition. However, to the extent fees are due, or if any refund is forthcoming, please adjust our deposit account as specified above.

Respectfully submitted,

Date: 9-2-2010

Faustino A. Lichauco
Reg. No. 41,942

Customer No. 69713
Occhiuti Rohlicek & Tsao LLP
10 Fawcett Street
Cambridge, MA 02138
Telephone: (617) 500-2533
Facsimile: (617) 500-2499

Electronic Acknowledgement Receipt

EFS ID:	8345707
Application Number:	12596531
International Application Number:	
Confirmation Number:	2588
Title of Invention:	Mobile Payment System (MPS)
First Named Inventor/Applicant Name:	Paul Poniatowski
Customer Number:	69713
Filer:	Faustino A. Lichauco/Melissa Simpson
Filer Authorized By:	Faustino A. Lichauco
Attorney Docket Number:	30071-002001
Receipt Date:	02-SEP-2010
Filing Date:	
Time Stamp:	14:46:39
Application Type:	U.S. National Stage under 35 USC 371

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	$400
RAM confirmation Number	1054
Deposit Account	504189
Authorized User	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)

1		30071-002001-PetRule1182.pdf	127076 a8eb9e45b8eeb61d3bc2aa396d4ab65857b5e90e	yes	5

Multipart Description/PDF files in .zip description		
Document Description	**Start**	**End**
Petition for review and processing by the PCT legal office.	1	2
Preliminary Amendment	3	3
Specification	4	4
Applicant Arguments/Remarks Made in an Amendment	5	5

Warnings:

Information:

2	Fee Worksheet (PTO-875)	fee-info.pdf	30022 4bb6032cae040530e00c0d48dba3cb4cce19d0db	no	2

Warnings:

Information:

Total Files Size (in bytes):	157098

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371
If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office
If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	: Paul Poniatowski	Art Unit	: Not yet assigned
Serial No.	: 12/596,531	Examiner	: Not yet assigned
Filed	: October 19, 2009	Conf. No.	: 2588
Title	: Mobile Payment System		

MAIL STOP AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

PRELIMINARY AMENDMENT

Prior to examination, please amend the application as follows:

UNITED STATES PATENT and TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
P.O BOX 1450
ALEXANDRIA, VA 22313-1450
www.uspto.gov

MAILED

NOV 04 2010

PCT LEGAL ADMINISTRATION

Paul Poniatowski
12-11Keniga ul.
Warsaw 02-49-5
POLAND

In re Application of	:	DECISION ON
Paul Poniatowski	:	
Application No.: 12/596,531	:	
PCT No.: PCT/CA04/00513	:	PETITION UNDER
Int. Filing Date: 07 April 2004	:	
Priority Date: 07 April 2003	:	37 CFR 1.182
Attorney's Docket No.: N/A	:	
For: Mobile Payment System (MPS)	:	

This is in response to applicants' submission, "PETITION UNDER 37 C.F.R. 1.182 TO CONVERT APPLICATION UNDER 35 USC 371... PRIORITY CLAIM UNDER 35 USC 120," filed 02 September 2010. The petition requests the above referenced application be converted from a national stage application filed under 35 U.S.C. 371 to a national application filed under U.S.C. 111(a). The $400.00 petition fee has been charged to Deposit Account 504189.

BACKGROUND

In a communication from this Office on 28 July 2010, the Office stated the submission of two sets of national stage papers to enter the USPTO was improper. As the proper national stage of PCT application PCT/CA04/00513 is 12/087,539 and not 12/596,531.

On 02 September 2010, petitioner filed a petition to convert the above national stage application filed under 37 USC 371 to an application filed under 35 USC 111(a).

DISCUSSION

35 U.S.C. 363 states:

> An international application designating the United States shall have the effect, from its international filing date under article 11 of the treaty, of a national application for patent regularly filed in the Patent and Trademark Office except as otherwise provided in 102(e) of this title. (emphasis added)

Further, 35 U.S.C. 371(b) states:

> (b) Subject to subsection (f) of this section, **the** national stage shall commence with the expiration of the applicable time limit under article 22(1) or (2), or under article 39(1)(a) of the treaty. (emphasis added)

The language of 35 U.S.C. 363 and 371 refers to the national stage of a PCT application in the singular only, and thus only one (1) national stage application in the U.S. may develop from an international PCT application.

A review of the file reveals that 35 U.S.C. 371 was improper for this application because petitioner has already filed a proper national stage application, 12/087,539, for PCT/CA04/00513 and only one national stage may be filed from a PCT application. As a result, this application can not be treated as a national stage application under 35 U.S.C. 371. Accordingly, it would be appropriate to consider the conversion of the application to an application under 35 U.S.C. 111(a) at this time.

Petitioner's petition to convert the application from a filing under 35 U.S.C. 371 to an application under 35 U.S.C. 111(a) can be granted.

CONCLUSION

The petition under 37 CFR 1.182 for reasons noted above is **GRANTED**.

This application is being forward to Office Initial Patent Examination(OIPE) for continued processing.

Rafael Bacares
Legal Examiner
PCT Legal Office
Telephone: (571) 272-3276
Facsimile: (571) 273-0459

PATENT APPLICATION FEE DETERMINATION RECORD

Substitute for Form PTO-875

Application or Docket Number: 12/596,531

APPLICATION AS FILED - PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA	SMALL ENTITY RATE($)	SMALL ENTITY FEE($)	OR	OTHER THAN SMALL ENTITY RATE($)	OTHER THAN SMALL ENTITY FEE($)
BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A			N/A	330
SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A			N/A	540
EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A			N/A	220
TOTAL CLAIMS (37 CFR 1.16(i))	12 minus 20 =	*			OR	x 52 =	0.00
INDEPENDENT CLAIMS (37 CFR 1.16(h))	1 minus 3 =	*				x 220 =	0.00
APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $270 ($135 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).						0.00
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))							0.00
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL			TOTAL	1090

APPLICATION AS AMENDED - PART II

		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	SMALL ENTITY RATE($)	SMALL ENTITY ADDITIONAL FEE($)	OR	OTHER THAN SMALL ENTITY RATE($)	OTHER THAN SMALL ENTITY ADDITIONAL FEE($)
AMENDMENT A	Total (37 CFR 1.16(i))	*	Minus	**	=	x =		OR	x =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=	x =		OR	x =	
	Application Size Fee (37 CFR 1.16(s))									
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
						TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE($)	ADDITIONAL FEE($)		RATE($)	ADDITIONAL FEE($)
AMENDMENT B	Total (37 CFR 1.16(i))	*	Minus	**	=	x =		OR	x =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=	x =		OR	x =	
	Application Size Fee (37 CFR 1.16(s))									
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
						TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".
The "Highest Number Previously Paid For" (Total or Independent) is the highest found in the appropriate box in column 1.

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www.uspto.gov

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
12/596,531		Paul Poniatowski	30071-002001

CONFIRMATION NO. 2588

69713
OCCHIUTI ROHLICEK & TSAO, LLP
10 FAWCETT STREET
CAMBRIDGE, MA 02138

371 CONVERT TO REGULAR

OC000000045621173

Date Mailed: 01/25/2011

FILING OF 35 U.S.C. 111 APPLICATION

The application papers filed are not clearly identified as a submission to enter the national stage under 35 U.S.C. 371 or contain conflicting or no instructions as to whether the papers are filed under 35 U.S.C. 371 or 35 U.S.C. 111. In accordance with 37 C.F.R. 1.495(g), such papers are accepted for filing under 35 U.S.C. 111. Accordingly, the papers do not satisfy the requirements for treatment as the national stage of a PCT application.

IPR2024-00731
APPLE EX1002 Page 103

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APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
12/596,531	10/19/2009	Paul Poniatowski	30071-002001

CONFIRMATION NO. 2588

69713
OCCHIUTI ROHLICEK & TSAO, LLP
10 FAWCETT STREET
CAMBRIDGE, MA 02138

FORMALITIES LETTER

OC000000045646064

Date Mailed: 01/25/2011

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
  *Applicant must submit $**330** to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).*
- The oath or declaration is missing.
  A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
  Note: If a petition under 37 CFR 1.47 is being filed, an oath or declaration in compliance with 37 CFR 1.63 signed by all available joint inventors, or if no inventor is available by a party with sufficient proprietary interest, is required.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- A substitute specification in compliance with 37 CFR 1.52, 1.121(b)(3), and 1.125, is required. The substitute specification must be submitted with markings and be accompanied by a clean version (without markings) as set forth in 37 CFR 1.125(c) and a statement that the substitute specification contains no new matter (see 37 CFR 1.125(b)). The specification, claims, and/or abstract page(s) submitted is not acceptable and cannot be scanned or properly stored because:
  - The line spacing on the specification, claims, and/or abstract is not 1½ or double spaced (see 37 CFR 1.52(b)).
- Replacement drawings in compliance with 37 CFR 1.84 and 37 CFR 1.121(d) are required. The drawings submitted are not acceptable because:
  - The drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. (5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch).See Figures(s) all.

- The drawings must be reasonably free from erasures and must be free from alterations, overwriting, interlineations, folds, and copy marks. See Figure(s) all.
- More than one figure is present and each figure is not labeled "Fig." with a consecutive Arabic numeral (1, 2, etc.) or an Arabic numeral and capital letter in the English alphabet (A, B, etc.)(see 37 CFR 1.84(u)(1)). See Figure(s) all. A brief description of the several views of the drawings (see 37 CFR 1.74) should be added or amended to correspond to the corrected numbering of the figures. See also 37 CFR 1.77(b)(7).
- The drawings contain excessive text. Suitable descriptive legends may be used, or may be required by the Examiner where necessary for understanding of the drawing but should contain as few words as possible (see 37 CFR 1.84(o)). See Figure(s) all.
- The drawings submitted to the Office are not electronically reproducible because portions of figures all are missing and/or blurry.

- Replacement claim(s) commencing on a separate sheet in compliance with 37 CFR 1.75(h) and 1.121 is required. Claims must be consecutively numbered and the same claim number cannot be used for more than one claim. See 37 CFR 1.126.
- A replacement abstract commencing on a separate sheet in compliance with 37 CFR 1.72(b) and 37 CFR 1.121 is required.

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

The applicant needs to satisfy supplemental fees problems indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- A surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.16(f) of $**130** for a non-small entity, must be submitted.

SUMMARY OF FEES DUE:

Total fee(s) required within **TWO MONTHS** from the date of this Notice is $**1220** for a non-small entity

- $**330** Statutory basic filing fee.
- $**130** Surcharge.
- The application search fee has not been paid. Applicant must submit $**540** to complete the search fee.
- The application examination fee has not been paid. Applicant must submit $**220** to complete the examination fee for a non-small entity.

Replies should be mailed to:

Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.
https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html

For more information about EFS-Web please call the USPTO Electronic Business Center at **1-866-217-9197** or visit our website at http://www.uspto.gov/ebc.

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

/spathammavong/

Office of Data Management, Application Assistance Unit (571) 272-4000, or (571) 272-4200, or 1-888-786-0101

IPR2024-00731
APPLE EX1002 Page 106

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APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
12/596,531	10/19/2009	Paul Poniatowski	30071-002001

CONFIRMATION NO. 2588

POA ACCEPTANCE LETTER

69713
OCCHIUTI ROHLICEK & TSAO, LLP
10 FAWCETT STREET
CAMBRIDGE, MA 02138

OC000000045639008

Date Mailed: 01/25/2011

NOTICE OF ACCEPTANCE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 08/17/2010.

The Power of Attorney in this application is accepted. Correspondence in this application will be mailed to the above address as provided by 37 CFR 1.33.

/ccetin/

Office of Data Management, Application Assistance Unit (571) 272-4000, or (571) 272-4200, or 1-888-786-0101

IPR2024-00731
APPLE EX1002 Page 107

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APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	TOT CLAIMS	IND CLAIMS
12/596,531	10/19/2009		0.00	30071-002001	12	1

CONFIRMATION NO. 2588

69713
OCCHIUTI ROHLICEK & TSAO, LLP
10 FAWCETT STREET
CAMBRIDGE, MA 02138

FILING RECEIPT

OC000000045646063

Date Mailed: 01/25/2011

Receipt is acknowledged of this non-provisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please submit a written request for a Filing Receipt Correction. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections**

Applicant(s)

Paul Poniatowski, Residence Not Provided;

Power of Attorney: The patent practitioners associated with Customer Number 69713

Domestic Priority data as claimed by applicant

This application is a CON of 10/407,222 04/07/2003 PAT 7,606,215

Foreign Applications (You may be eligible to benefit from the **Patent Prosecution Highway** program at the USPTO. Please see http://www.uspto.gov for more information.)

If Required, Foreign Filing License Granted: 01/24/2011

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 12/596,531**

Projected Publication Date: To Be Determined - pending completion of Missing Parts

Non-Publication Request: No

Early Publication Request: No

IPR2024-00731
APPLE EX1002 Page 108

Title

Mobile Payment System (MPS)

Preliminary Class

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at http://www.uspto.gov/web/offices/pac/doc/general/index.html.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, http://www.stopfakes.gov. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

LICENSE FOR FOREIGN FILING UNDER

Title 35, United States Code, Section 184

Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier

IPR2024-00731
APPLE EX1002 Page 109

license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign AssetsControl, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

IPR2024-00731
APPLE EX1002 Page 110

Electronic Patent Application Fee Transmittal

Application Number:	12596531
Filing Date:	19-Oct-2009
Title of Invention:	Mobile Payment System (MPS)
First Named Inventor/Applicant Name:	Paul Poniatowski
Filer:	Faustino A. Lichauco/Melissa Simpson
Attorney Docket Number:	30071-002001

Filed as Small Entity

Utility under 35 USC 111(a) Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
Utility filing Fee (Electronic filing)	4011	1	82	82
Utility Search Fee	2111	1	270	270
Utility Examination Fee	2311	1	110	110
Pages:				
Claims:				
Miscellaneous-Filing:				
Late filing fee for oath or declaration	2051	1	65	65
Petition:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Extension - 2 months with $0 paid	2252	1	245	245
Miscellaneous:				
		Total in USD ($)		**772**

AUDIO/VISUAL INFORMATION DISSEMINATION SYSTEM

RELATED APPLICATIONS

This application is a continuation-in-part under 35 USC 120 of U.S. application 12/087,539, filed on July 9, 2008, which is the U.S. national stage application, under 35 USC 371, of PCT/CA2004/00513, filed on April 7, 2004, and a continuation-in-part of U.S. patent application 10,407,222, filed on Apr. 7, 2003, which issued as U.S. Pat. No. 7,606,215 on October 20, 2009, the contents of which are all herein incorporated by reference.

FIELD OF THE DISCLOSURE

This disclosure pertains to wireless networks, and in particular, to applications of wireless networks of a retail establishment.

BACKGROUND OF THE INVENTION

The recent communications revolution has increased the amount of data available to the public. The public's hunger for more and more information has been whetted by this excess of information.

Current systems for information dissemination, especially for disseminating to the members of the public who take public means of transportation, are currently inadequate. These systems are solely visual and static. Sandwich boards, billboards, and other very old static forms of advertising are used for such ends. However, as noted above, these systems are inadequate. Such static forms are purely visual and cannot be readily changed in response to changed conditions. Unfortunately, the ubiquity of televisions and computers have had a deleterious effect on the attention span of the average person. As such, current static systems are unable to keep people's attention.

Another major drawback of current systems is the lack of an audio component. Again, the proliferation of multi-media devices and the ubiquity of multi-media in today's society has the public clamoring for the same presentation type in almost all of their information input. While there are some information dissemination systems that integrate an audio portion (such as publicly accessible television sets), these can be intrusive and annoying to those who do not wish to take advantage of the system.

IPR2024-00731
APPLE EX1002 Page 113

There is therefore a need for an information dissemination system that integrates both video and audio components while simultaneously avoiding becoming an annoyance to those not wishing to access the information being disseminated. Such an information dissemination system should also be dynamic in that modifying the information content should be relatively simple. Furthermore, the system should be able to keep end users (i.e. the public, especially those who are travelling in public transportation vehicles) occupied and should be able to hold their attention. Finally, it is also very desirable if such a system would be cost effective and financially self sustaining. It is therefore an object of the present invention to mitigate if not overcome the deficiencies of the prior art.

SUMMARY OF THE INVENTION

In one aspect, the invention features an apparatus for engaging in wireless commercial transactions. Such an apparatus includes a mobile phone equipped with a dedicated actuator for initiating a commercial transaction, and an optical input for receiving information concerning prices of goods; a network hub for wireless exchange information between a commercial establishment and said mobile phone within the boundaries of the establishment; and a financial/authorization institution for associating a PIN number with said mobile phone and for authorizing transactions initiated by said mobile phone.

These and other aspects of the invention will be apparent from the following detailed description and the accompanying drawings, in which:

BRIEF DESCRIPTION OF THE DRAWINGS

FIG. 1 is a block diagram of a system for distributing information according to one aspect of the invention;

FIG. 2 is a block diagram of an example setup for a video display screen for use with the system of FIG. 1; and

FIG. 3 is a block diagram of another example set up for a video display screen for use with the system of FIG. 1.

IPR2024-00731
APPLE EX1002 Page 114

FIGS. 4-7 show steps in making a wireless payment;

FIGS. 8-11 show steps in wireless shopping; and

FIGS. 12-17 is a block diagram of a system, when ordering and paying in a bar or restaurant.

DETAILED DESCRIPTION

Referring to FIG. 1, a block diagram of a system for distributing information is illustrated. The system has **10** has a network hub **20**, multiple video distribution hubs **30A-30E**, audio distribution hubs **40A**, **40B**, and at least one telephone interface **50**. The network hub receives multiple audio feeds **60**, video feeds **70**, and hub end combined audio/video feeds 80 from a variety of sources. These feeds are then separated into dedicated audio only and video-only feeds. The dedicated audio-only feeds are sent to the audio distribution hubs **40A**, **40B** while the dedicated video-only feeds are sent to the video distribution hubs **30A-30E**. At the video distribution hubs, the relevant video only feeds are transmitted to multiple video display screens **90A-90K** by transmitters 100A-100E. On the audio side, the telephone interface **50** receives the dedicated audio only feed and routes this to the telephone interface **50**. The telephone interface **50** receives telephone calls from end users who wish to access one of the audio feeds. The end users, who could be calling and using their mobile or cellular telephones, can select one of the available audio feeds. Based on the end user input, the interface **50** selects the relevant audio feed and routes this feed to the relevant end user.

The network hub **20** can be seen as an audio/video feed aggregator--it receives feeds from a variety of sources and collects and combines these feeds into two signals, a dedicated audio feed and a dedicated video feed. The sources from which the feeds originate may be legion--the feeds could come from the Internet, a cable TV provider, broadcast TV, broadcast radio, a dedicated video or audio signal specifically created for the system, or any other source. The network hub **20** separates the feeds depending on the content--video feeds are separated and routed differently from audio feeds using well-known methods and techniques. Video feeds are aggregated into a first single signal with different video feeds occupying different parts or frequencies of that first single signal.

IPR2024-00731
APPLE EX1002 Page 115

Audio feeds are aggregated into a second single signal with different audio feeds occupying different parts or frequencies of that second single signal. The video feed signal (the first single signal) is then transmitted to the video distribution hubs **30A-30E**. The audio feed signal (the second single signal) is transmitted to the audio distribution hubs **40A**, **40B**.

Regarding the video distribution hubs **30A-30E**, each one can "tune" into or isolate one of the video fees aggregated into the video feed signal from the network hub **20**. The video feed that a distribution hub tunes into is then passed to a corresponding transmitter. A transmitter then transmits the video feed to multiple video display screens. Each video distribution hub **30A-30E** can be a video tuner which tunes to a specific video feed in the video feed signal. Such tuners are well-known in the art.

The transmitters 100A-100E may be, depending on the implementation, wireless, wired, or optical transmitters. The transmitters 100A-100E transmit the isolated or tuned into video feed to the different video display screens. Each video transmission hub and transmitter combination services video display screens located at a specific geographic area. Thus, one geographic area may have display screens **90A**, **90B**, **90C**, showing video feed A as tuned to by video transmission hub **30A** while another geographic area may have display screens **90G**, **90H** showing video feed B as tuned to by video transmission hub **30D**. Such an arrangement allows area--or region--centric video feeds to be distributed to the proper areas. Such an arrangement also allows the system to quickly change what is being shown in the video display screen in a specific area. As an example, if an important bulletin alert occurs and is in a video Q, all of the video distribution hubs **30A-30E** could automatically switch to video feed Q, ensuring quick dissemination of the bulletin alert to the video display screens serviced by video transmission hubs **30A-30E**. Similarly, if the video feed to be sent to a specific geographic area is to be changed, then only the transmission hub which services that specific geographic area needs to have any changes made. That transmission hub may merely need to tune into a different video feed.

IPR2024-00731
APPLE EX1002 Page 116

It should be noted that, to assist the viewing public in determining the content of the video feed being shown on the display screens, each video feed can be provided with closed captioning. This way, viewers can read the text of the audio for the video feed. It should further be noted that advertising and other relevant data may be inserted into each of the video feeds. This may be done by dividing the visual representation of the video feed into separate areas, with each area being provided with different data. As an example, FIG. 2 illustrates one possible configuration of the visual representation. Area **200** may have the actual moving video being presented (such as a newscast, a situation comedy, or a soap opera program). Area 210 may present the weather forecast for the city, area 220 may present a stock market report and area 230 may present sports scores. Area 240 may be reserved for the closed captioning for the video in area **200** and area **250** may be provided for advertisements that are targeted to the end users. As noted above, the video portions of the presentation (presented in area **200**) may be different for different areas. Similarly, different advertisements may be presented for different geographic areas. Ideally, up to 3/4 of the display screen may be devoted to advertising space. Devoting such a high proportion of the screen to revenue generating advertising should produce enough revenue for the operation of the system.

Referring to FIG. 3, an alternative arrangement fro the visual representational is illustrated. As can be seen, the main area of the screen is divided into multiple areas 200A, 200B, 200C, 200D. Each area may be dedicated to a different network video feed so that end users may have their choice of which program to view. Each video feed has its own audio feed which may be accessed by an end user as will be explained below.

Regarding the video display screens **90A-90K**, these display screens are ideally deployed at publicly viewable areas. These may be deployed inside public transportation vehicles such as subway cars and buses and they may be deployed as static installations in subway/bus stations, busy street corners, and other areas of populace concentration. Plasma display screens may be used as the display screens and, in one embodiment, such screens may be hardened and configured to withstand the elements for an outside deployment. Such a deployment may be placed outside moving vehicles such as buses, thereby providing information dissemination to not only commuters inside the vehicle but

IPR2024-00731
APPLE EX1002 Page 117

commuters outside the vehicle as well. For such mobile deployments, wireless technology may be used to transmit the video feed to the video display screens. For static deployments, wired technology such as cable, optical, and other well-known technologies, may be used for the transmission of the video feed to the video display screens. Other static deployments such as inside public transportation vehicles may use flat computer monitors to minimize deployment costs.

To avoid end user confusion due to the multiplicity of programs on a single screen as shown in FIG. 3 static deployments inside transportation stations (e.g. train stations, bus stations, subway stations) and inside transportation vehicles may use multiple display screens with specific screens being dedicated to specific network video feeds. As an example, a single subway car may have 10 screens with 3 screens being assigned to show a specific news channel video feed, (e.g. CNN), 4 screens being assigned to show a specific other broadcast network (e.g. NBC), and the rest being dedicated to show a youth oriented channel (e.g. MTV). The division of the number of screens dedicated to specific types of programming can be determined by the system operator with a view towards the possible viewers given the time of day. As an example, when students are likely to be the viewers, more screens would be dedicated to youth oriented programming.

To further lower deployment costs, manufacturers of the display screens could offer preferential pricing for their screens to those deploying and operating the system. Such a measure would provide the manufacturers free advertising as the public would be exposed to their product for free.

The audio portion of the system **10** operates in a similar manner with one important difference--end users can select which audio feed to access. As noted above, the audio feed signal is received by the audio transmission hubs **40A**, **40B**. The different audio feeds can be accessed by tuning into or isolating the relevant audio feed from the rest of the audio feed signal. This is what the telephone interface **50** does, along with automatically receiving end user telephone calls and automatically routing the relevant audio feed to the relevant end user telephone call. The telephone interface **50** has multiple tuners with each tuner isolating or tuning into one of the audio feeds in the audio feed

IPR2024-00731
APPLE EX1002 Page 118

signal. Upon a request by an end user who is calling in, the relevant audio feed is diverted or routed to this end user.

The telephone interface **50** acts as an access point for end users. End users can call into the telephone interface (with the relevant telephone number perhaps flashed on the video display screens) and access a specific audio feed. To present a complete audio visual experience in conjunction with that with what is being presented on the video display screens, at least one of the audio feeds could be synchronized with the presentation on the video display screens. As an example, if geographic area A is showing video show A1 on screens **90A-90C** and geographic area B is showing video show A2 on screens **901-90K**, end users in area A would need to access the audio feed synchronized the video show A1 while end users in the area B would need to access the audio feed synchronized to the video show A2. This may be done by an end user calling the telephone interface **50** and, after navigating an automated answering and menu system, accessing the relevant audio feed. This answering and menu system is well-known technology and is readily available. Thus, an end user in area A would, to get the proper audio visual experience, access a different audio feed from that accessed by an end user in area B. As yet another variant, the audio feed synchronized to a specific video show could be presented in different languages as separate audio feeds. As an example, video show A1 showing on screens **90A-90C** could be synchronized to three different audio feeds--one audio feed being in English, another audio feed being in French, and a third audio feed being in Chinese. As such, an end user could access anyone of the video feeds synchronized to that specific video show in the language of preference for the end user. Thus, a single video feed being presented in a specific geographic area could be accessible to people who do not necessarily speak the exact same language. Similarly, the closed captioning presented on the video display screens could be presented in multiple languages or, if one language is predominant in a specific area, the closed captioning could be presented in that single language. The technology for routing audio feeds synchronized to a video feed is currently available and used in passenger aircraft that provides in-flight entertainment. Adapting such technology with appropriate telephone menu technology will produce the requisite telephone interface described above.

IPR2024-00731
APPLE EX1002 Page 119

It should be noted that the audio feeds available need not all be synchronized to the video feeds. Other audio feeds, such as audio feeds that provide music, commentary, radio station feeds, and others, may be available, depending on the implementation. This system is ideally suited to be accessed by commuters with cellular or mobile phones **260**. Commuters, while on their morning or afternoon commute may view the video display screens inside the public transportation vehicle or in the stations while waiting for the vehicles. In concert with this, the commuters can use their mobile telephones to call the telephone interface and listen in on the audio portion of the program being presented in area **200** of the video display screen. Alternatively, the commuter may decide not to view the video program on the video display screen but merely listen to some other audio program being presented as a separate audio feed through his or her mobile telephone. However, the system need not be limited to mobile telephones. End users who have, ideally, a landline speaker phone may also access the telephone interface to listen to the different available audio feeds at work or at home. To address the different tastes of different types of people, themed audio feeds, such as all-sports, all-classical music, all-news or all-music (with different audio feeds for different types of music) may also be available. As an alternative, end users equipped with mobile telephones may receive the different audio feeds using Bluetooth or Wi-Fi (IEEE 802.11) technology.

To accommodate the different regions in a large geographic area, multiple telephone interface/audio transmission hubs may be implemented, with different telephone interfaces serving different areas.

To allow for a financially self-sustaining system, advertising space may be sold on either the video feeds (as explained above) or in the audio feeds. Advertisements may be sold on a per display screen basis, a regional coverage basis, or on a visibility (time visible on screen) basis. Similarly, subscription fees may be collected from end users who wish to access the audio feed. Alternatively, the system could be free to mobile telephone users with the operational and deployment costs being borne by advertisers and/or public transportation bodies.

IPR2024-00731
APPLE EX1002 Page 120

The system described above is flexible enough for many different types of advertising and promotions. As an example, advertisers could include in their advertising a specific telephone code which users may enter while listening to an audio feed. Entering the code would then automatically connect the end user to the advertiser's telephone call-in center so the end user can then take advantage of the offer (e.g. a vacation trip for a low promotional price). Alternatively, end users may establish an account, with their credit cards on file, with the operators of the system. These end users may then do their shopping over the telephone based on what is being advertised on the display screens. End user choices, such as the color, size, or type of merchandise, could be entered by the end user via the telephone keypad using specific telephone codes shown in the video feeds. To verify an end user's identity, PIN (personal identification numbers) could be associated with each end user account. Such PIN numbers would be required to validate/finalize the transaction before the end user's credit card is charged and before the item is shipped to the end user's on-file address or before the end user can pick up the item. As an alternative, an end user's bank account can be tied in with the end user's system account and the purchase price of the end-user's purchase can be automatically debited to from his/her bank account. The use of PIN numbers or some similar scheme for validation for this configuration would, of course, be required for security. End users can also be provided, by of way of their mobile telephone's screen, with different payment options. A dedicated PAY button on the mobile handset can be provided so that activation of this button brings up the end user's payment option.

The system also offers a myriad of advantages to society and the public in general. It may be used as part of a public broadcasting system to inform the populace of alerts or emergencies. It can also increase literacy as those without mobile phones will need to read the closed captioning and/or the text on-screen to determine what is being presented. It will also produce greater usage of public transportation vehicles as passengers are not only transported from one place to another but are also entertained. Such an increase in ridership may also augur an decrease in the number of vehicles on the road, thereby leading to a more environment-friendly society. The increased advertising may also lead to greater consumer spending, thereby fueling economic growth for the areas where the system is deployed.

IPR2024-00731
APPLE EX1002 Page 121

FIG. 4 shows a system **310** for acquiring goods and services and dispensing payment in any establishment.

The system **310** includes a POS (point-of-sale) terminal **320** that transmits its ID signal within the perimeter of a commercial establishment. To contain the signal within the boundaries of the establishment, special WI-FI paint can be used to prevent leakage of wireless signals elsewhere .

A portable telephone **330** equipped with an optical input **385**, such as a photo camera or scanner, includes a dedicated main actuator **360**, labeled in the illustrated embodiment with a suitable currency symbol, such as "$". Depending on the particular telephone, the main actuator **360** can be a button on a front face of the telephone or an icon on a touch screen of the phone. In some embodiments, the main actuator **360** includes the ability to move shift focus to different portions of a display screen by shifting up and down or left to right.

Software integrated into the telephone **330** and POS terminal **320** allows for computing and data exchange between the telephone **330** and the POS terminal **320**.

Actuating the main actuator **360** establishes a connection between the telephone **330** and the POS terminal **320** of a particular establishment. This causes the name of the establishment name **325** to be displayed. In addition, actuating the main actuator **360** causes additional navigational icons, such as a PAY icon **340** and a BUY actuator **350** to be displayed, as shown in FIG. 4.

When paying at a cash register, the customer selects the PAY icon **340**. This results in the display shown in FIG. 5, in which the customer sees a PAY indicator **341**, the establishment name **325**, a list of payment options **359a-d,** frame boxes **355A-D** for receiving additional data, and YES **370** and NO **390** navigational icons.

The teller commences scanning products into an establishment terminal (not shown) and announces to the customer the last two digits of an invoice or special code (e.g. "7D") generated by the terminal **310**. The customer then enters this special code in a

IPR2024-00731
APPLE EX1002 Page 122

frame box **355A** next to the selected method of payment, which in FIG. 5 is the VISA option **359A**.

Alternatively other choices of payment can be selected by entering last two digits of the special code into one of the frame boxes **355B-D** next to another selected form of payment **359B-D** . Available forms of payments can include various credit card companies, customer bank accounts, or systems analogous to PAYPAL. Once the code has been properly entered, the customer selects the YES option **370** to initiate further processing.

Referring now to FIG. 6, the display changes to now show the PAY indicator **341**, the establishment name **325**, selected method of payment **359** (in this case VISA), the amount **343**, invoice number **347**, and PIN box info **345**. The customer enters the PIN information **345** and selects an OK icon **375** to commence further processing.

After the processing and authorization **342** takes place, a final e-receipt is issued and stored on the telephone **330**, as shown in FIG. 7.

Referring again to FIG. 4, in another mode of operation relies on the BUY icon **350**. In this mode, which is used typically while shopping, the actuating the main actuator **360** establishes a connection with the POS terminal **320.**

In response, the screen of mobile phone **330** displays BUY mode **351** status, along with the establishment name **325**, and shopping instruction **353**, as shown in FIG. 8. In this mode, the customer aims the optical input **385** towards the barcode or special code **365** of the product or merchandise. With the optical input **385** thus aimed, the customer actuates the main actuator **360** to scan the barcode **365**. The price is then added to a retail bill **361.** This is for multiple items, with the end result being a running tally of selected items, as shown in FIG. 8.

To remove an item from this tally, the customer scans its barcode and selects the CANCEL icon **395**. Upon completion of shopping, the customer presses the PAY icon **340** to switch to PAY mode operation.

IPR2024-00731
APPLE EX1002 Page 123

Referring now to FIG. 9, in PAY mode **341,** the phone displays the establishment name **325**, invoice number **347**, list of items **361**, total cost **343,** and icons OK **375** and NO **390** to either proceed with or cancel the transaction.

Pressing the OK icon **375** causes the display to transition to the state shown in FIG. 10, in which it invites selection of a payment type. Pressing the OK icon, causes the display to transition to the state shown in FIG. 11, in which the display invites entry of the customer's PIN **345**. Activating the YES key **375** then finalizes the sale. Authorization takes place in the processing center and final e-receipt is issued and stored on end user's phone as shown previously in FIG.7

FIGS. 12-17 illustrate the use of the system in a dining establishment.

Referring first to FIG. 12, upon activating the main actuator **360**, connection is established between the phone **330** and the restaurant's POS/terminal **320**. This causes display of the restaurant's name **401,** navigational instruction **406** for using the dedicated main actuator **360,** and a PAY button **340** and BUY button **350** options for further selection.

Selecting PAY **340** causes the phone to initiate a transaction similar to that described in connection with FIGS. 4-7. The main distinction is that in the case of a restaurant, the server either brings a physical bill at the table or sends data representative of the bill to the customer's phone. This can be carried our, for example, upon obtaining the last four digits of the customer's telephone number.

Pressing BUY **350** causes the phone to initiate operation in a manner similar to that described in connection with FIGS. 8-11, with the difference being that no scanning of bar codes is necessary. Instead, a menu **410** is displayed, complete with its sub sections **411** (i.e. appetizers, pasta, fish, meat, drinks). In this state, the phone also displays YES **370** and NO **390** buttons.

To make selections from the menu, one scrolls up and down the menu **411** pressing the YES icon **370** either to select an item or to enter a sub-menu corresponding to one of the sub-sections **411**, as shown in FIG.13.

IPR2024-00731
APPLE EX1002 Page 124

Pressing OK icon **370** on selected item from the sub-menu automatically opens a BILL **480** screen containing an order list, as shown in FIG. 14, with each item having a frame **455** next to it for receiving information about how many units of that item are to be ordered. This data can be entered using the telephone's numeric keypad. The display further includes a frame **433** for receiving a table number (in this case table #9). This table number must be entered before selecting or ordering any items. Pressing the NO key **390** removes a selected item from the order list. Pressing the OK key **370** key returns to the sub-menu screen for further selections. Pressing the BILL key **480** icon allows viewing already selected items.

Once selections have been made, the customer presses the ORDER key **488** to send the full order information to the POS, as shown in FIG. 15.

In the case of restaurant dining, the customer order remains in open check status. After all, the customer may want more drinks, or perhaps even another entrée.

To modify or add on items, the customer presses the main actuator **360** followed by the BUY key **350**. This brings the customer to the menu selection shown in FIG.13. The customer then presses the OTHER icon from the sub menu **411** to make necessary changes, and presses the OK icon **370** to add new items to the total for the customer's table.

To make a payment, the customer presses a PAY button **340**. This causes display of a total due amount **444** and optional gratuity **443,** as shown in FIG.16.

Depending the amount spent and on how often the diner has visited restaurant, the system may provide a discount coupon may be issued, as shown in FIG.17. This coupon can be automatically applied the next time the customer dines at the restaurant.

The foregoing system provides numerous benefits to the public by eliminating or shortening queues at ATM in rush hours, carry cash, a wallet, plastic cards, and also by eliminating the time-consuming wait at the cash register to make payment.

IPR2024-00731
APPLE EX1002 Page 125

Encrypted software will be implemented to carry out safe and secure wireless transactions.

In case of lost phone, the phone's various functions remain protected by the PIN. In addition, a carrier has been notified of a lost or stolen phone can remotely erase all the data from phone.

A system as described above can be used for purchase of items, goods, products and services in a variety of locations such as, but not limited to, businesses/stores, supermarkets, gas stations, restaurants, shopping malls by entering, scanning, photographing, or copying a barcode or special price code using a mobile phone equipped with a scanner, reader, or camera.

Although various exemplary embodiments of the invention have been disclosed, it should be apparent to those skilled in the art that various changes and modifications can be made which will achieve some of the advantages of the invention without departing from the true scope of the invention.

A person understanding this invention may now conceive of alternative structures and embodiments or variations of the above all of which are intended to fall within the scope of the invention as defined in the claims that follow.

Having described the invention, and a preferred embodiment thereof, I now claim as new, and secured by letters patent:

IPR2024-00731
APPLE EX1002 Page 126

SCORE Placeholder Sheet for IFW Content

Application Number: 12596531 Document Date: 5/25/2011

The presence of this form in the IFW record indicates that the following document type was received in electronic format on the date identified above. This content is stored in the SCORE database.

- Drawings – Other than Black and White Line Drawings

Since this was an electronic submission, there is no physical artifact folder, no artifact folder is recorded in PALM, and no paper documents or physical media exist. The TIFF images in the IFW record were created from the original documents that are stored in SCORE.

To access the documents in the SCORE database, refer to instructions developed by SIRA.

At the time of document entry (noted above):

- Examiners may access SCORE content via the eDAN interface.
- Other USPTO employees can bookmark the current SCORE URL (http://es/ScoreAccessWeb/).
- External customers may access SCORE content via the Public and Private PAIR interfaces.

Form Revision Date: February 8, 2006

AUDIO/VISUAL INFORMATION DISSEMINATION SYSTEM

RELATED APPLICATIONS

This application is a continuation-in-part under 35 USC 120 of U.S. application 12/087,539, filed on July 9, 2008, which is the U.S. national stage application, under 35 USC 371, of PCT/CA2004/00513, filed on April 7, 2004, and a continuation-in-part of U.S. patent application 10,407,222, filed on Apr. 7, 2003, which issued as U.S. Pat. No. 7,606,215 on October 20, 2009, the contents of which are all herein incorporated by reference.

FIELD OF THE ~~INVENTION~~ DISCLOSURE

~~The present invention relates to information dissemination systems and is particularly applicable but is not limited to systems and methods for distributing information to the general public at publicly accessible locations.~~

This disclosure pertains to wireless networks, and in particular, to applications of wireless networks of a retail establishment.

BACKGROUND OF THE INVENTION

The ~~reason~~ recent communications revolution has increased the amount of data available to the public. The public's hunger for more and more information has been whetted by this excess of information.

Current systems for information dissemination, especially for disseminating to the members of the public who take public means of transportation, are currently inadequate. These systems are solely visual and static. Sandwich boards, billboards, and other very old static forms of advertising are used for such ends. However, as noted above, these systems are inadequate. Such static forms are purely visual and cannot be readily changed in response to changed conditions. Unfortunately, the ubiquity of televisions and computers have had a deleterious effect on the attention span of the average person. As such, current static systems are unable to keep people's attention.

Another major drawback of current systems is the lack of an audio component. Again, the proliferation of multi-media devices and the ubiquity of multi-media in today's society has the public ~~clamouring~~ clamoring for the same presentation type in almost all

IPR2024-00731
APPLE EX1002 Page 128

of their information input. While there are some information dissemination systems that integrate an audio portion (such as publicly accessible television sets), these can be intrusive and annoying to those who do not wish to take advantage of the system.

There is therefore a need for an information dissemination system that integrates both video and audio components while simultaneously avoiding becoming an annoyance to those not wishing to access the information being disseminated. Such an information dissemination system should also be dynamic in that modifying the information content should be relatively simple. Furthermore, the system should be able to keep end users (i.e. the public, especially those who are travelling in public transportation vehicles) occupied and should be able to hold their attention. Finally, it is also very desirable if such a system would be cost effective and financially self sustaining. It is therefore an object of the present invention to mitigate if not overcome the deficiencies of the prior art.

SUMMARY OF THE INVENTION

In one aspect, the invention features an apparatus for engaging in wireless commercial transactions. Such an apparatus includes a mobile phone equipped with a dedicated actuator for initiating a commercial transaction, and an optical input for receiving information concerning prices of goods; a network hub for wireless exchange information between a commercial establishment and said mobile phone within the boundaries of the establishment; and a financial/authorization institution for associating a PIN number with said mobile phone and for authorizing transactions initiated by said mobile phone.

These and other aspects of the invention will be apparent from the following detailed description and the accompanying drawings, in which:

~~The present invention relates to systems and methods for providing information to the public by way of publicly accessible devices. A network of video displays are deployed at publicly accessible locations such as inside public transportation vehicles or at public transportation stations. The video feed to these video displays are provided by a video distribution hub which receives the video feed from a network hub. Different audio~~

IPR2024-00731
APPLE EX1002 Page 129

~~feeds are accessible to end users or by telephone. End users can call a telephone interface which receives and routes audio feeds from an audio distribution hub. End users can access audio feeds which may be synchronized with a video feed to provide a complete audio visual experience to the end user. For more useful content, the video displayed at any location may be adjusted to be relevant to the area where the video display is deployed. Audio content synchronized to one of these disparate video feeds can be accessed by the end user by dialing different options through the telephone interface. Audio feeds not tied to a specific video feed, such as radio stations or themed audio feeds, may also be accessed by the end user through the telephone interface.~~

~~In a first aspect, the present invention provides a system for distributing information to the public, said information comprising at least one video feed and a plurality of audio feeds, the system comprising: a network hub for receiving said information from a source; a plurality of publicly viewable video display screens; at least one video distribution hub, the or each video distribution hub receiving one video feed from said network hub and transmitting said one video feed to at least one of said display screens; at least one audio distribution hub, the or each audio distribution hub receiving said plurality of audio feeds from said network hub, each of said audio feeds being accessible by end users; a telephone interface for receiving end user telephone call for accessing said plurality of audio feeds said telephone interface communicating with said at least one audio distribution hub, said telephone interface automatically routing audio feeds from said at least one audio distribution hub to said end user telephone calls based on end user input, wherein at least one audio feed is synchronized with one of the at least one video feed.~~

~~In a second aspect the present invention provides a system for providing at least one audio feed to end users, the system comprising: a network hub for receiving at least one audio feed; at least one audio distribution hub receiving said at least one audio feed from said network hub: a telephone interface for receiving telephone calls from said end users, said interface communicating with said at least one audio distribution hub and said telephone interface automatically routing said at least one audio feed to said telephone calls based oh input from said end users.~~

IPR2024-00731
APPLE EX1002 Page 130

BRIEF DESCRIPTION OF THE DRAWINGS

~~A better understanding of the invention will be obtained by considering the detailed description below, with reference to the following drawings in which:~~

FIG. 1 is a block diagram of a system for distributing information according to one aspect of the invention;

FIG. 2 is a block diagram of an example setup for a video display screen for use with the system of FIG. 1; and

FIG. 3 is a block diagram of another example set up for a video display screen for use with the system of FIG. 1.

FIGS. 4-7 show steps in making a wireless payment;

FIGS. 8-11 show steps in wireless shopping; and

FIGS. 12-17 is a block diagram of a system, when ordering and paying in a bar or restaurant.

DETAILED DESCRIPTION

Referring to FIG. 1, a block diagram of a system for distributing information is illustrated. The system has **10** has a network hub **20**, multiple video distribution hubs **30A-30E**, audio distribution hubs **40A**, **40B**, and at least one telephone interface **50**. The network hub receives multiple audio feeds **60**, video feeds **70**, and hub end combined audio/video feeds 80 from a variety of sources. These feeds are then separated into dedicated audio only and video-only feeds. The dedicated audio-only feeds are sent to the audio distribution hubs **40A**, **40B** while the dedicated video-only feeds are sent to the video distribution hubs **30A-30E**. At the video distribution hubs, the relevant video only feeds are transmitted to multiple video display screens **90A-90K** by transmitters 100A-100E. On the audio side, the telephone interface **50** receives the dedicated audio only feed and routes this to the telephone interface **50**. The telephone interface **50** receives telephone calls from end users who wish to access one of the audio feeds. The end users, who could be calling and using their mobile or cellular telephones, can select one of the

IPR2024-00731
APPLE EX1002 Page 131

available audio feeds. Based on the end user input, the interface **50** selects the relevant audio feed and routes this feed to the relevant end user.

The network hub **20** can be seen as an audio/video feed aggregator--it receives feeds from a variety of sources and collects and combines these feeds into two signals, a dedicated audio feed and a dedicated video feed. The sources from which the feeds originate may be legion--the feeds could come from the Internet, a cable TV provider, broadcast TV, broadcast radio, a dedicated video or audio signal specifically created for the system, or any other source. The network hub **20** separates the feeds depending on the content--video feeds are separated and routed differently from audio feeds using well-known methods and techniques. Video feeds are aggregated into a first single signal with different video feeds occupying different parts or frequencies of that first single signal. Audio feeds are aggregated into a second single signal with different audio feeds occupying different parts or frequencies of that second single signal. The video feed signal (the first single signal) is then transmitted to the video distribution hubs **30A-30E**. The audio feed signal (the second single signal) is transmitted to the audio distribution hubs **40A**, **40B**.

Regarding the video distribution hubs **30A-30E**, each one can "tune" into or isolate one of the video fees aggregated into the video feed signal from the network hub **20**. The video feed that a distribution hub tunes into is then passed to a corresponding transmitter. A transmitter then transmits the video feed to multiple video display screens. Each video distribution hub **30A-30E** can be a video tuner which tunes to a specific video feed in the video feed signal. Such tuners are well-known in the art.

The transmitters 100A-100E may be, depending on the implementation, wireless, wired, or optical transmitters. The transmitters 100A-100E transmit the isolated or tuned into video feed to the different video display screens. Each video transmission hub and transmitter combination services video display screens located at a specific geographic area. Thus, one geographic area may have display screens **90A**, **90B**, **90C**, showing video feed A as tuned to by video transmission hub **30A** while another geographic area may have display screens **90G**, **90H** showing video feed B as tuned to by video transmission

IPR2024-00731
APPLE EX1002 Page 132

hub **30D**. Such an arrangement allows area--or region--centric video feeds to be distributed to the proper areas. Such an arrangement also allows the system to quickly change what is being shown in the video display screen in a specific area. As an example, if an important bulletin alert occurs and is in a video Q, all of the video distribution hubs **30A-30E** could automatically switch to video feed Q, ensuring quick dissemination of the bulletin alert to the video display screens serviced by video transmission hubs **30A-30E**. Similarly, if the video feed to be sent to a specific geographic area is to be changed, then only the transmission hub which services that specific geographic area needs to have any changes made. That transmission hub may merely need to tune into a different video feed.

It should be noted that, to assist the viewing public in determining the content of the video feed being shown on the display screens, each video feed can be provided with closed captioning. This way, viewers can read the text of the audio for the video feed. It should further be noted that advertising and other relevant data may be inserted into each of the video feeds. This may be done by dividing the visual representation of the video feed into separate areas, with each area being provided with different data. As an example, FIG. 2 illustrates one possible configuration of the visual representation. Area **200** may have the actual moving video being presented (such as a newscast, a situation comedy, or a soap opera program). Area 210 may present the weather forecast for the city, area 220 may present a stock market report and area 230 may present sports scores. Area 240 may be reserved for the closed captioning for the video in area **200** and area **250** may be provided for advertisements that are targeted to the end users. As noted above, the video portions of the presentation (presented in area **200**) may be different for different areas. Similarly, different advertisements may be presented for different geographic areas. Ideally, up to 3/4 of the display screen may be devoted to advertising space. Devoting such a high proportion of the screen to revenue generating advertising should produce enough revenue for the operation of the system.

Referring to FIG. 3, an alternative arrangement fro the visual representational is illustrated. As can be seen, the main area of the screen is divided into multiple areas 200A, 200B, 200C, 200D. Each area may be dedicated to a different network video feed

IPR2024-00731
APPLE EX1002 Page 133

so that end users may have their choice of which program to view. Each video feed has its own audio feed which may be accessed by an end user as will be explained below.

Regarding the video display screens **90A-90K**, these display screens are ideally deployed at publicly viewable areas. These may be deployed inside public transportation vehicles such as subway cars and buses and they may be deployed as static installations in subway/bus stations, busy street corners, and other areas of populace concentration. Plasma display screens may be used as the display screens and, in one embodiment, such screens may be hardened and configured to withstand the elements for an outside deployment. Such a deployment may be placed outside moving vehicles such as buses, thereby providing information dissemination to not only commuters inside the vehicle but commuters outside the vehicle as well. For such mobile deployments, wireless technology may be used to transmit the video feed to the video display screens. For static deployments, wired technology such as cable, optical, and other well-known technologies, may be used for the transmission of the video feed to the video display screens. Other static deployments such as inside public transportation vehicles may use flat computer monitors to minimize deployment costs.

To avoid end user confusion due to the multiplicity of programs on a single screen as shown in FIG. 3 static deployments inside transportation stations (e.g. train stations, bus stations, subway stations) and inside transportation vehicles may use multiple display screens with specific screens being dedicated to specific network video feeds. As an example, a single subway car may have 10 screens with 3 screens being assigned to show a specific news channel video feed, (e.g. CNN), 4 screens being assigned to show a specific other broadcast network (e.g. NBC), and the rest being dedicated to show a youth oriented channel (e.g. MTV). The division of the number of screens dedicated to specific types of programming can be determined by the system operator with a view towards the possible viewers given the time of day. As an example, when students are likely to be the viewers, more screens would be dedicated to youth oriented programming.

To further lower deployment costs, manufacturers of the display screens could offer preferential pricing for their screens to those deploying and operating the system.

IPR2024-00731
APPLE EX1002 Page 134

Such a measure would provide the manufacturers free advertising as the public would be exposed to their product for free.

The audio portion of the system **10** operates in a similar manner with one important difference--end users can select which audio feed to access. As noted above, the audio feed signal is received by the audio transmission hubs **40A**, **40B**. The different audio feeds can be accessed by tuning into or isolating the relevant audio feed from the rest of the audio feed signal. This is what the telephone interface **50** does, along with automatically receiving end user telephone calls and automatically routing the relevant audio feed to the relevant end user telephone call. The telephone interface **50** has multiple tuners with each tuner isolating or tuning into one of the audio feeds in the audio feed signal. Upon a request by an end user who is calling in, the relevant audio feed is diverted or routed to this end user.

The telephone interface **50** acts as an access point for end users. End users can call into the telephone interface (with the relevant telephone number perhaps flashed on the video display screens) and access a specific audio feed. To present a complete audio visual experience in conjunction with that with what is being presented on the video display screens, at least one of the audio feeds could be synchronized with the presentation on the video display screens. As an example, if geographic area A is showing video show A1 on screens **90A-90C** and geographic area B is showing video show A2 on screens **901-90K**, end users in area A would need to access the audio feed synchronized the video show A1 while end users in the area B would need to access the audio feed synchronized to the video show A2. This may be done by an end user calling the telephone interface **50** and, after navigating an automated answering and menu system, accessing the relevant audio feed. This answering and menu system is well-known technology and is readily available. Thus, an end user in area A would, to get the proper audio visual experience, access a different audio feed from that accessed by an end user in area B. As yet another variant, the audio feed synchronized to a specific video show could be presented in different languages as separate audio feeds. As an example, video show A1 showing on screens **90A-90C** could be synchronized to three different audio feeds--one audio feed being in English, another audio feed being in French, and a

IPR2024-00731
APPLE EX1002 Page 135

third audio feed being in Chinese. As such, an end user could access anyone of the video feeds synchronized to that specific video show in the language of preference for the end user. Thus, a single video feed being presented in a specific geographic area could be accessible to people who do not necessarily speak the exact same language. Similarly, the closed captioning presented on the video display screens could be presented in multiple languages or, if one language is predominant in a specific area, the closed captioning could be presented in that single language. The technology for routing audio feeds synchronized to a video feed is currently available and used in passenger aircraft that provides in-flight entertainment. Adapting such technology with appropriate telephone menu technology will produce the requisite telephone interface described above.

It should be noted that the audio feeds available need not all be synchronized to the video feeds. Other audio feeds, such as audio feeds that provide music, commentary, radio station feeds, and others, may be available, depending on the implementation. This system is ideally suited to be accessed by commuters with cellular or mobile phones **260**. Commuters, while on their morning or afternoon commute may view the video display screens inside the public transportation vehicle or in the stations while waiting for the vehicles. In concert with this, the commuters can use their mobile telephones to call the telephone interface and listen in on the audio portion of the program being presented in area **200** of the video display screen. Alternatively, the commuter may decide not to view the video program on the video display screen but merely listen to some other audio program being presented as a separate audio feed through his or her mobile telephone. However, the system need not be limited to mobile telephones. End users who have, ideally, a landline speaker phone may also access the telephone interface to listen to the different available audio feeds at work or at home. To address the different tastes of different types of ~~peoples~~ people, themed audio feeds, such as all-sports, all-classical music, all-news or all-music (with different audio feeds for different types of music) may also be available. As an alternative, end users equipped with mobile telephones may receive the different audio feeds using Bluetooth or Wi-Fi (IEEE 802.11) technology.

IPR2024-00731
APPLE EX1002 Page 136

To accommodate the different regions in a large geographic area, multiple telephone interface/audio transmission hubs may be implemented, with different telephone interfaces serving different areas.

To allow for a financially self-sustaining system, advertising space may be sold on either the video feeds (as explained above) or in the audio feeds. Advertisements may be sold on a per display screen basis, a regional coverage basis, or on a visibility (time visible on screen) basis. Similarly, subscription fees may be collected from end users who wish to access the audio feed. Alternatively, the system could be free to mobile telephone users with the operational and deployment costs being borne by advertisers and/or public transportation bodies.

The system described above is flexible enough for many different types of advertising and promotions. As an example, advertisers could include in their advertising a specific telephone code which users may enter while listening to an audio feed. Entering the code would then automatically connect the end user to the advertiser's telephone call-in center so the end user can then take advantage of the offer (e.g. a vacation trip for a low promotional price). Alternatively, end users may establish an account, with their credit cards on file, with the operators of the system. These end users may then do their shopping over the telephone based on what is being advertised on the display screens. End user choices, such as the ~~colour~~ color, size, or type of merchandise, could be entered by the end user via the telephone keypad using specific telephone codes shown in the video feeds. To verify an end user's identity, PIN (personal identification numbers) could be associated with each end user account. Such PIN numbers would be required to validate/finalize the transaction before the end user's credit card is charged and before the item is shipped to the end user's on-file address or before the end user can pick up the item. As an alternative, an end user's bank account can be tied in with the end user's system account and the purchase price of the end-user's purchase can be automatically debited to from his/her bank account. The use of PIN numbers or some similar scheme for validation for this configuration would, of course, be required for security. End users can also be provided, by of way of their mobile telephone's screen,

IPR2024-00731
APPLE EX1002 Page 137

with different payment options. A dedicated PAY button on the mobile handset can be provided so that activation of this button brings up the end user's payment option.

The system also offers a myriad of advantages to society and the public in general. It may be used as part of a public broadcasting system to inform the populace of alerts or emergencies. It can also increase literacy as those without mobile phones will need to read the closed captioning and/or the text on-screen to determine what is being presented. It will also produce greater usage of public transportation vehicles as passengers are not only transported from one place to another but are also entertained. Such an increase in ridership may also augur an decrease in the number of vehicles on the road, thereby leading to a more environment-friendly society. The increased advertising may also lead to greater consumer spending, thereby fueling economic growth for the areas where the system is deployed.

FIG. 4 shows a system **310** for acquiring goods and services and dispensing payment in any establishment.

The system **310** includes a POS (point-of-sale) terminal **320** that transmits its ID signal within the perimeter of a commercial establishment. To contain the signal within the boundaries of the establishment, special WI-FI paint can be used to prevent leakage of wireless signals elsewhere .

A portable telephone **330** equipped with an optical input **385**, such as a photo camera or scanner, includes a dedicated main actuator **360**, labeled in the illustrated embodiment with a suitable currency symbol, such as "$". Depending on the particular telephone, the main actuator **360** can be a button on a front face of the telephone or an icon on a touch screen of the phone. In some embodiments, the main actuator **360** includes the ability to move shift focus to different portions of a display screen by shifting up and down or left to right.

Software integrated into the telephone **330** and POS terminal **320** allows for computing and data exchange between the telephone **330** and the POS terminal **320**.

IPR2024-00731
APPLE EX1002 Page 138

Actuating the main actuator **360** establishes a connection between the telephone **330** and the POS terminal **320** of a particular establishment. This causes the name of the establishment name **325** to be displayed. In addition, actuating the main actuator **360** causes additional navigational icons, such as a PAY icon **340** and a BUY actuator **350** to be displayed, as shown in FIG. 4.

When paying at a cash register, the customer selects the PAY icon **340**. This results in the display shown in FIG. 5, in which the customer sees a PAY indicator **341**, the establishment name **325**, a list of payment options **359a-d,** frame boxes **355A-D** for receiving additional data, and YES **370** and NO **390** navigational icons.

The teller commences scanning products into an establishment terminal (not shown) and announces to the customer the last two digits of an invoice or special code (e.g. "7D") generated by the terminal **310**. The customer then enters this special code in a frame box **355A** next to the selected method of payment, which in FIG. 5 is the VISA option **359A**.

Alternatively other choices of payment can be selected by entering last two digits of the special code into one of the frame boxes **355B-D** next to another selected form of payment **359B-D** . Available forms of payments can include various credit card companies, customer bank accounts, or systems analogous to PAYPAL. Once the code has been properly entered, the customer selects the YES option **370** to initiate further processing.

Referring now to FIG. 6, the display changes to now show the PAY indicator **341**, the establishment name **325**, selected method of payment **359** (in this case VISA), the amount **343**, invoice number **347**, and PIN box info **345**. The customer enters the PIN information **345** and selects an OK icon **375** to commence further processing.

After the processing and authorization **342** takes place, a final e-receipt is issued and stored on the telephone **330**, as shown in FIG. 7.

IPR2024-00731
APPLE EX1002 Page 139

Referring again to FIG. 4, in another mode of operation relies on the BUY icon **350**. In this mode, which is used typically while shopping, the actuating the main actuator **360** establishes a connection with the POS terminal **320.**

In response, the screen of mobile phone **330** displays BUY mode **351** status, along with the establishment name **325**, and shopping instruction **353**, as shown in FIG. 8. In this mode, the customer aims the optical input **385** towards the barcode or special code **365** of the product or merchandise. With the optical input **385** thus aimed, the customer actuates the main actuator **360** to scan the barcode **365**. The price is then added to a retail bill **361.** This is for multiple items, with the end result being a running tally of selected items, as shown in FIG. 8.

To remove an item from this tally, the customer scans its barcode and selects the CANCEL icon **395**. Upon completion of shopping, the customer presses the PAY icon **340** to switch to PAY mode operation.

Referring now to FIG. 9, in PAY mode **341,** the phone displays the establishment name **325**, invoice number **347**, list of items **361**, total cost **343,** and icons OK **375** and NO **390** to either proceed with or cancel the transaction.

Pressing the OK icon **375** causes the display to transition to the state shown in FIG. 10, in which it invites selection of a payment type. Pressing the OK icon, causes the display to transition to the state shown in FIG. 11, in which the display invites entry of the customer's PIN **345**. Activating the YES key **375** then finalizes the sale. Authorization takes place in the processing center and final e-receipt is issued and stored on end user's phone as shown previously in FIG.7

FIGS. 12-17 illustrate the use of the system in a dining establishment.

Referring first to FIG. 12, upon activating the main actuator **360**, connection is established between the phone **330** and the restaurant's POS/terminal **320**. This causes display of the restaurant's name **401,** navigational instruction **406** for using the dedicated main actuator **360,** and a PAY button **340** and BUY button **350** options for further selection.

IPR2024-00731
APPLE EX1002 Page 140

Selecting PAY **340** causes the phone to initiate a transaction similar to that described in connection with FIGS. 4-7. The main distinction is that in the case of a restaurant, the server either brings a physical bill at the table or sends data representative of the bill to the customer's phone. This can be carried our, for example, upon obtaining the last four digits of the customer's telephone number.

Pressing BUY **350** causes the phone to initiate operation in a manner similar to that described in connection with FIGS. 8-11, with the difference being that no scanning of bar codes is necessary. Instead, a menu **410** is displayed, complete with its sub sections **411** (i.e. appetizers, pasta, fish, meat, drinks). In this state, the phone also displays YES **370** and NO **390** buttons.

To make selections from the menu, one scrolls up and down the menu **411** pressing the YES icon **370** either to select an item or to enter a sub-menu corresponding to one of the sub-sections **411**, as shown in FIG.13.

Pressing OK icon **370** on selected item from the sub-menu automatically opens a BILL **480** screen containing an order list, as shown in FIG. 14, with each item having a frame **455** next to it for receiving information about how many units of that item are to be ordered. This data can be entered using the telephone's numeric keypad. The display further includes a frame **433** for receiving a table number (in this case table #9). This table number must be entered before selecting or ordering any items. Pressing the NO key **390** removes a selected item from the order list. Pressing the OK key **370** key returns to the sub-menu screen for further selections. Pressing the BILL key **480** icon allows viewing already selected items.

Once selections have been made, the customer presses the ORDER key **488** to send the full order information to the POS, as shown in FIG. 15.

In the case of restaurant dining, the customer order remains in open check status. After all, the customer may want more drinks, or perhaps even another entrée.

To modify or add on items, the customer presses the main actuator **360** followed by the BUY key **350**. This brings the customer to the menu selection shown in FIG.13.

IPR2024-00731
APPLE EX1002 Page 141

The customer then presses the OTHER icon from the sub menu **411** to make necessary changes, and presses the OK icon **370** to add new items to the total for the customer's table.

To make a payment, the customer presses a PAY button **340**. This causes display of a total due amount **444** and optional gratuity **443,** as shown in FIG.16.

Depending the amount spent and on how often the diner has visited restaurant, the system may provide a discount coupon may be issued, as shown in FIG.17. This coupon can be automatically applied the next time the customer dines at the restaurant.

The foregoing system provides numerous benefits to the public by eliminating or shortening queues at ATM in rush hours, carry cash, a wallet, plastic cards, and also by eliminating the time-consuming wait at the cash register to make payment.

Encrypted software will be implemented to carry out safe and secure wireless transactions.

In case of lost phone, the phone's various functions remain protected by the PIN. In addition, a carrier has been notified of a lost or stolen phone can remotely erase all the data from phone.

A system as described above can be used for purchase of items, goods, products and services in a variety of locations such as, but not limited to, businesses/stores, supermarkets, gas stations, restaurants, shopping malls by entering, scanning, photographing, or copying a barcode or special price code using a mobile phone equipped with a scanner, reader, or camera.

Although various exemplary embodiments of the invention have been disclosed, it should be apparent to those skilled in the art that various changes and modifications can be made which will achieve some of the advantages of the invention without departing from the true scope of the invention.

IPR2024-00731
APPLE EX1002 Page 142

A person understanding this invention may now conceive of alternative structures and embodiments or variations of the above all of which are intended to fall within the scope of the invention as defined in the claims that follow.

Having described the invention, and a preferred embodiment thereof, I now claim as new, and secured by letters patent:

IPR2024-00731
APPLE EX1002 Page 143

CLAIMS

1. An apparatus for engaging in wireless commercial transactions, said apparatus comprising:

a mobile phone equipped with a dedicated actuator for initiating a commercial transaction, and an optical input for receiving information concerning prices of goods;

a network hub for wireless exchange information between a commercial establishment and said mobile phone within the boundaries of the establishment;

a financial/authorization institution for associating a PIN number with said mobile phone and for authorizing transactions initiated by said mobile phone.

IPR2024-00731
APPLE EX1002 Page 144

ABSTRACT

An apparatus for engaging in wireless commercial transactions includes a mobile phone equipped with a dedicated actuator for initiating a commercial transaction, and an optical input for receiving information concerning prices of goods; a network hub for wireless exchange information between a commercial establishment and said mobile phone within the boundaries of the establishment; and a financial/authorization institution for associating a PIN number with said mobile phone and for authorizing transactions initiated by said mobile phone.

~~Systems and methods for providing information to the public by way of publicly accessible devices. A network of video displays are deployed at publicly accessible locations such as inside public transportation vehicles or at public transportation stations. The video feed to these video displays are provided by a video distribution hub which receives the video feed from a network hub. Different audio feeds are accessible to end users or by telephone. End users can call a telephone interface which receives and routes audio feeds from an audio distribution hub. End users can access audio feeds which may be synchronized with a video feed to provide a complete audio visual experience to the end user. For more useful content, the video displayed at any location may be adjusted to be relevant to the area where the video display is deployed. Audio content synchronized to one of these disparate video feeds can be accessed by the end user by dialing different options through the telephone interface. Audio feeds not tied to a specific video feed, such as radio stations or themed audio feeds, may also be accessed by the end user through the telephone interface.~~

IPR2024-00731
APPLE EX1002 Page 145

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	: Paul Poniatowski	Art Unit	: Not yet assigned
Serial No.	: 12/596,531	Examiner	: Not yet assigned
Filed	: October 19, 2009	Conf. No.	: 2588
Title	: Mobile Payment System		

MAIL STOP MISSING PARTS
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO NOTICE TO FILE MISSING PARTS

In response to the Notice to File Missing Parts of Application under 37 C.F.R. §1.53(b) mailed January 25, 2011, the response period of which is extended to May 25, 2011 by Rule 1.136, applicant as a small entity submits herewith the following:

☒ Payment of the basic filing fee of $165;

☒ Payment of the search fee of $270;

☒ Payment of the examination fee of $110;

☒ Payment of the surcharge of $65 for late filing of the basic filing fee and/or declaration;

☒ A Declaration by the Inventor in compliance with 37 C.F.R. §1.63;

☒ Supplemental Application Data Sheet;

☒ Substitute Specification (clean copy);

☒ Substitute Specification (marked up copy);

☒ Replacement Drawings

It is understood that this perfects the application and no additional papers or filing fees are required.

The substitute specification shows insertions and deletions made to the specification of PCT/CA2004/000513, which was filed with this application, and which

also includes the text of US Application 10/407,222, which was also filed with this application. Since pending US application 12/087,539 includes the text of this PCT application, the claim of priority is amended to refer also to 12/087,539.

This application was also filed with: (1) three pages of figures, with considerable text, and (2) an additional six pages of specification set in a sans serif font that begins with an abstract and ends with twelve claims. The insertions shown in the substitute specification express subject matter disclosed in both the originally filed figures and the sans-serif portion of the specification as filed. Therefore, the substitute specification does not include new matter. The new figures correspond to the three pages of figures originally filed with this application, and therefore do not constitute new matter.

Applicant requests a two-month extension pursuant to Rule 1.136, up to and including May 25, 2011, for responding to this notice. The total fee in the amount of $610 and the Petition for Extension of Time fee in the amount of $245 is being paid concurrently herewith on the Electronic Filing System (EFS) by way of Deposit Account authorization. Please apply any other charges or credits to Deposit Account No. 50-4189, referencing Attorney Docket No. 30071-002001.

Respectfully submitted,

Date: May 25, 2011

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Paul Poniatowski
Application Serial No.: 12/596,531
Filed: October 19, 2009
Title: Mobile Payment System

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DECLARATION BY THE INVENTOR

As a below-named inventor(s), I hereby declare that:

My residence, post office address and citizenship are as stated next to my name.

I believe I am the original, first and sole inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

MOBILE PAYMENT SYSTEM

the specification of which:

[x] was filed on October 19, 2009, as Application Serial No. 12/596,531.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim the benefit under Title 35, United States Code, §119(e)(1) of the United States provisional application listed below:

U.S. Serial No.	Filing Date	Status

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information I know to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

U.S. Serial No.	Filing Date	Status
10/407,222	April 7, 2003	Issued
12/087,539	July 9, 2008	Pending

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of

America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

Country	Application No.	Filing Date	Priority Claimed
PCT	PCT/CA2004/00513	April 7, 2004	[x] Yes [ ]
			[ ] Yes [ ]

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Date: May 24, 2011	/ Paul Poniatowski /
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DECLARATION BY THE INVENTOR
Attorney Docket No. 30071-002001

Electronic Acknowledgement Receipt

EFS ID:	10166188
Application Number:	12596531
International Application Number:	
Confirmation Number:	2588
Title of Invention:	Mobile Payment System (MPS)
First Named Inventor/Applicant Name:	Paul Poniatowski
Customer Number:	69713
Filer:	Faustino A. Lichauco/Melissa Simpson
Filer Authorized By:	Faustino A. Lichauco
Attorney Docket Number:	30071-002001
Receipt Date:	25-MAY-2011
Filing Date:	19-OCT-2009
Time Stamp:	13:56:54
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	$772
RAM confirmation Number	11211
Deposit Account	504189
Authorized User	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)

1		30071-002001-RespMP.pdf	225715 33ed959d46d6dd476c0ca478b3ad8279e4c9f6e5	yes	5

Multipart Description/PDF files in .zip description		
Document Description	**Start**	**End**
Applicant Response to Pre-Exam Formalities Notice	1	2
Application Data Sheet	3	5

Warnings:					
Information:					
2	Drawings-only black and white line drawings	30071-002001-figs_color.pdf	2539431 05d044be0680bcddd8b67a1a566fb7cb7ca86511	no	4
Warnings:					
Information:					
3	Specification	30071-002001-substitute_spec-.pdf	67689 e8bdf172e475c56e539b852f7396cae85bfb03d8	no	18
Warnings:					
Information:					
4	Specification	30071-002001-substitute_spec_clean-.pdf	59108 5be254968c8b36fd5cdd656ea0ea06489cbfbd45	no	16
Warnings:					
Information:					
5	Oath or Declaration filed	30071-002001-Dec-.pdf	26752 d60f784aefe8e4ceb8bcc3493e40ed1d12ce4174	no	2
Warnings:					
Information:					
6	Fee Worksheet (PTO-875)	fee-info.pdf	38192 8987bfe99b0252ca345b7f6595590df06e58e22c	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	2956887		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

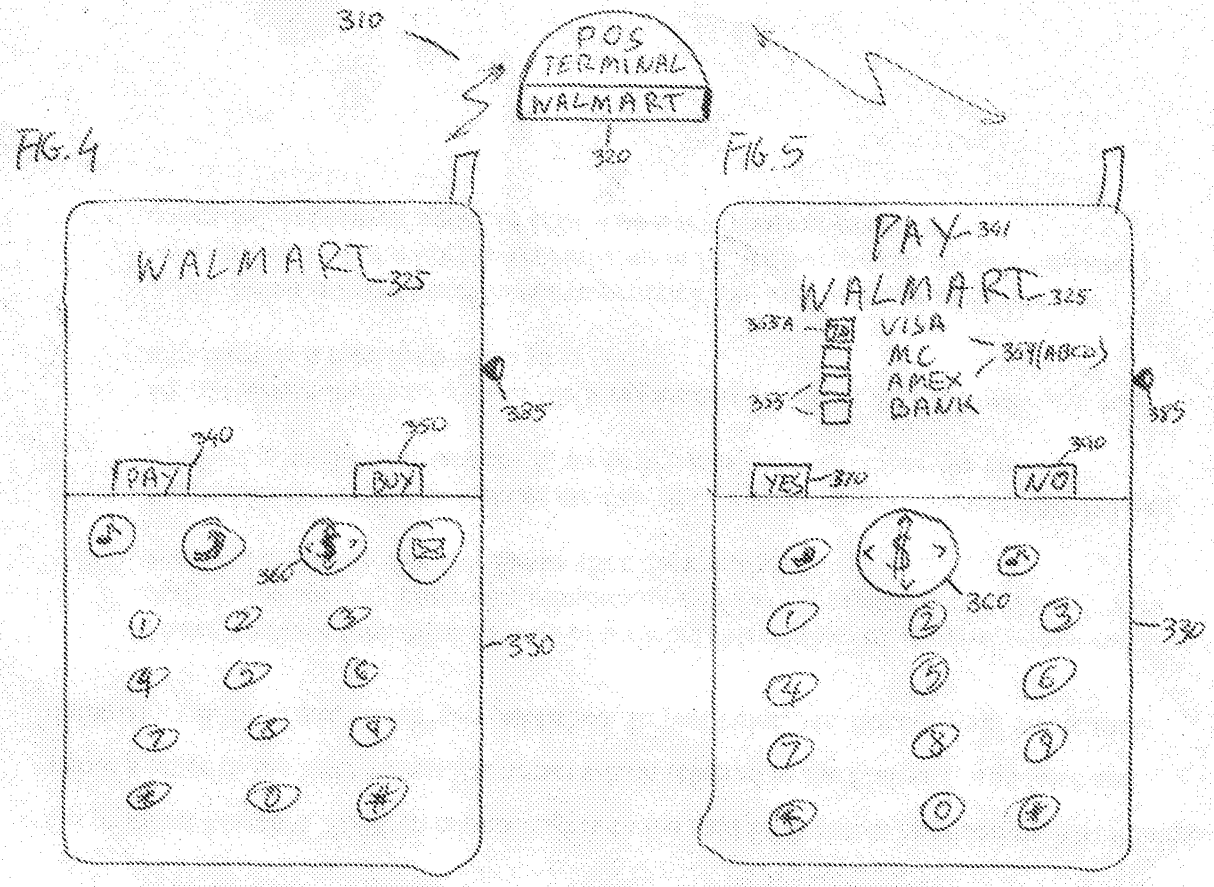


FIG. 4

FIG. 5

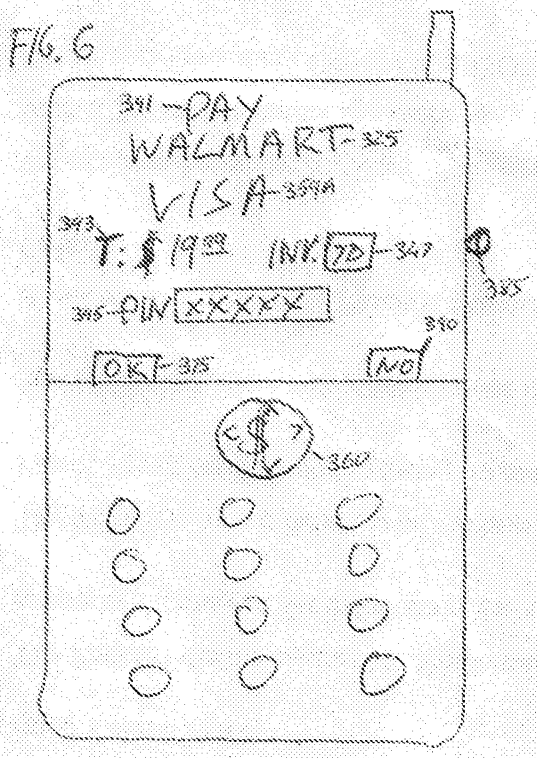


FIG. 6

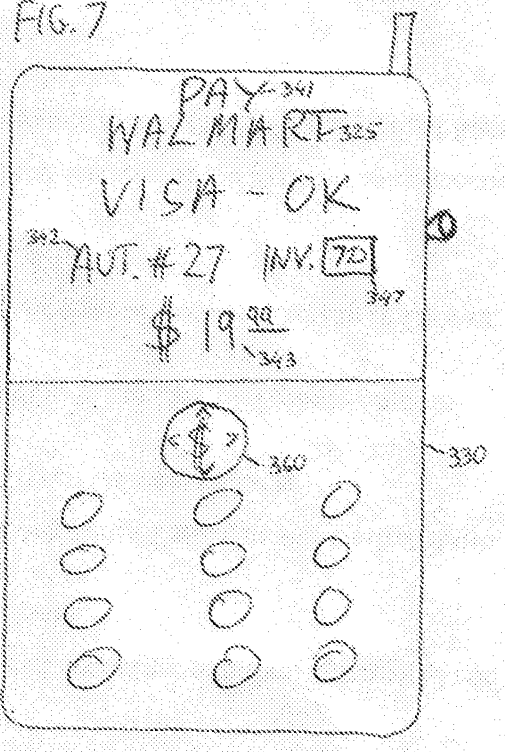
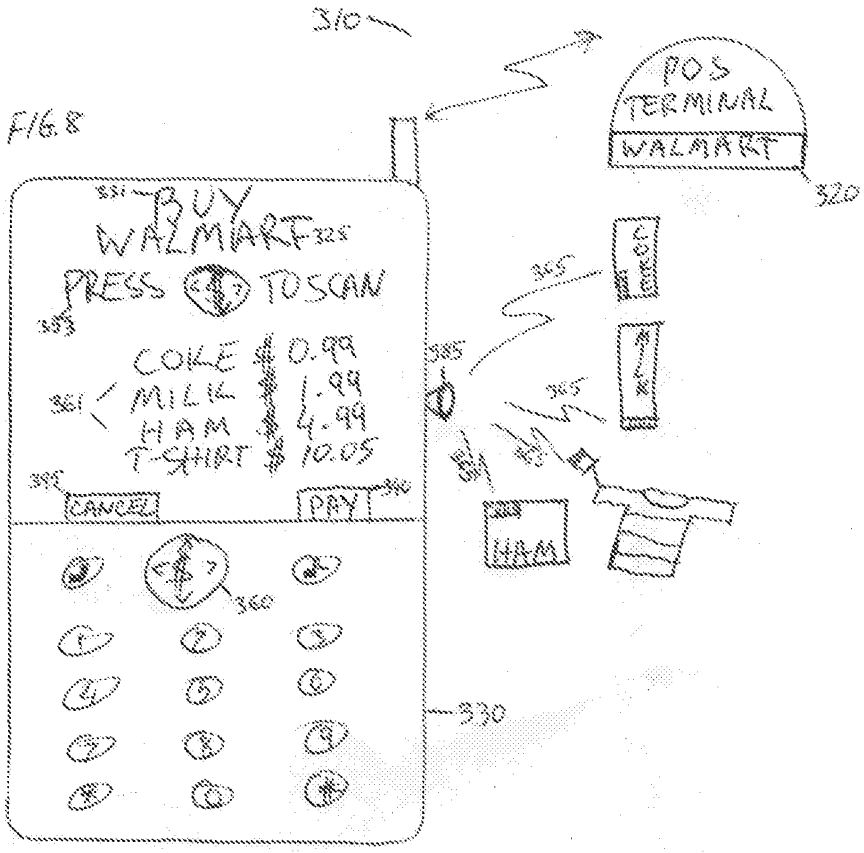
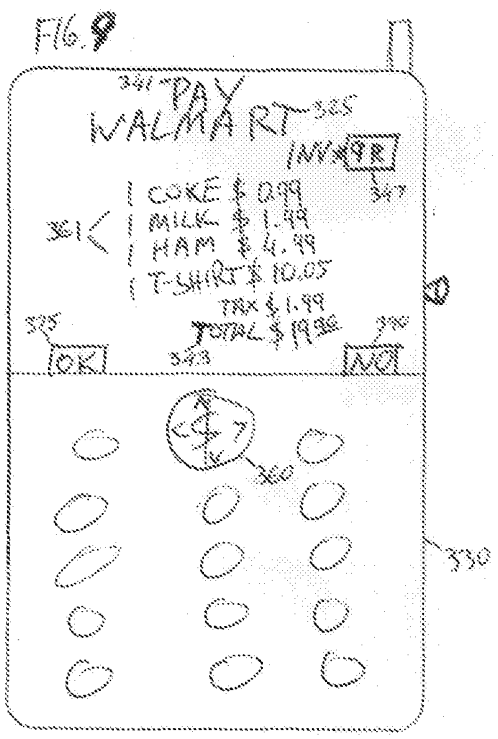
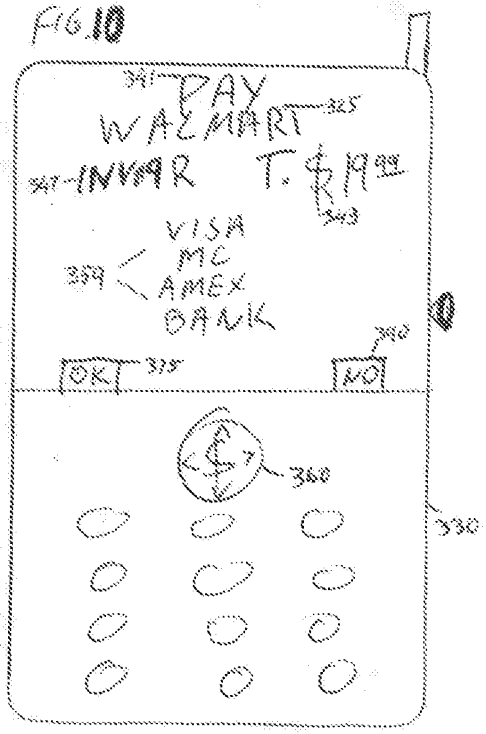


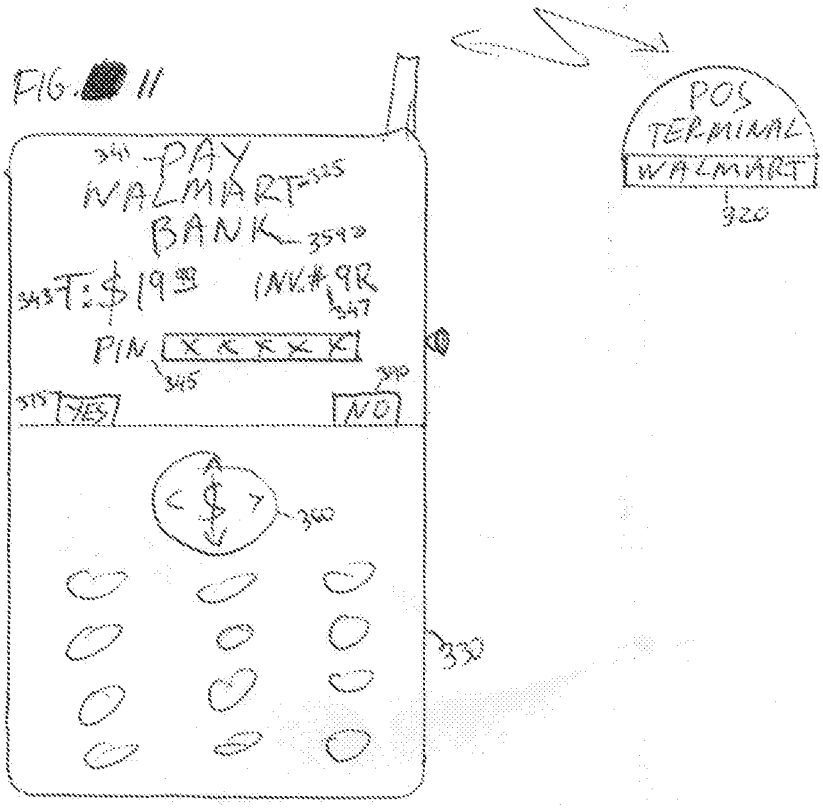
FIG. 7

IPR2024-00731
APPLE EX1002 Page 153


310
FIG. 8
POS TERMINAL
WALMART
320
331
BUY WALMART 325
PRESS TO SCAN
335
COKE $ 0.99
MILK $ 1.99
HAM $ 4.99
T-SHIRT $ 10.05
345
CANCEL
PAY
350
360
330
365
HAM


FIG. 9
341
PAY WALMART 325
INV 98
347
361
1 COKE $ 0.99
1 MILK $ 1.99
1 HAM $ 4.99
1 T-SHIRT $ 10.05
TAX $ 1.99
TOTAL $ 19.99
345
CR
343
MO
350
360
330


FIG. 10
341
PAY WALMART 325
INV 98
T. $ 19.99
343
VISA
MC
AMEX
BANK
339
CR
315
MO
350
360
330


FIG. 11
341
PAY
WALMART 345
BANK 349
AMT: $19.99
INV.# 9R
347
PIN
XXXXXX
345
YES
315
NO
310
360
330
POS
TERMINAL
WALMART
320

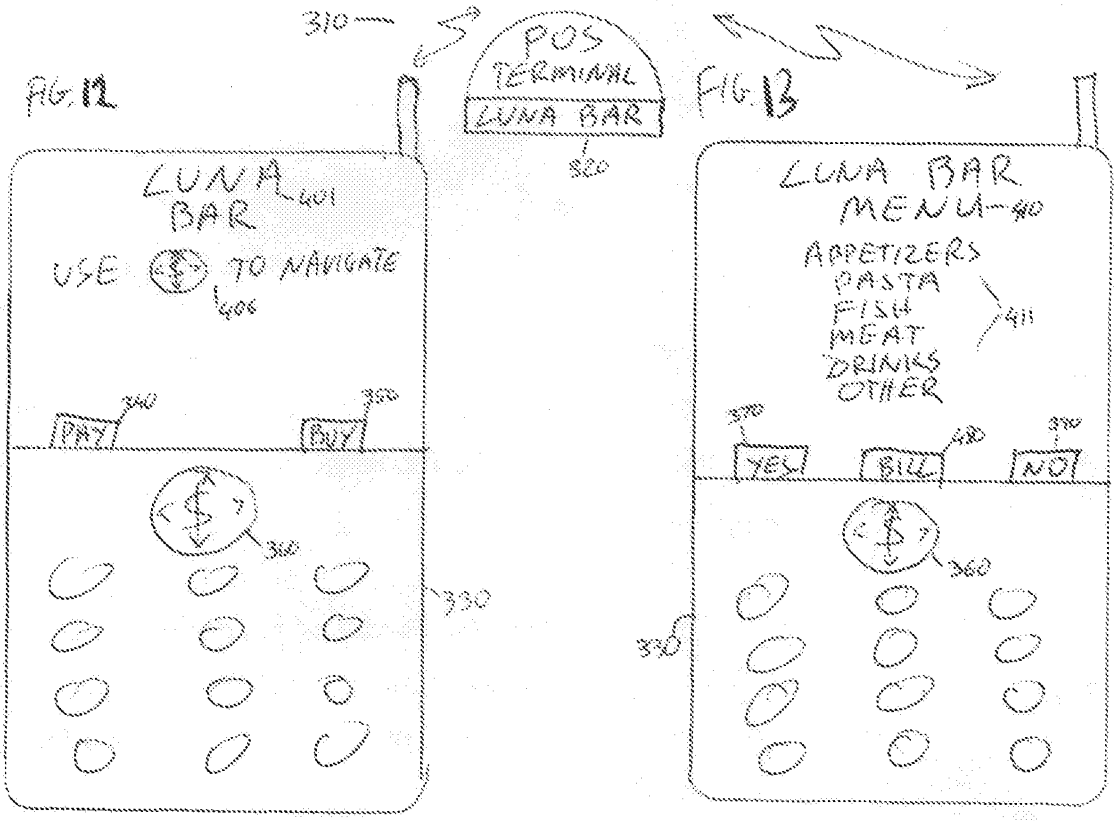

310
POS
TERMINAL
LUNA BAR
320
FIG. 12
LUNA
BAR 401
USE TO NAVIGATE
406
PAY
340
BUY
350
360
330
FIG. 13
LUNA BAR
MENU 410
APPETIZERS
PASTA
FISH
MEAT
DRINKS
OTHER
411
YES
370
BILL
430
NO
370
360
330

FIG. 14

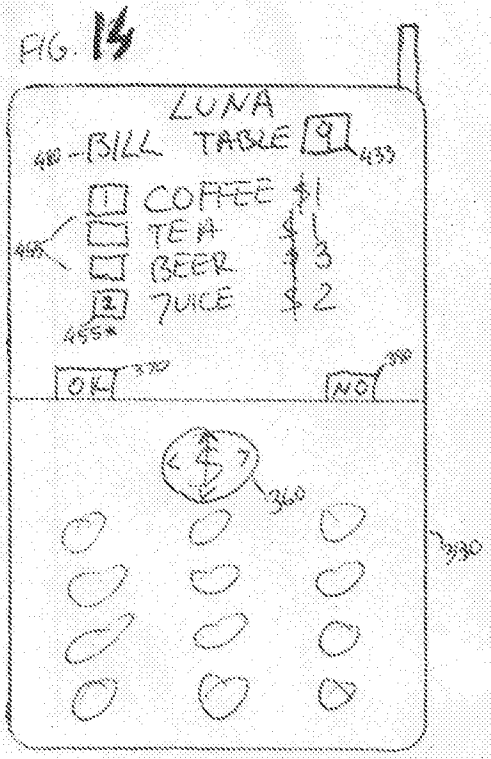


FIG. 15

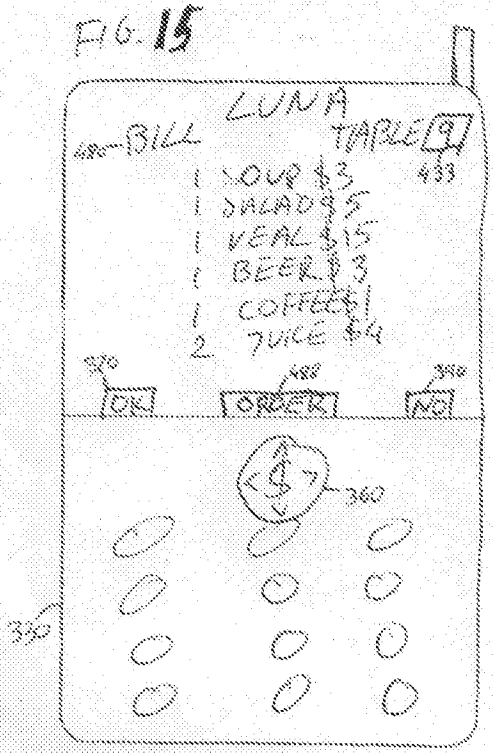


FIG. 16

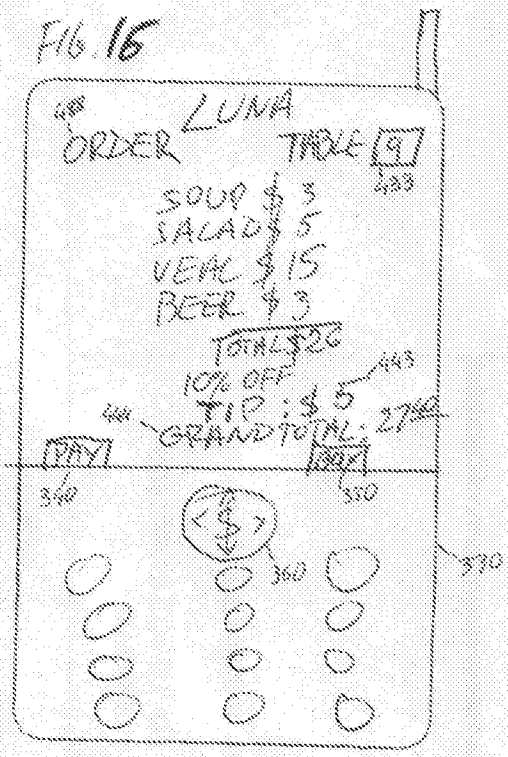
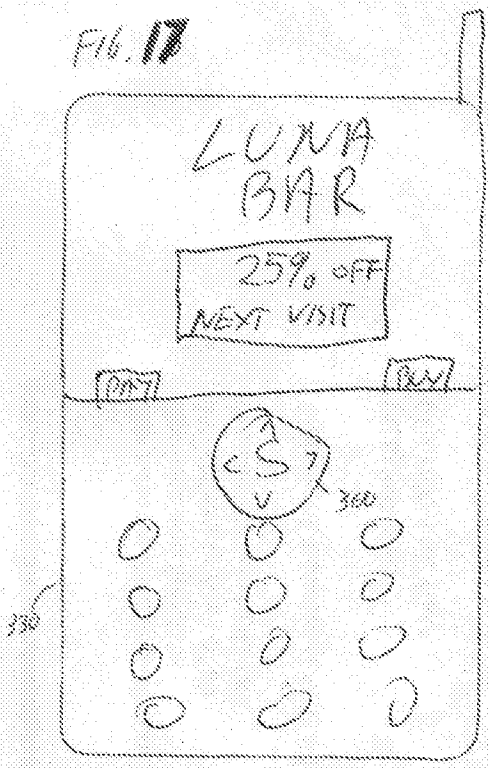


FIG. 17



IPR2024-00731
APPLE EX1002 Page 156

CLAIMS

1. An apparatus for engaging in wireless commercial transactions, said apparatus comprising:

a mobile phone equipped with a dedicated actuator for initiating a commercial transaction, and an optical input for receiving information concerning prices of goods;

a network hub for wireless exchange information between a commercial establishment and said mobile phone within the boundaries of the establishment;

a financial/authorization institution for associating a PIN number with said mobile phone and for authorizing transactions initiated by said mobile phone.

IPR2024-00731
APPLE EX1002 Page 157

Substitute PTO/SB/14 (06-07)
Approved for use through 06/30/2007. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Supplemental Application Data Sheet 37 CFR 1.76	Attorney Docket No.	30071-002001
	Application No.	12/596,531
Title of Invention	Mobile Payment System	

The application data sheet is part of the provisional or nonprovisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76. This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application.

Secrecy Order 37 CFR 5.2

☐ Portions of all of the application associated with the Application Data Sheet may fall under a Secrecy Order pursuant to 37 CFR 5.2 (Paper filers only. Applications that fall under Secrecy Order may not be filed electronically.)

Applicant Information:

Applicant 1					
Applicant Authority ☐ Inventor		☐ Legal Representative under 36 U.S.C. 117		☐ Party of Interest under 36 U.S.C. 118	
Prefix	**Given Name**	**Middle Name**		**Family Name**	**Suffix**
	Paul			Poniatowski	
Residence Information (Select One)	☐ US Residency ☐ Non US Residency ☐ Active US Military Service				
City	Toronto	**State/ Province**	Ontario	**Country of Residence**	Canada
Citizenship under 37 CFR 1.41(b)	Canada				
Mailing Address of Applicant:					
Address 1	23 Manitoba St.				
Address 2					
City	Toronto	**State/Province**	Ontario		
Postal Code	M8Y 1C8	**Country**	Canada		

Correspondence Information:

Customer Number	69713

Application Information:

Title of the Invention	Mobile Payment System		
Attorney Docket No.	30071-002001	**Small Entity Status Claimed** ☒	
Application Type	Non-provisional		
Subject Matter	Utility		
Suggested Class (if any)		**Sub Class (if any)**	
Suggested Technology Area (if any)			
Total Number of Drawing Sheets (if any)	6	**Suggested Figure for Publication (if any)**	

IPR2024-00731
APPLE EX1002 Page 158

Supplemental Application Data Sheet 37 CFR 1.76	Attorney Docket No.	30071-002001
	Application No.	12/596,531
Title of Invention	Mobile Payment System	

Publication Information:

☐ **Request Early Publication** (Fee required at time of Request 37 CFR 1.219)

☐ **Request NOT TO PUBLISH.** I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application has not been and will not be subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

Representative Information:

Representative information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32).

Customer Number	69713

Domestic Priority Information:

This section allows for the applicant to claim benefit under 35 U.S.C. 119(e), 120, 121, or 365(c). Providing this information in the application data sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78(a)(2) or CFR 1.78(a)(4), and need not otherwise be made part of the specification.

Prior Application Status			
Application Number	**Continuity Type**	**Prior Application Number**	**Filing Date (YYYY-MM-DD)**
12/596,531	CIP application of	12/087,539	2008-07-09
12/087,539	371 Application of	PCT/CA2004/00513	2004-04-07
PCT/CA2004/00513	Claims benefit of	10/407,222	2003-04-07

Foreign Priority Information:

This section allows for the applicant to claim benefit of foreign priority and to identify any prior foreign application for which priority is not claimed. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55(a).

Application Number	**Country**	**Parent Filing Date (YYYY-MM-DD)**	**Priority Claimed**	
			☐Yes	☐No
			☐Yes	☐No
			☐Yes	☐No

IPR2024-00731
APPLE EX1002 Page 159

Supplemental Application Data Sheet 37 CFR 1.76	Attorney Docket No.	30071-002001
	Application No.	12/596,531
Title of Invention	Mobile Payment System	

Assignee Information:

Providing this information in the application data sheet does not substitute for compliance with any requirement of part 3 of Title 37 of the CFR to have an assignment recorded in the Office.			
Assignee			
If the Assignee is an Organization, check here. ☐			
Organization Name			
Mailing Address Information:			
Address 1			
Address 2			
City		**State/Province**	
Country		**Postal Code**	
Phone Number		**Fax Number**	
Email Address			

Signature:

A signature of the applicant or representative is required in accordance with 37 CFR 1.33 and 10.18. Please see 37 CFR 1.4(d) for the form of the signature.			
Signature			
First Name	Faustino	**Last Name**	Lichauco
Registration Number	41,942	**Date (YYYY-MM-DD)**	2011-05-25

This collection of information is required by 37 CFR 1.76. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 23 minutes to complete, including gathering, preparing, and submitting the completed application data sheet form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

IPR2024-00731
APPLE EX1002 Page 160

ABSTRACT

An apparatus for engaging in wireless commercial transactions includes a mobile phone equipped with a dedicated actuator for initiating a commercial transaction, and an optical input for receiving information concerning prices of goods; a network hub for wireless exchange information between a commercial establishment and said mobile phone within the boundaries of the establishment; and a financial/authorization institution for associating a PIN number with said mobile phone and for authorizing transactions initiated by said mobile phone.

IPR2024-00731
APPLE EX1002 Page 161

PATENT APPLICATION FEE DETERMINATION RECORD

Substitute for Form PTO-875

Application or Docket Number: 12/596,531

APPLICATION AS FILED - PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA	SMALL ENTITY RATE($)	SMALL ENTITY FEE($)	OR	OTHER THAN SMALL ENTITY RATE($)	OTHER THAN SMALL ENTITY FEE($)
BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A	82		N/A	
SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A	270		N/A	
EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A	110		N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	12 minus 20 =	*	x 26 =	0.00	OR		
INDEPENDENT CLAIMS (37 CFR 1.16(h))	1 minus 3 =	*	x 110 =	0.00			
APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $270 ($135 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).			0.00			
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))				0.00			
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL	462		TOTAL	

APPLICATION AS AMENDED - PART II

		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	SMALL ENTITY RATE($)	SMALL ENTITY ADDITIONAL FEE($)	OR	OTHER THAN SMALL ENTITY RATE($)	OTHER THAN SMALL ENTITY ADDITIONAL FEE($)
AMENDMENT A	Total (37 CFR 1.16(i))	*	Minus	**	=	x =		OR	x =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=	x =		OR	x =	
	Application Size Fee (37 CFR 1.16(s))									
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
						TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE($)	ADDITIONAL FEE($)		RATE($)	ADDITIONAL FEE($)
AMENDMENT B	Total (37 CFR 1.16(i))	*	Minus	**	=	x =		OR	x =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=	x =		OR	x =	
	Application Size Fee (37 CFR 1.16(s))									
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
						TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".
The "Highest Number Previously Paid For" (Total or Independent) is the highest found in the appropriate box in column 1.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
12/596,531	10/19/2009	Paul Poniatowski	30071-002001

CONFIRMATION NO. 2588

69713
OCCHIUTI ROHLICEK & TSAO, LLP
10 FAWCETT STREET
CAMBRIDGE, MA 02138

FORMALITIES LETTER

OC000000048010586

Date Mailed: 06/07/2011

NOTICE TO FILE CORRECTED APPLICATION PAPERS

Filing Date Granted

An application number and filing date have been accorded to this application. The application is informal since it does not comply with the regulations for the reason(s) indicated below. Applicant is given TWO MONTHS from the date of this Notice within which to correct the informalities indicated below. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

The required item(s) identified below must be timely submitted to avoid abandonment:

- Replacement drawings in compliance with 37 CFR 1.84 and 37 CFR 1.121(d) are required. The drawings submitted are not acceptable because:
  - The drawings must be reasonably free from erasures and must be free from alterations, overwriting, interlineations, folds, and copy marks. See Figure(s) 4-17.
  - The drawings must be made on paper that has a white background (see 37 CFR 1.84(e)). For example, drawings on graph paper, lined paper, or paper that has a non-white background are not acceptable. See Figure(s) 4-7 & 14-17.
  - The drawings submitted to the Office are not electronically reproducible because portions of figures 4-17 are missing and/or blurry.

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

Replies should be mailed to:

Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.
https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html

For more information about EFS-Web please call the USPTO Electronic Business Center at **1-866-217-9197** or visit our website at http://www.uspto.gov/ebc.

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

/eulanday/

Office of Data Management, Application Assistance Unit (571) 272-4000, or (571) 272-4200, or 1-888-786-0101

IPR2024-00731
APPLE EX1002 Page 164

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United States Patent and Trademark Office
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P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
12/596,531	10/19/2009	Paul Poniatowski	30071-002001

CONFIRMATION NO. 2588

69713
OCCHIUTI ROHLICEK & TSAO, LLP
10 FAWCETT STREET
CAMBRIDGE, MA 02138

WITHDRAWAL NOTICE

OC000000048010530

Date Mailed: 06/07/2011

Letter Regarding a New Notice and/or the Status of the Application

If a new notice or Filing Receipt is enclosed, applicant may disregard the previous notice mailed on 01/25/2011. The time period for reply runs from the mail date of the new notice. Within the time period for reply, applicant is required to file a reply in compliance with the requirements set forth in the new notice to avoid abandonment of the application.

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web. https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html

For more information about EFS-Web please call the USPTO Electronic Business Center at **1-866-217-9197** or visit our website at http://www.uspto.gov/ebc.

If the reply is not filed electronically via EFS-Web, the reply must be accompanied by a copy of the new notice.

If the Office previously granted a petition to withdraw the holding of abandonment or a petition to revive under 37 CFR 1.137, the status of the application has been returned to pending status.

/eulanday/

Office of Data Management, Application Assistance Unit (571) 272-4000, or (571) 272-4200, or 1-888-786-0101

IPR2024-00731
APPLE EX1002 Page 165

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	TOT CLAIMS	IND CLAIMS
12/596,531	10/19/2009		527	30071-002001	12	1

CONFIRMATION NO. 2588

69713
OCCHIUTI ROHLICEK & TSAO, LLP
10 FAWCETT STREET
CAMBRIDGE, MA 02138

FILING RECEIPT

OC000000048010585

Date Mailed: 06/07/2011

Receipt is acknowledged of this non-provisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please submit a written request for a Filing Receipt Correction. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections**

Applicant(s)

Paul Poniatowski, Toronto, CANADA;

Power of Attorney: The patent practitioners associated with Customer Number 69713

Domestic Priority data as claimed by applicant

This application is a CIP of 12/087,539 07/09/2008
which is a 371 of PCT/CA2004/000513 04/07/2004
which is a CIP of 10/407,222 04/07/2003 PAT 7,606,215

Foreign Applications (You may be eligible to benefit from the **Patent Prosecution Highway** program at the USPTO. Please see http://www.uspto.gov for more information.)

If Required, Foreign Filing License Granted: 01/24/2011

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 12/596,531**

Projected Publication Date: To Be Determined - pending completion of Corrected Papers

Non-Publication Request: No

Early Publication Request: No
**** SMALL ENTITY ****

IPR2024-00731
APPLE EX1002 Page 166

Title

Mobile Payment System

Preliminary Class

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at http://www.uspto.gov/web/offices/pac/doc/general/index.html.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, http://www.stopfakes.gov. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

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Title 37, Code of Federal Regulations, 5.11 & 5.15

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IPR2024-00731
APPLE EX1002 Page 167

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IPR2024-00731
APPLE EX1002 Page 168

Electronic Patent Application Fee Transmittal

Application Number:	12596531
Filing Date:	19-Oct-2009
Title of Invention:	Mobile Payment System
First Named Inventor/Applicant Name:	Paul Poniatowski
Filer:	Faustino A. Lichauco/Amanda Wallinger
Attorney Docket Number:	30071-002001

Filed as Small Entity

Utility under 35 USC 111(a) Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Extension - 2 months with $0 paid	2252	1	245	245

IPR2024-00731
APPLE EX1002 Page 169

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Miscellaneous:				
		Total in USD ($)		**245**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	: Paul Poniatowski	Art Unit	: Not yet assigned
Serial No.	: 12/596,531	Examiner	: Not yet assigned
Filed	: October 19, 2009	Conf. No.	: 2588
Title	: Mobile Payment System		

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO NOTICE TO FILE CORRECTED APPLICATION PAPERS

In response to the Notice to File Corrected Application Papers mailed June 7, 2011, applicant as a small entity submits herewith the following:

☒ Replacement drawings in compliance with 37 CFR 1.84 and 37 CFR 1.121(d).

It is understood that this perfects the application and no additional papers or filing fees are required. The Petition for Extension of Time fee in the amount of $245 is being paid concurrently herewith on the Electronic Filing System (EFS) by way of Deposit Account authorization. Please apply any other charges or credits to Deposit Account No. 50-4189, referencing Attorney Docket No. 30071-002001.

Respectfully submitted,

Date: Sept. 7, 2011

Faustino A. Lichauco
Reg. No. 41,942

Customer No. 69713
Occhiuti Rohlicek & Tsao LLP
10 Fawcett Street
Cambridge, MA 02138
Telephone: (617) 500-2533
Facsimile: (617) 500-2499

Electronic Acknowledgement Receipt

EFS ID:	10894023
Application Number:	12596531
International Application Number:	
Confirmation Number:	2588
Title of Invention:	Mobile Payment System
First Named Inventor/Applicant Name:	Paul Poniatowski
Customer Number:	69713
Filer:	Faustino A. Lichauco/Amanda Wallinger
Filer Authorized By:	Faustino A. Lichauco
Attorney Docket Number:	30071-002001
Receipt Date:	07-SEP-2011
Filing Date:	19-OCT-2009
Time Stamp:	15:00:15
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	$245
RAM confirmation Number	1337
Deposit Account	504189
Authorized User	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)

1	Applicant Response to Pre-Exam Formalities Notice	30071-002001Response.pdf	37334 5a33b97584d3297071c8961896b18da8aaad41b5	no	1
Warnings:					
Information:					
2	Drawings-only black and white line drawings	30071-002001FIGS.pdf	307907 70dfda6454212e984f440ccec15de684f4b9f49a	no	7
Warnings:					
Information:					
3	Fee Worksheet (SB06)	fee-info.pdf	29951 b2faeadbe70a8161fb1c0444b1a149d0364cd0f3	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	375192		

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If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

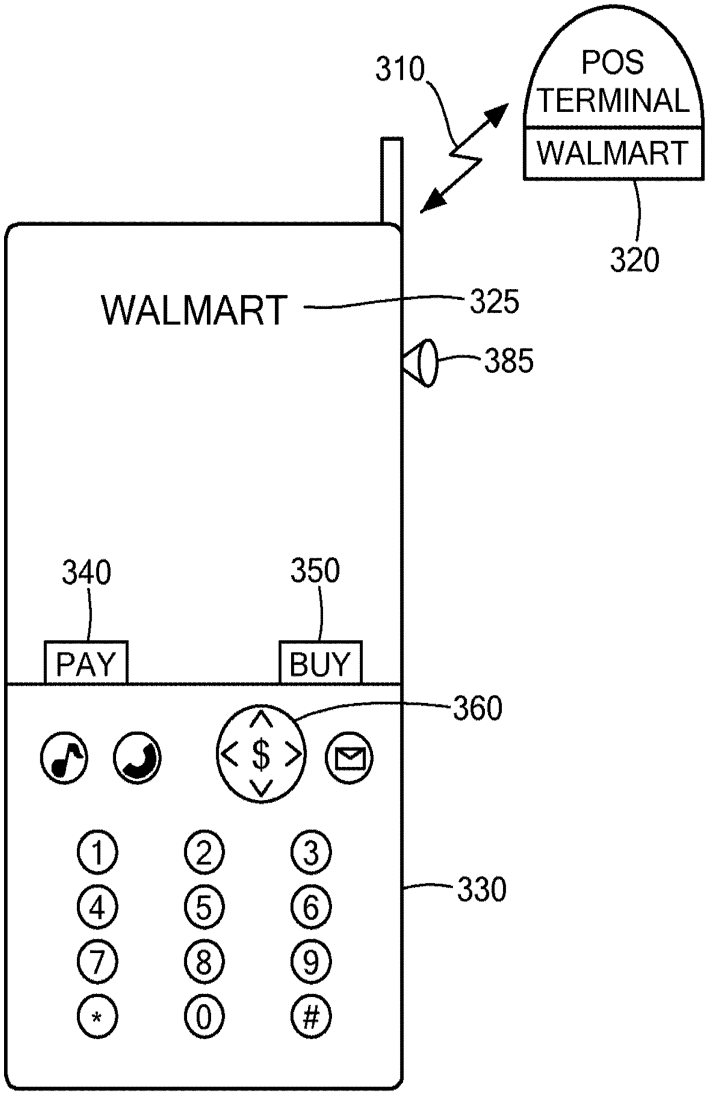


FIG. 4

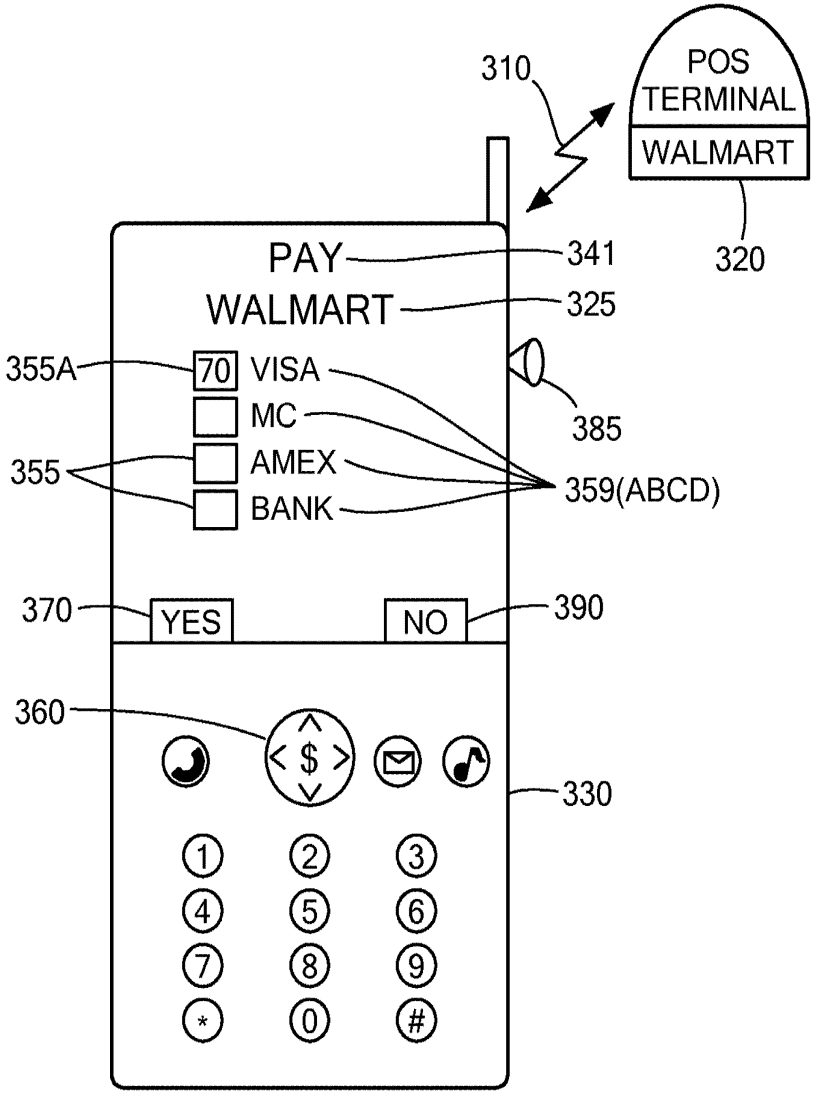


FIG. 5

REPLACEMENT SHEET
Attorney Docket No.: 30071-002001
1 of 7

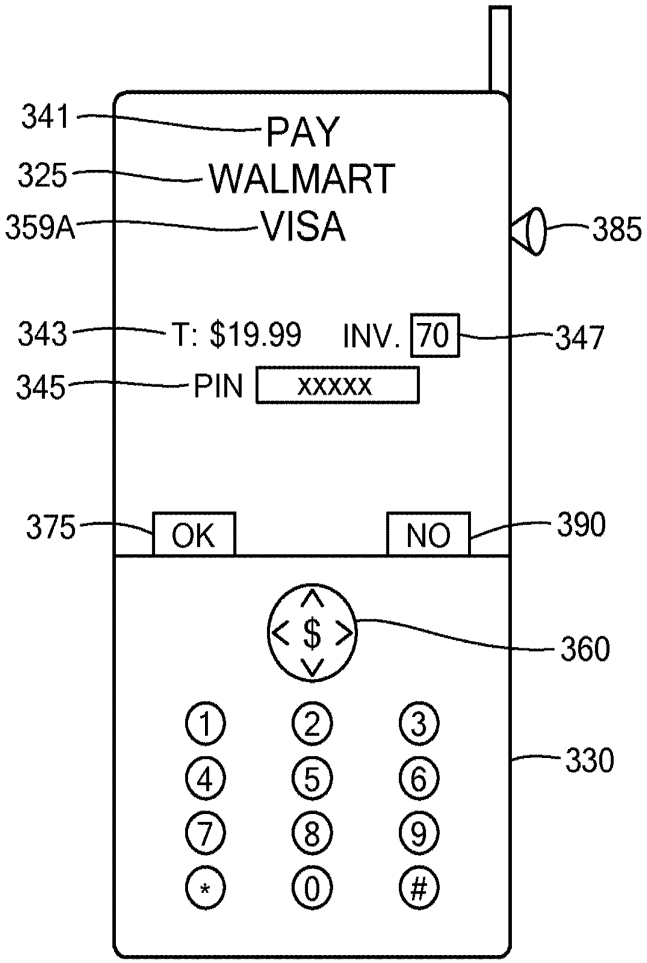


FIG. 6

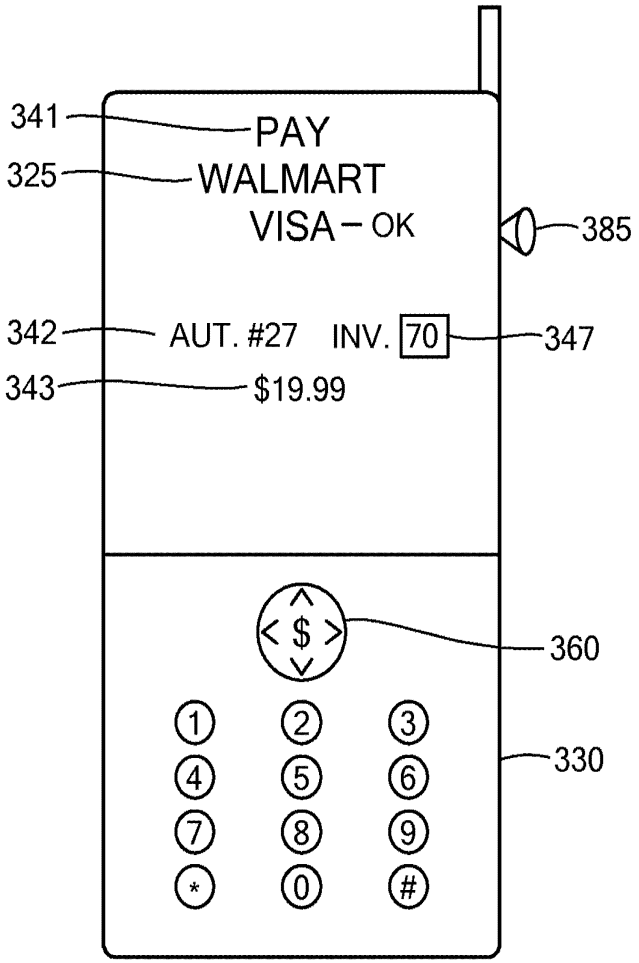


FIG. 7

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Attorney Docket No.: 30071-002001
2 of 7

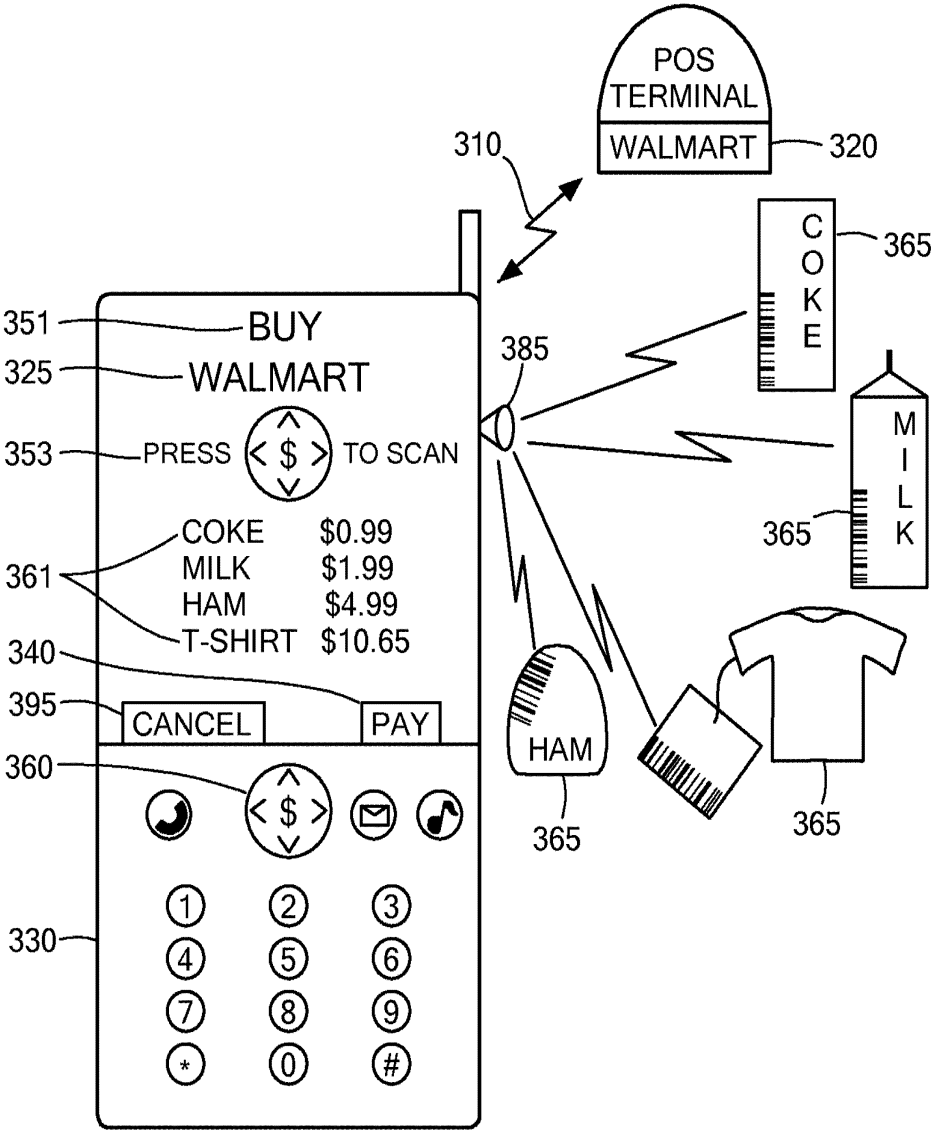


FIG. 8

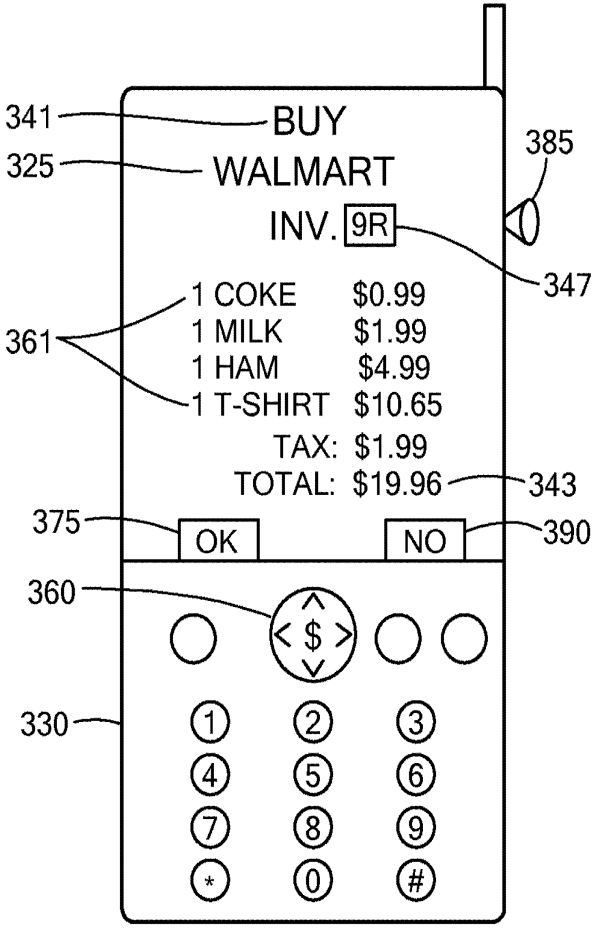


FIG. 9

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Attorney Docket No.: 30071-002001
3 of 7

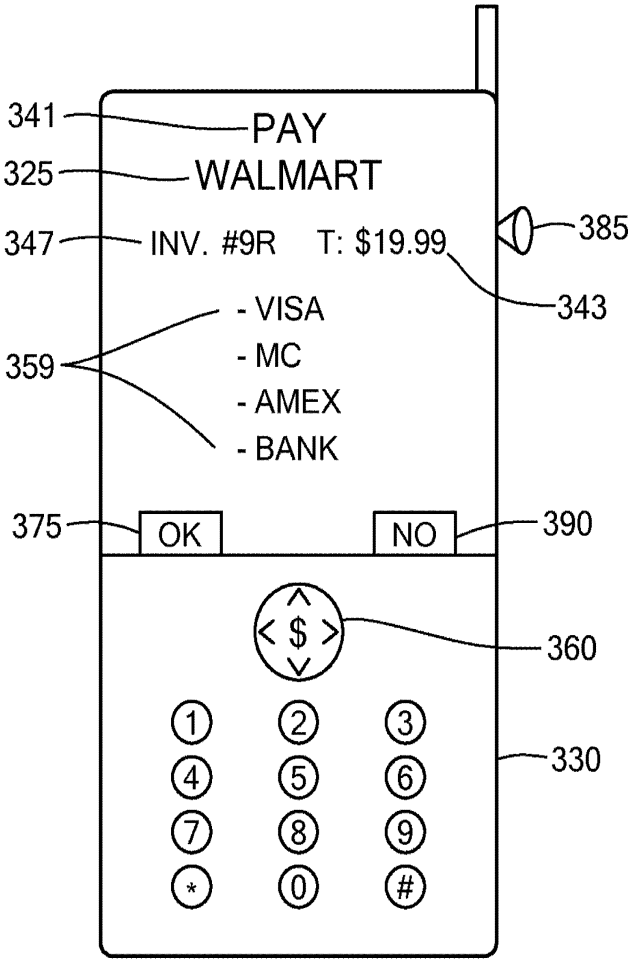


FIG. 10

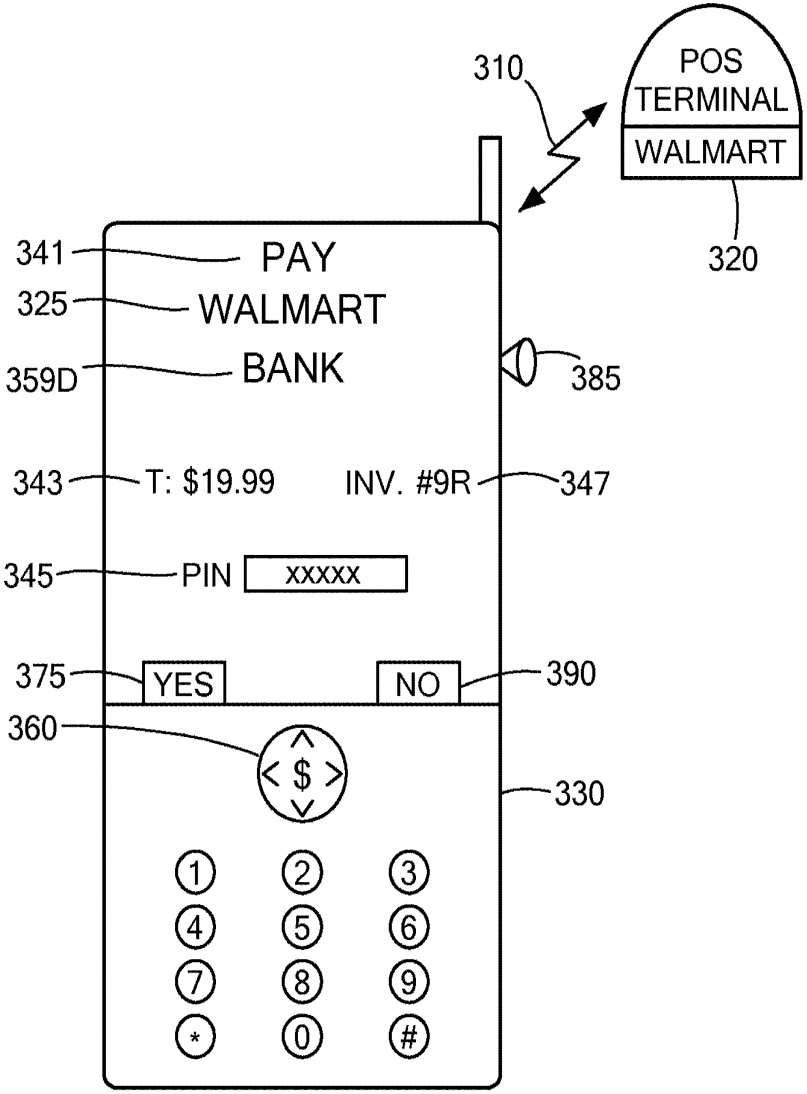


FIG. 11

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Attorney Docket No.: 30071-002001
4 of 7

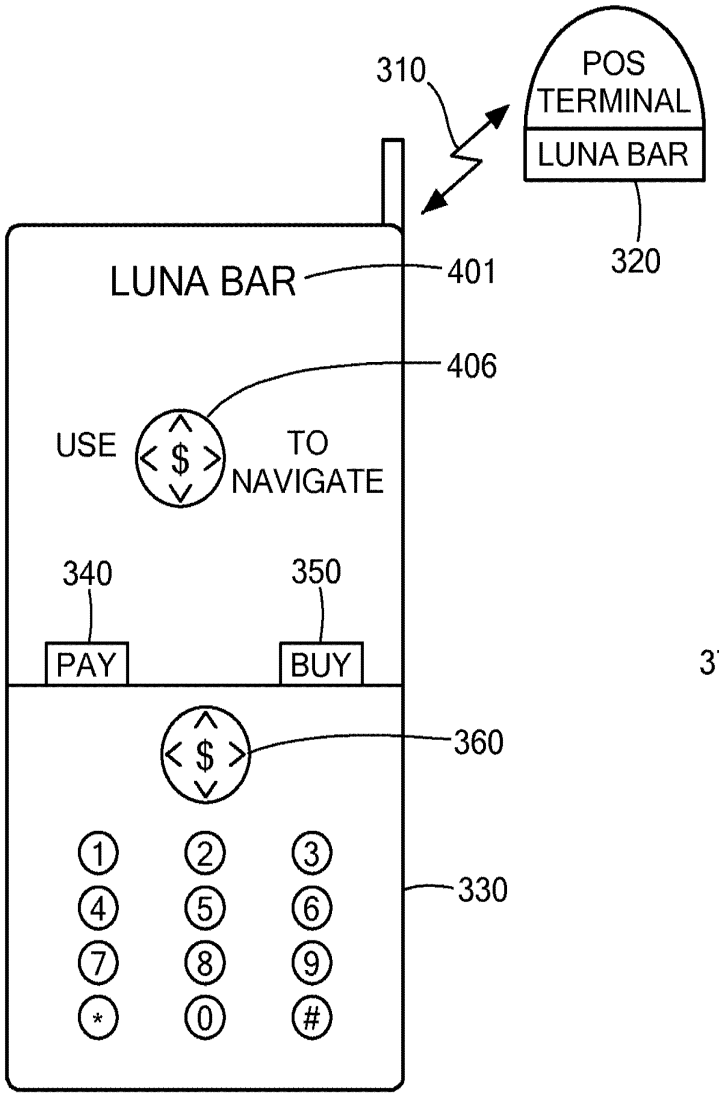


FIG. 12

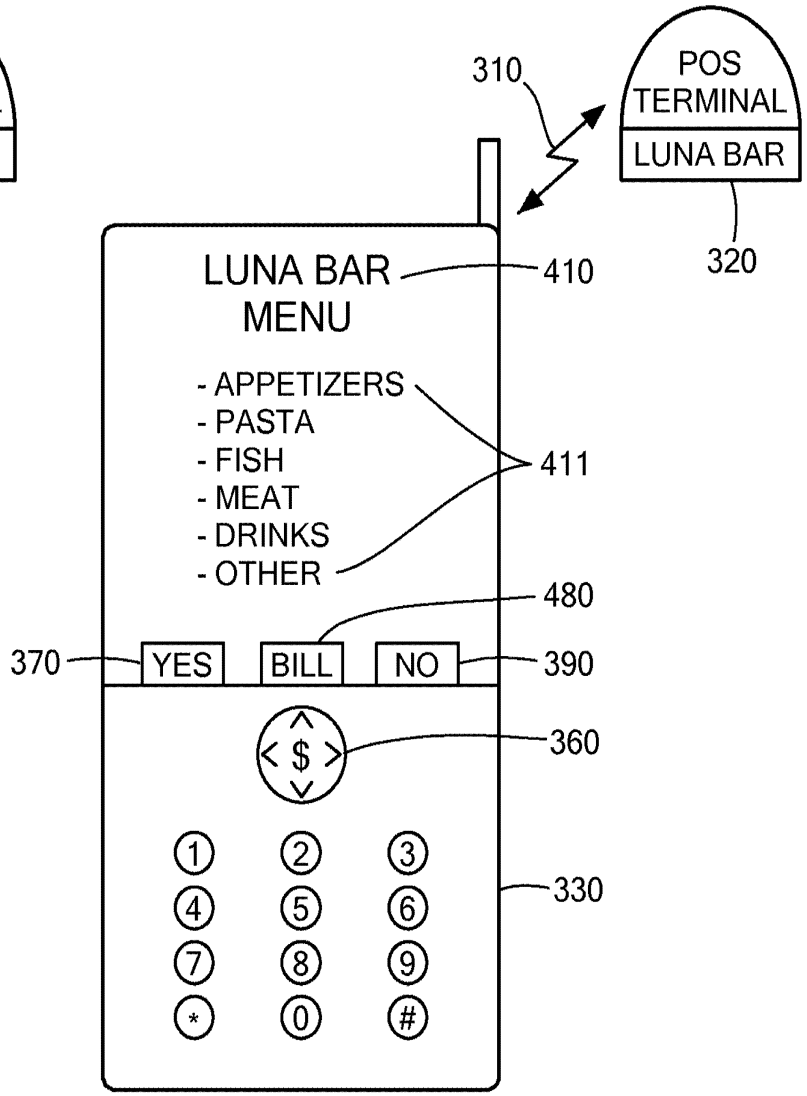


FIG. 13

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Attorney Docket No.: 30071-002001
5 of 7

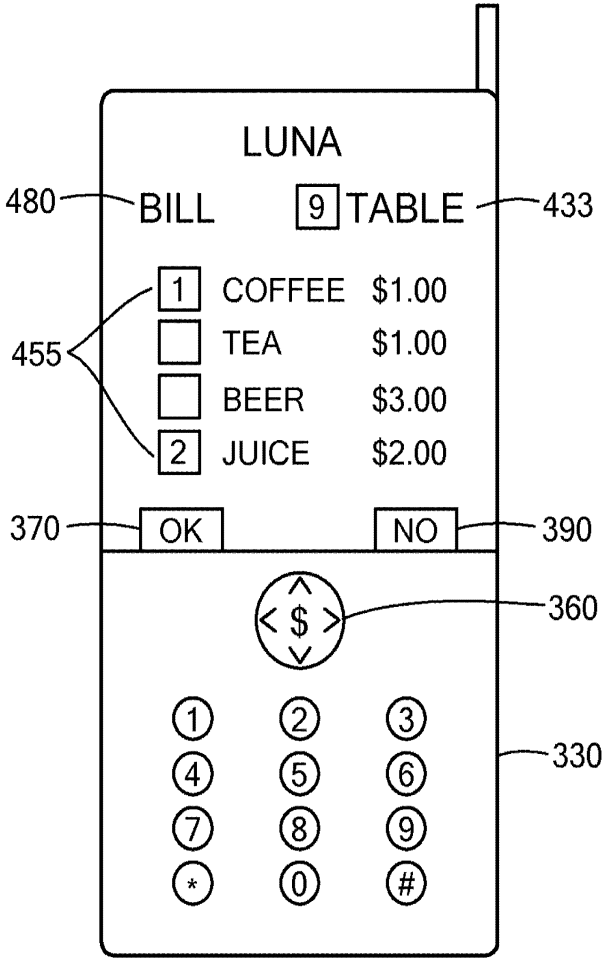


FIG. 14

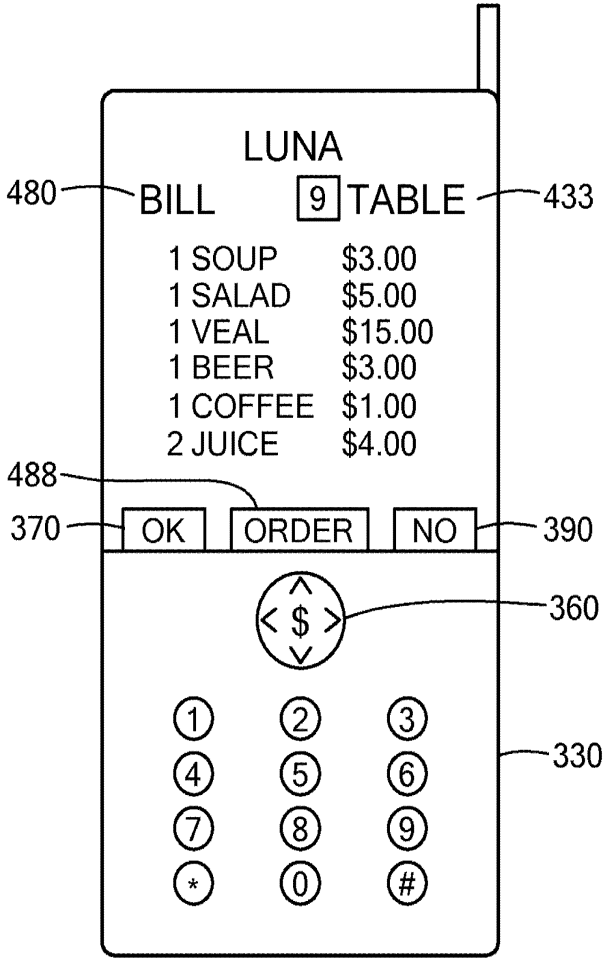


FIG. 15

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Attorney Docket No.: 30071-002001
6 of 7

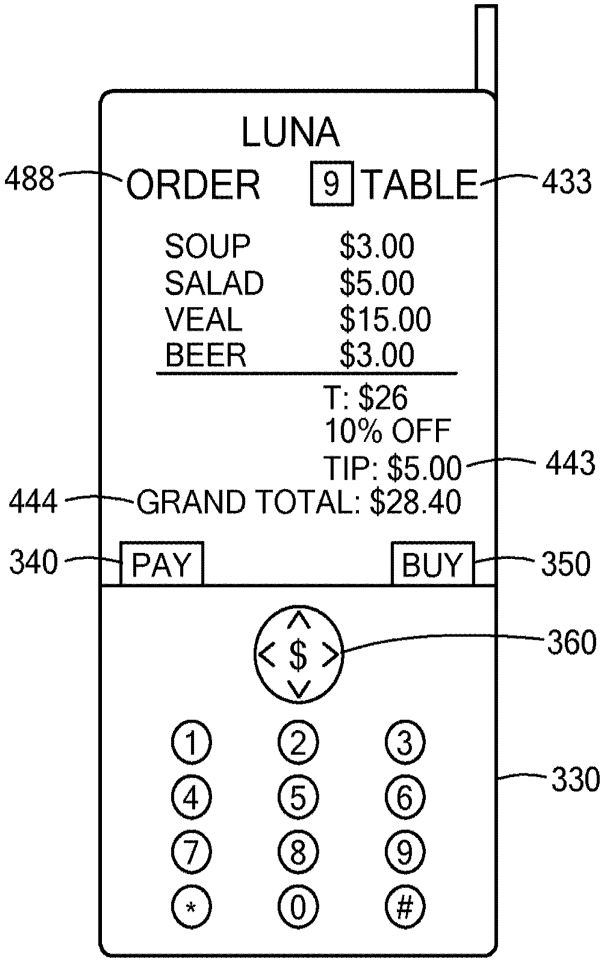


FIG. 16

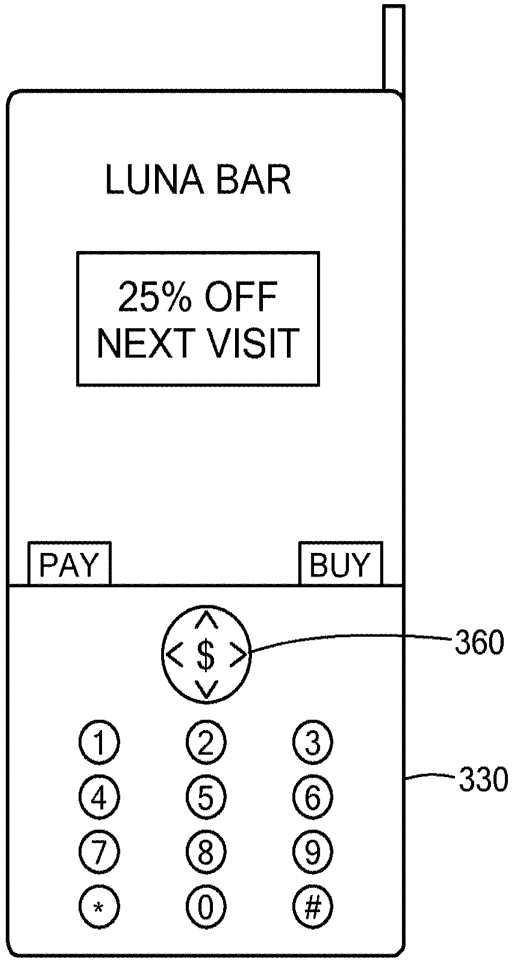


FIG. 17

REPLACEMENT SHEET
Attorney Docket No.: 30071-002001
7 of 7

Electronic Acknowledgement Receipt

EFS ID:	10894023
Application Number:	12596531
International Application Number:	
Confirmation Number:	2588
Adjustment date: 09/15/2011 MTEKLEMI 09/08/2011 INTEFSW 00001337 504189 12596531 01 FC:2252 245.00 CR **Title of Invention:** 09/15/2011 MTEKLEMI 00000011 504189 12596531 01 FC:2251 65.00 DA	Mobile Payment System
First Named Inventor/Applicant Name:	Paul Poniatowski
Customer Number:	69713
Filer:	Faustino A. Lichauco/Amanda Wallinger
Filer Authorized By:	Faustino A. Lichauco
Attorney Docket Number:	30071-002001
Receipt Date:	07-SEP-2011
Filing Date:	19-OCT-2009
Time Stamp:	15:00:15
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	$245
RAM confirmation Number	1337
Deposit Account	504189
Authorized User	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)

PATENT APPLICATION FEE DETERMINATION RECORD

Substitute for Form PTO-875

Application or Docket Number: 12/596,531

APPLICATION AS FILED - PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA	SMALL ENTITY RATE($)	SMALL ENTITY FEE($)	OR	OTHER THAN SMALL ENTITY RATE($)	OTHER THAN SMALL ENTITY FEE($)
BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A	82		N/A	
SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A	270		N/A	
EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A	110		N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	12 minus 20 =	*	x 26 =	0.00	OR		
INDEPENDENT CLAIMS (37 CFR 1.16(h))	1 minus 3 =	*	x 110 =	0.00			
APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $270 ($135 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).			0.00			
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))				0.00			
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL	462		TOTAL	

APPLICATION AS AMENDED - PART II

		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	SMALL ENTITY RATE($)	SMALL ENTITY ADDITIONAL FEE($)	OR	OTHER THAN SMALL ENTITY RATE($)	OTHER THAN SMALL ENTITY ADDITIONAL FEE($)
AMENDMENT A	Total (37 CFR 1.16(i))	*	Minus	**	=	x =		OR	x =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=	x =		OR	x =	
	Application Size Fee (37 CFR 1.16(s))									
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
						TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE($)	ADDITIONAL FEE($)		RATE($)	ADDITIONAL FEE($)
AMENDMENT B	Total (37 CFR 1.16(i))	*	Minus	**	=	x =		OR	x =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=	x =		OR	x =	
	Application Size Fee (37 CFR 1.16(s))									
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
						TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".
The "Highest Number Previously Paid For" (Total or Independent) is the highest found in the appropriate box in column 1.

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United States Patent and Trademark Office
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Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	TOT CLAIMS	IND CLAIMS
12/596,531	10/19/2009		527	30071-002001	12	1

CONFIRMATION NO. 2588

UPDATED FILING RECEIPT

69713
OCCHIUTI ROHLICEK & TSAO, LLP
10 FAWCETT STREET
CAMBRIDGE, MA 02138

OC00000049857151

Date Mailed: 09/21/2011

Receipt is acknowledged of this non-provisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please submit a written request for a Filing Receipt Correction. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections**

Applicant(s)

Paul Poniatowski, Toronto, CANADA;

Power of Attorney: The patent practitioners associated with Customer Number 69713

Domestic Priority data as claimed by applicant

This application is a CIP of 12/087,539 07/09/2008
which is a 371 of PCT/CA2004/000513 04/07/2004
which is a CIP of 10/407,222 04/07/2003 PAT 7,606,215

Foreign Applications (You may be eligible to benefit from the **Patent Prosecution Highway** program at the USPTO. Please see http://www.uspto.gov for more information.)

If Required, Foreign Filing License Granted: 01/24/2011

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 12/596,531**

Projected Publication Date: 12/29/2011

Non-Publication Request: No

Early Publication Request: No
** **SMALL ENTITY** **

IPR2024-00731
APPLE EX1002 Page 183

Title

Mobile Payment System

Preliminary Class

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

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Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

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For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, http://www.stopfakes.gov. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

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IPR2024-00731
APPLE EX1002 Page 184

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IPR2024-00731
APPLE EX1002 Page 185

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APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
12/596,531	10/19/2009	Paul Poniatowski	30071-002001

CONFIRMATION NO. 2588

69713
OCCHIUTI ROHLICEK & TSAO, LLP
10 FAWCETT STREET
CAMBRIDGE, MA 02138

PUBLICATION NOTICE

OC000000051746864

Title: Mobile Payment System

Publication No.US-2011-0320289-A1
Publication Date:12/29/2011

NOTICE OF PUBLICATION OF APPLICATION

The above-identified application will be electronically published as a patent application publication pursuant to 37 CFR 1.211, et seq. The patent application publication number and publication date are set forth above.

The publication may be accessed through the USPTO's publically available Searchable Databases via the Internet at www.uspto.gov. The direct link to access the publication is currently http://www.uspto.gov/patft/.

The publication process established by the Office does not provide for mailing a copy of the publication to applicant. A copy of the publication may be obtained from the Office upon payment of the appropriate fee set forth in 37 CFR 1.19(a)(1). Orders for copies of patent application publications are handled by the USPTO's Office of Public Records. The Office of Public Records can be reached by telephone at (703) 308-9726 or (800) 972-6382, by facsimile at (703) 305-8759, by mail addressed to the United States Patent and Trademark Office, Office of Public Records, Alexandria, VA 22313-1450 or via the Internet.

In addition, information on the status of the application, including the mailing date of Office actions and the dates of receipt of correspondence filed in the Office, may also be accessed via the Internet through the Patent Electronic Business Center at www.uspto.gov using the public side of the Patent Application Information and Retrieval (PAIR) system. The direct link to access this status information is currently http://pair.uspto.gov/. Prior to publication, such status information is confidential and may only be obtained by applicant using the private side of PAIR.

Further assistance in electronically accessing the publication, or about PAIR, is available by calling the Patent Electronic Business Center at 1-866-217-9197.

Office of Data Managment, Application Assistance Unit (571) 272-4000, or (571) 272-4200, or 1-888-786-0101

IPR2024-00731
APPLE EX1002 Page 186

PTO/SB/06 (07-06)
Approved for use through 1/31/2007. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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PATENT APPLICATION FEE DETERMINATION RECORD

Substitute for Form PTO-875

Application or Docket Number	Filing Date	☒ To be Mailed
12/596,531	10/19/2009	

APPLICATION AS FILED – PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA	SMALL ENTITY ☒ RATE ($)	SMALL ENTITY ☒ FEE ($)	OR	OTHER THAN SMALL ENTITY RATE ($)	OTHER THAN SMALL ENTITY FEE ($)
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A			N/A	
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A			N/A	
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A			N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*	X $ =		OR	X $ =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*	X $ =			X $ =	
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $250 ($125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).						
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))							
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL			TOTAL	

APPLICATION AS AMENDED – PART II

AMENDMENT	02/09/2012	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	SMALL ENTITY RATE ($)	SMALL ENTITY ADDITIONAL FEE ($)	OR	OTHER THAN SMALL ENTITY RATE ($)	OTHER THAN SMALL ENTITY ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	* 16	Minus	** 20	= 0	X $30 =	0	OR	X $ =	
	Independent (37 CFR 1.16(h))	* 2	Minus	***3	= 0	X $125 =	0	OR	X $ =	
	☐ Application Size Fee (37 CFR 1.16(s))									
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
						TOTAL ADD'L FEE	0	OR	TOTAL ADD'L FEE	

AMENDMENT		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)	OR	RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	*	Minus	**	=	X $ =		OR	X $ =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=	X $ =		OR	X $ =	
	☐ Application Size Fee (37 CFR 1.16(s))									
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
						TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

Legal Instrument Examiner:
/ANGELA JOHNSON/

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

REMARKS

Applicant replaces the pending claims with new claims directed to additional aspects of the invention.

Please apply any other charges or credits to Deposit Account No. 50-4189, referencing Attorney Docket No. 30071-002001.

Respectfully submitted,

Date: **February 9, 2012**

/Faustino A. Lichauco/
Faustino A. Lichauco
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Electronic Acknowledgement Receipt

EFS ID:	12036630
Application Number:	12596531
International Application Number:	
Confirmation Number:	2588
Title of Invention:	Mobile Payment System
First Named Inventor/Applicant Name:	Paul Poniatowski
Customer Number:	69713
Filer:	Faustino A. Lichauco/Melissa Simpson
Filer Authorized By:	Faustino A. Lichauco
Attorney Docket Number:	30071-002001
Receipt Date:	09-FEB-2012
Filing Date:	19-OCT-2009
Time Stamp:	11:54:25
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		30071-002001-Prelim-.pdf	32667 18376d4f931cc5e1591585da47a0290447e9aeea	yes	5

	Multipart Description/PDF files in .zip description		
	Document Description	**Start**	**End**
	Preliminary Amendment	1	1
	Claims	2	4
	Applicant Arguments/Remarks Made in an Amendment	5	5
Warnings:			
Information:			
	Total Files Size (in bytes):	32667	

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New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371
If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office
If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

Amendments to the claims

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of claims:

1-17 (Cancelled)

18. (New) An apparatus for engaging in wireless commercial transactions, said apparatus comprising:

a mobile phone equipped with a dedicated actuator for initiating a commercial transaction, and an optical input for receiving information concerning prices of goods;

a network hub for wireless exchange of information between a commercial establishment and said mobile phone within the boundaries of the establishment; and

a financial/authorization institution for associating a PIN number with said mobile phone and for authorizing transactions initiated by said mobile phone.

19. (New) The apparatus of claim **18**, mobile phone is configured to display information about goods scanned by said optical input on a display.

20. (New) The apparatus of claim **18**, wherein the mobile phone is configured to provide a sequence of displays to guide a user of said mobile phone through a commercial transaction that includes identification of goods to be purchased and payment associated with said purchase.

21. (New) The apparatus of claim **18**, wherein the mobile phone is configured to generate a listing of items available for purchase.

22. (New) The apparatus of claim **21**, wherein the mobile phone is further configured to solicit a selection of a subset of items from said listing.

23. (New) The apparatus of claim **18**, wherein the mobile phone is configured to display information concerning an incomplete commercial transaction.

24. (New) The apparatus of claim **18**, wherein a communication between the mobile phone and the network hub is constrained to remain within the commercial establishment.

25. (New) The apparatus of claim **18**, wherein the dedicated actuator comprises a button labeled with a symbolic indication of a function thereof.

26. (New) The apparatus of claim **25**, wherein the button comprises a touch-sensitive region on a display of the mobile phone.

27. (New) The apparatus of claim **18**, wherein actuation of the dedicated actuator causes information identifying the commercial establishment to be displayed on the mobile phone.

28. (New) The apparatus of claim **18**, wherein actuation of the dedicated actuator causes display of a button to consummate a commercial transaction.

29. (New) The apparatus of claim **18**, wherein a terminal associated with a point of sale at the commercial establishment generates a code to be entered in the phone to further the transaction.

30. (New) The apparatus of claim 18, wherein the mobile phone is configured to, on the basis of data provided by the optical input, display a price of an item.

31. (New) The apparatus of claim **18**, wherein the mobile phone is configured to receive a coupon applicable to a future transaction with the commercial establishment.

32. (New) The apparatus of claim **18**, wherein the mobile phone is configured to be remotely erased by the financial/authorization institution.

33. (New) A method for engaging in a wireless commercial transaction, the method comprising:

at a mobile phone, receiving information concerning candidate items for a commercial transaction;

selecting, on said phone, a set of selected items from the candidate items;

establishing communication between said phone and a terminal associated with the commercial establishment;

using the phone, communicating the set of selected items to the terminal; and

using the phone, issuing an instruction to the terminal to request authorization of payment.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	: Paul Poniatowski	Art Unit	: Not yet assigned
Serial No.	: 12/596,531	Examiner	: Not yet assgined
Filed	: October 19, 2009	Conf. No.	: 2588
Title	: Mobile Payment System		

MAIL STOP AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

PRELIMINARY AMENDMENT

Prior to examination, please amend the application as follows:

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	: Paul Poniatowski	Art Unit	: Not yet assigned
Serial No.	: 12/596,531	Examiner	: Not yet assigned
Filed	: October 19, 2009	Conf. No.	: 2588
Title	: Mobile Payment System		

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicant discloses the documents listed in the attached form PTO-1449.

The present application relies on application serial no. 12/087,593 for an earlier effective filing date under 35 U.S.C. 120. Under 37 C.F.R. 1.98(d), copies of all patent, publication, pending U.S. application or other information that was previously submitted to, or cited by the USPTO in an earlier application are not required. Applicant will provide copies at the Examiner's request.

This statement is being filed before receipt of a first office action on the merits. Therefore, no fee is believed to be due. However, please apply any charges or credits to Deposit Account No. 50-4189, referencing Attorney Docket Number 30071-002001.

Respectfully submitted,

Date: April 6, 2012

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Electronic Acknowledgement Receipt

EFS ID:	12488478
Application Number:	12596531
International Application Number:	
Confirmation Number:	2588
Title of Invention:	Mobile Payment System
First Named Inventor/Applicant Name:	Paul Poniatowski
Customer Number:	69713
Filer:	Faustino A. Lichauco/Amanda Wallinger
Filer Authorized By:	Faustino A. Lichauco
Attorney Docket Number:	30071-002001
Receipt Date:	06-APR-2012
Filing Date:	19-OCT-2009
Time Stamp:	14:55:01
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		30071-00201IDS.pdf	86573 06d2e7694c11c411bd3b54973fcaf239366ac40d	yes	2

	Multipart Description/PDF files in .zip description		
	Document Description	**Start**	**End**
	Transmittal Letter	1	1
	Information Disclosure Statement (IDS) Form (SB08)	2	2
Warnings:			
Information:			
	Total Files Size (in bytes):	86573	

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371
If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office
If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 30071-002001	Application No. 12/596,531
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Paul Poniatowski	
		Filing Date 10/19/2009	Group Art Unit Not yet assigned

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	5,896,129	4/20/1999	Murphy, et al.			
	AB	2002/0194264	12/2002	Uchiyama, et al.			
	AC	6,222,826	4/2001	Faynberg, et al.			
	AD	7,149,549	12/2006	Ortiz, et al.			
	AE	5,412,708	5/2/1998	Katz			
	AF	5,774,534	6/30/1998	Mayer			
	AG	2001/0032131	10/18/2001	Mowry			
	AH	2002/0022476	2/21/2002	Go			
	AI	2002/0094787	7/18/2002	Avnet, et al.			
	AJ	2002/0130967	9/19/2002	Sweetser			
	AK	2002/0162113	10/31/2002	Hunter			
	AL	2002/0194622	12/19/2002	Lord			

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation Yes	Translation No
	AM	98/11686	3/19/1998	WIPO				
	AN	02/084909	10/24/2002	WIPO				
	AO	2179993	10/19/1994	China				
	AP	01/33859	5/10/2001	WIPO				
	AQ	2344009	5/24/2000	Great Britain				
	AR	01/27899	4/19/2001	WIPO				
	AS	02/093544	11/21/2002	WIPO				

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AT	

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Disclosure Form (PTO-1449)

Search Notes

Application/Control No.	Applicant(s)/Patent under Reexamination
12/596,531	PONIATOWSKI, PAUL
Examiner	**Art Unit**
OLISA ANWAH	2614

SEARCHED			
Class	Subclass	Date	Examiner
379	93.12	4/12/12	OA
	93.17		
	93.22		
	91.01		
	201.01		
	201.02		
455	419		
235	462.45		
	472.01		
	472.02		
	462.46		

INTERFERENCE SEARCHED			
Class	Subclass	Date	Examiner

SEARCH NOTES (INCLUDING SEARCH STRATEGY)		
	DATE	EXMR

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/596,531	10/19/2009	Paul Poniatowski	30071-002001	2588

69713 7590 04/19/2012

OCCHIUTI ROHLICEK & TSAO, LLP
321 Summer St.
Boston, MA 02210

EXAMINER	
ANWAH, OLISA	

ART UNIT	PAPER NUMBER
2614	

NOTIFICATION DATE	DELIVERY MODE
04/19/2012	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

INFO@ORTPATENT.COM

Office Action Summary	Application No.	Applicant(s)	
	12/596,531	PONIATOWSKI, PAUL	
	Examiner	Art Unit	
	OLISA ANWAH	2614	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE *3* MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *09 February 2012*.

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.

4)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

5)☒ Claim(s) *1-33* is/are pending in the application.

5a) Of the above claim(s) *1-17* is/are withdrawn from consideration.

6)☐ Claim(s) _____ is/are allowed.

7)☒ Claim(s) *18-33* is/are rejected.

8)☐ Claim(s) _____ is/are objected to.

9)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

10)☐ The specification is objected to by the Examiner.

11)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

12)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

13)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (e) the invention was described in-
> (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effect under this subsection of a national application published under section 122(b) only if the international application designating the United States was published under Article 21(2)(a) of such treaty in the English language; or
> (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that a patent shall not be deemed filed in the United States for the purposes of this subsection based on the filing of an international application filed under the treaty defined in section 351(a).

2. Claims 18-20, 23, 28-31 and 33 are rejected under 35 U.S.C. § 102(e) as being anticipated by Ogasawara, U.S. Patent No. 6,577,861 (hereinafter Ogasawara).

Regarding claim 18, Ogasawara discloses an apparatus for engaging in wireless commercial transactions, said apparatus comprising:

a mobile phone equipped with a dedicated actuator for initiating a commercial transaction, and an optical input for receiving information concerning prices of goods;

a network hub for wireless exchange of information between a commercial establishment and said mobile phone within the boundaries of the establishment; and

a financial/authorization institution for associating a PIN number with said mobile phone and for authorizing transactions initiated by said mobile phone (see Figures 1 and 8).

Regarding claim 19, see column 5.

Regarding claim 20, see column 18.

Regarding claim 23, see column 18.

Regarding claim 28, see column 18.

Regarding claim 29, see column 10.

Regarding claim 30, see column 11.

Regarding claim 31, see column 10.

Regarding claim 33, Ogasawara discloses a method for engaging in a wireless commercial transaction, the method comprising:

at a mobile phone, receiving information concerning candidate items for a commercial transaction;

selecting, on said phone, a set of selected items from the candidate items;

establishing communication between said phone and a terminal associated with the commercial establishment;

using the phone, communicating the set of selected items to the terminal; and

using the phone, issuing an instruction to the terminal to request authorization of payment (see Figures 1 and 8).

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

4. Claim 32 is rejected under 35 U.S.C **§** 103(a) as being unpatentable over Ogasawara in view of Welingkar et al, U.S. Patent No. 8,135,798 (hereinafter Welingkar).

Regarding claim 32, Ogasawara does not clearly teach that the mobile phone is configured to be remotely erased by the financial/authorization institution. All the same, Welingkar

discloses that the mobile phone is configured to be remotely erased by the authorization institution (see Figure 10). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Ogasawara wherein the mobile phone is configured to be remotely erased by the authorization institution as taught by Welingkar. This modification would have improved the system reliability by improving security.

5. Claim 25 is rejected under 35 U.S.C § 103(a) as being unpatentable over Ogasawara in view of Snavely, U.S. Patent No. 6,112,984 (hereinafter Snavely).

Regarding claim 25, Ogasawara discloses that the dedicated actuator comprises a button (see Figure 2). Still on the issue of claim 25, Ogasawara does not teach that the button is labeled with a symbolic indication of a function thereof. All the same, Snavely discloses that the button is labeled with a symbolic indication of a function thereof (see Figure 6). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Ogasawara wherein the button is labeled with a symbolic indication of a function thereof as taught by Snavely. This modification would have improved the system's user friendliness by providing clarity.

6. Claim 26 is rejected under 35 U.S.C § 103(a) as being unpatentable over Ogasawara in view of Tao, U.S. Patent No. 7,388,578 (hereinafter Tao).

Regarding claim 26, Ogasawara does not teach that the button comprises a touch-sensitive region on a display of the mobile phone. Even so, Tao discloses that the button comprises a touch-sensitive region on a display of the mobile phone (see Figure 6). And so, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Ogasawara wherein the button comprises a touch-sensitive region on a display of the mobile phone as taught by Tao. This modification would have improved the system's flexibility by providing multiple operating positions as suggested by Tao (see column 2).

7. Claims 21 and 22 are rejected under 35 U.S.C § 103(a) as being unpatentable over Ogasawara combined with Swartz et al, U.S. Patent No. 7,040,541 (hereinafter Swartz) in further view of Wagner et al, U.S. Patent No. 6,169,911 (hereinafter Wagner).

Regarding claim 21, Ogasawara does not disclose that the mobile phone is configured to generate a listing of items available for purchase. All the same, Swartz discloses that a

device is configured to generate a listing of items available for purchase (see column 16). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Ogasawara wherein the device is configured to generate a listing of items available for purchase as taught by Swartz. This modification would have improved the system's convenience by allowing for home delivery of goods as suggested by Swartz (see column 16).

Still on the issue of claim 21, the combination of Ogasawara and Swartz does not teach that the device is a mobile phone. Nonetheless, Wagner discloses that the device is a mobile phone (see Figure 5). And so, it would have been obvious to one of ordinary skill in the art at the time the invention was made to further modify the combination of Ogasawara and Swartz wherein the device is a mobile phone as taught by Wagner. This modification would have improved the system’s convenience by incorporating more features into the mobile device as suggested by Wagner (see column 1).

Regarding claim 22, Ogasawara as modified by Swartz and Wagner inherently teaches the claimed feature.

8. Claim 27 is rejected under 35 U.S.C § 103(a) as being unpatentable over Ogasawara combined with Swartz.

Regarding claim 27, Ogasawara discloses that the actuation of the dedicated actuator causes information to be displayed on the mobile phone (see column 18). Still on the issue of claim 27, Ogasawara does not clearly teach that the information identifies the commercial establishment. All the same, Swartz discloses that the information identifies the commercial establishment (see Figure 7A). Therefore, it would have improved the system's reliability by differentiating between purchase transaction programs.

9. Claims 18 and 24 are rejected under 35 U.S.C § 103(a) as being unpatentable over Heinonen et al, U.S. Patent No. 6,078,806 (hereinafter Heinonen) in view of Ogasawara.

Regarding claim 18, Heinonen discloses an apparatus for engaging in wireless commercial transactions, said apparatus comprising:

a mobile phone equipped with a dedicated actuator for initiating a commercial transaction,

a network hub for wireless exchange of information between a commercial establishment and said mobile phone within the boundaries of the establishment; and

a financial/authorization institution for associating a PIN number with said mobile phone and for authorizing transactions initiated by said mobile phone (see Figure 6 and column 10).

Still on the issue of claim 18, Heinonen does not teach that the mobile phone is equipped with an optical input for receiving information concerning prices of goods. Regardless, Ogasawara discloses that the mobile phone is equipped with an optical input for receiving information concerning prices of goods (see Figure 2). As a result, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Heinonen wherein the mobile phone is equipped with an optical input for receiving information concerning prices of goods as taught by Ogasawara. This modification would have improved the system's efficiency by eliminating the need for a dedicated personal shopping system terminal as suggested by Ogasawara (see column 2).

Regarding claim 24, see column 10 of Heinonen.

Conclusion

10. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Olisa

Anwah whose telephone number is 571-272-7533. The examiner can normally be reached on Monday to Friday from 8.30 AM to 6 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Davetta Goins can be reached on 571-272-2957. The fax phone numbers for the organization where this application or proceeding is assigned are 571-273-8300 for regular communications and 571-273-8300 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 571-272-2600.

Olisa Anwah
Patent Examiner
April 16, 2012

/Olisa Anwah/

Primary Examiner, Art Unit 2614

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BIB DATA SHEET

CONFIRMATION NO. 2588

SERIAL NUMBER	FILING or 371(c) DATE RULE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.
12/596,531	10/19/2009	348	2614	30071-002001

APPLICANTS
Paul Poniatowski, Toronto, CANADA;

**** CONTINUING DATA ***************************
This application is a CIP of 12/087,539 07/09/2008
which is a 371 of PCT/CA2004/000513 04/07/2004
which is a CIP of 10/407,222 04/07/2003 PAT 7,606,215

**** FOREIGN APPLICATIONS ***************************

**** IF REQUIRED, FOREIGN FILING LICENSE GRANTED **** ** SMALL ENTITY **
01/24/2011

Foreign Priority claimed ☐ Yes ☑ No 35 USC 119(a-d) conditions met ☐ Yes ☑ No Verified and Acknowledged /OLISA ANWAH/ Examiner's Signature	☐ Met after Allowance Initials	STATE OR COUNTRY	SHEETS DRAWINGS	TOTAL CLAIMS	INDEPENDENT CLAIMS
		CANADA	10	12	1

ADDRESS
OCCHIUTI ROHLICEK & TSAO, LLP
321 Summer St.
Boston, MA 02210
UNITED STATES

TITLE
Mobile Payment System

FILING FEE RECEIVED		
527	FEES: Authority has been given in Paper No._____ to charge/credit DEPOSIT ACCOUNT No._____ for following:	☐ All Fees ☐ 1.16 Fees (Filing) ☐ 1.17 Fees (Processing Ext. of time) ☐ 1.18 Fees (Issue) ☐ Other _____ ☐ Credit

Notice of References Cited	Application/Control No. 12/596,531	Applicant(s)/Patent Under Reexamination PONIATOWSKI, PAUL	
	Examiner OLISA ANWAH	Art Unit 2614	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-6,577,861	06-2003	Ogasawara, Nobuo	455/419
*	B	US-8,135,798	03-2012	Welingkar et al.	709/217
*	C	US-6,112,984	09-2000	Snavely, John D.	235/379
*	D	US-7,388,578	06-2008	Tao, Di	345/173
*	E	US-6,169,911	01-2001	Wagner et al.	455/566
*	F	US-7,040,541	05-2006	Swartz et al.	235/472.02
*	G	US-6,078,806	06-2000	Heinonen et al.	455/406
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 30071-002001	Application No. 12/596,531
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Paul Poniatowski	
		Filing Date 10/19/2009	Group Art Unit Not yet assigned

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	5,896,129	4/20/1999	Murphy, et al.			
	AB	2002/0194264	12/2002	Uchiyama, et al.			
	AC	6,222,826	4/2001	Faynberg, et al.			
	AD	7,149,549	12/2006	Ortiz, et al.			
	AE	5,412,708	5/2/1998	Katz			
	AF	5,774,534	6/30/1998	Mayer			
	AG	2001/0032131	10/18/2001	Mowry			
	AH	2002/0022476	2/21/2002	Go			
	AI	2002/0094787	7/18/2002	Avnet, et al.			
	AJ	2002/0130967	9/19/2002	Sweetser			
	AK	2002/0162113	10/31/2002	Hunter			
	AL	2002/0194622	12/19/2002	Lord			

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation Yes	Translation No
	AM	98/11686	3/19/1998	WIPO				
	AN	02/084909	10/24/2002	WIPO				
	AO	2179993	10/19/1994	China				
	AP	01/33859	5/10/2001	WIPO				
	AQ	2344009	5/24/2000	Great Britain				
	AR	01/27899	4/19/2001	WIPO				
	AS	02/093544	11/21/2002	WIPO				

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AT	

Examiner Signature	/Olisa Anwah/	Date Considered	04/12/2012

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Disclosure Form (PTO-1449)

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /O.A./

REMARKS

SECTION 102 REJECTION OF CLAIM 18

The Office asserts that all limitations of claim 18 are disclosed in figures 1 and 2 of *Ogasawara*.[1]

In fact, this is not the case because *Ogasawara* does not disclose claim 18's limitation of "a mobile phone equipped with a dedicated actuator for initiating a commercial transaction."

Ogasawara appears to describe a system in which a store server downloads an application to a conventional mobile phone. This mobile phone connects to a bar code scanner. The bar code scanner and the application cooperate to enable the phone to be used as a "point of purchase electronic shopping terminal."[2]

The cited reference does indeed disclose "a mobile phone." But this is not all there is to the claim limitation. The plain text of the claim requires more than just a mobile phone. The mobile phone must also have "a dedicated actuator." Moreover, this "dedicated actuator" is not just any "dedicated actuator." It is a particular kind of "dedicated actuator," namely one that is "for initiating a commercial transaction."

Although the cited art discloses a mobile phone, that mobile phone does not have a dedicated actuator. It has a normal keypad that is used to place calls to telephone numbers. Therefore, that keypad cannot be an actuator that is "dedicated" for "initiating a commercial transaction."

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[1] *Ogasawara*, U.S. Patent No. 6,577,861 for "Electronic Shopping System Utilizing a Program Downloadable Wireless Phone," issued June 10, 2003.

[2] *Ogasawara*, col. 3, lines 30-32.

According to *Connell v. Sears, Roebuck & Co.,*[3] "[a]nticipation requires the presence in a single prior art disclosure of all elements of a claimed invention arranged as in the claim."

Since the cited art fails to disclose at least a mobile phone with the dedicated actuator, a rejection under section 102 is improper and should be withdrawn.

All claims dependent on claim 18 are believed to be patentable for at least the reasons set forth above.

SECTION 102 REJECTION OF CLAIM 33

Claim 33 stands rejected as allegedly anticipated by *Ogasawara.*

The Office asserts that each limitation in the claim is disclosed in *Ogasawara*'s figures 1 and 8.

Figure 1 is merely a block diagram of a system that includes a mobile phone scanning a barcode and communicating with various other devices. There is no disclosure in figure 1 of the limitations of the claim. For example, nothing in figure 1 discloses selecting a set of items from candidate items, or communicating a set of selected items to a terminal associated with a commercial establishment, or issuing an instruction to that terminal to request payment authorization.

Figure 8 is merely a flow chart showing the steps involved in retrieving certain information about a caller based on a wireless telephone number and providing that retrieved information to a personal shopping application. This flow chart has nothing to do with the claim limitations.

SECTION 103 REJECTION OF CLAIM 18

Claim 18 stands rejected as being allegedly rendered obvious by the combination of *Ogasawara* and *Heinonen.*[4]

---

[3] *Connell v. Sears, Roebuck & Co.*, 220 U.S.P.Q. 193, 198 (Fed. Cir. 1983),

Allegedly, *Heinonen* discloses each of the claim limitations, except for the "optical input," either in column 10 or in figure 6. The optical input is disclosed by *Ogasawara*. The Office suggests that one of ordinary skill in the art would have found it obvious to modify Heinone's telephone to include an optical input in order to eliminate "the need for a dedicated personal shopping system terminal as suggested by Ogaswara (see column 2)."[5]

The relevant portion of *Ogasawara* is at column 2, lines 30-35, which states:

> By utilizing the customer's own wireless telephone for electronic shopping, rather than using a dedicated personal shopping system terminal, the substantial investment associated with the use of such dedicated personal shopping system terminals is eliminated."[6]

Obviously, what *Ogasawara* says is that using the customer's telephone is what obviates the need to provide a dedicated personal shopping system terminal. It has nothing to do with having an optical input on the telephone. The advantage arises by using the customer's telephone, with or without an optical input.

Applicant recognizes that all such combinations are ultimately made in hindsight. But certain kinds of hindsight reasoning are impermissible. In particular, it is impermissible to use Applicant's disclosure as a recipe for reconstructing the claimed invention, as was the case here.[7]

Additionally, even if one were to make the proposed combination, the result would still fail to disclose the claim's dedicated actuator.

The claim also requires "a network hub for wireless exchange of information between a commercial establishment and said mobile phone."

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[4] *Heinonen*, et al., U.S. Patent No. 6,078,806.

[5] *Office Action*, page 9.

[6] Ogasawara, col. 2, lines 29-34.

[7] *In re Fritch,* 23 U.S.P.Q. 2d 1780, 1784 (Fed. Cir. 1992).

In figure 6, *Heinonen* discloses an IR reader that communicates with a phone. This is certainly not a "network hub" as that term would have been understood by one of ordinary skill in the art at the time of invention.

Claim 18 also requires "a financial/authorization institution for associating a PIN number with said mobile phone and for authorizing transactions initiated by said mobile phone."

Heinonen's figure 6 discloses a computer 22 associated with a financial institution. But this computer does not carry out the functions recited in the claim. According to column 10, the computer 22 transfers cash from an account in the institution to a cash application executing on the phone. This has nothing to do with "associating a PIN number with said mobile phone."

The proposed section 103 rejection is improper for two reasons. First, the proposed motivation to add an optical input is flawed because using the customer's own wireless phone provides the stated advantage, with or without an optical input on the phone. Second, the proposed combination fails to disclose the numerous limitations, including the dedicated actuator, the network hub, and a financial/authorization institution as recited in the claim. For at least the foregoing reasons, Applicant requests reconsideration and withdrawal of the section 103 rejection.

SECTION 102 REJECTION OF CLAIM 19

Claim 19 recites the additional limitation that the mobile phone be "configured to display information about goods scanned by said optical input on a display."

The Office alleges that the above limitation is disclosed in col. 5 of *Ogasawara*.

Column 5 discusses a procedure for password authentication. The cited text has absolutely nothing to do with displaying information about scanned goods.

In the interest of advancing prosecution, Applicant suggests it would be useful for the Office to quote verbatim the particular language in *Ogasawara*'s column 5 that is

alleged to disclose a mobile phone that is "configured to display information about goods scanned by said optical input on a display."

If no such language can be quoted, then obviously *Ogasawara* does not disclose the limitation. In that case, the section 102 rejection should be withdrawn.

SECTION 102 REJECTION OF CLAIM 20

Claim 20 requires the additional limitation that the mobile phone be "configured to provide a sequence of displays to guide a user of said mobile phone through a commercial transaction that includes identification of goods to be purchased and payment associated with said purchase."

The Office alleges that the above limitation is disclosed in *Ogasawara*'s col. 18.

At column 18, *Ogasawara* describes a procedure for making a purchase. However, there is no discussion of a sequence of displays for guiding the user as the claim requires.

In the interest of advancing prosecution, Applicant suggests it would be useful for the Office to quote verbatim the particular language in *Ogasawara*'s column 18 that is alleged to disclose a "mobile phone" that is "configured to provide a sequence of displays to guide a user of said mobile phone through a commercial transaction that includes identification of goods to be purchased and payment associated with said purchase."

If no such language can be quoted, then obviously *Ogasawara* does not disclose the claim limitation. In that case, the section 102 rejection should be withdrawn.

SECTION 102 REJECTION OF CLAIM 28

Claim 28 requires the additional limitation that "actuation of the dedicated actuator" cause "display of a button to consummate a commercial transaction."

The Office alleges that the above limitation is disclosed in *Ogasawara*'s col. 18.

At column 18, *Ogasawara* describes a procedure for making a purchase. However, there is no discussion of actuating a display actuator causing display of a button, let alone a button to "consummate a commercial transaction."

In the interest of advancing prosecution, Applicant suggests it would be useful for the Office to quote verbatim the particular language in *Ogasawara*'s column 18 that is alleged to disclose "actuation of the dedicated actuator" causing "display of a button to consummate a commercial transaction."

If no such language can be quoted, then *Ogasawara* does not disclose the claim limitation. In that case, there is no reason to maintain the section 102 rejection.

SECTION 102 REJECTION OF CLAIM 29

Claim 29 requires that there be "a terminal associated with a point of sale at the commercial establishment" and that this terminal generate "a code." This code is one that is "to be entered in the phone to further the transaction."

The Office alleges that all of these limitations can be found somewhere in *Ogasawara*'s column 10.

The only reference to a code in *Ogasawara*'s column 10 is a password referred to in lines 58-67. But there is no indication that this password is one that is generated by "a terminal associated with a point of sale." In fact, col. 5, lines 13-15 suggest that this password is selected by the customer, not generated by "a terminal associated with a point of sale" as the claim requires.

To the extent a "code" and a password are regarded as being the same thing, the cited reference fails to teach the additional limitation of claim 29 because the password described in the prior art is not generated by a terminal.

SECTION 102 REJECTION OF CLAIM 31

Claim 31 requires the limitation that mobile phone be "configured to receive a coupon applicable to a future transaction."

The Office alleges that such a coupon can be found disclosed somewhere in *Ogasawara*'s column 10.

Ogasawara's column 10 refers to receiving "promotional information" at lines 62-64. But "promotional information" is not a "coupon applicable to a future transaction." A coupon has actual pecuniary value because it enables the holder to acquire something for less money than it would otherwise cost. This is quite different from mere promotional information.

Because *Ogasawara*'s fails to disclose the limitations of claim 31, the section 102 rejection of claim 31 should be withdrawn.

SECTION 103 REJECTION OF CLAIM 24

Claim 24 requires that "communication between the mobile phone and the network hub" be "constrained to remain within the commercial establishment."

The Office alleges that the combination of references discloses this limitation is disclosed somewhere in col. 10 of the *Heinonen*.

Applicant is unable to identify any portion of the cited text that would appear to impose any particular constraint on communication between the mobile phone and any structure that might be regarded as a "network hub." In fact, it is not at all clear what might be regarded as corresponding to the claim's "network hub."

In the interest of advancing prosecution, Applicant requests that the examiner quote verbatim the text from the cited combination that is believed to teach or suggest the limitation of having communication between a mobile phone and a network hub to constrained to remain within the commercial establishment.

To the extent the Office is unable to quote verbatim any such language, it would appear that no teaching or suggestion of that limitation exists, and that there would be no reason not to pass the claim to allowance.

No fees are believed to be due in connection with the filing of this response. However, to the extent fees are due, or if a refund is forthcoming, please adjust our Deposit Account No. 50-4189, referencing Attorney Docket No. 30071-002001.

Respectfully submitted,

Date: May 8, 2012

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280712.doc

Electronic Acknowledgement Receipt

EFS ID:	12727777
Application Number:	12596531
International Application Number:	
Confirmation Number:	2588
Title of Invention:	Mobile Payment System
First Named Inventor/Applicant Name:	Paul Poniatowski
Customer Number:	69713
Filer:	Faustino A. Lichauco/Amanda Wallinger
Filer Authorized By:	Faustino A. Lichauco
Attorney Docket Number:	30071-002001
Receipt Date:	08-MAY-2012
Filing Date:	19-OCT-2009
Time Stamp:	14:04:56
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		30071-002001Response.pdf	342012 8333293a72b281dfc2d204d831fd703e487e4351	yes	9

	Multipart Description/PDF files in .zip description		
	Document Description	**Start**	**End**
	Amendment/Req. Reconsideration-After Non-Final Reject	1	1
	Applicant Arguments/Remarks Made in an Amendment	2	9
Warnings:			
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New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371
If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office
If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	: Paul Poniatowski	Art Unit	: 2614
Serial No.	: 12/596,531	Examiner	: Anwah, Olisa
Filed	: October 19, 2009	Conf. No.	: 2588
Title	: Mobile Payment System		

MAIL STOP AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT IN REPLY TO NON-FINAL ACTION OF APRIL 19, 2012

In response to the non-final action of April 19, 2012, please reconsider the rejection based on the attached remarks.

Search Notes	Application/Control No.	Applicant(s)/Patent under Reexamination	
	12/596,531	PONIATOWSKI, PAUL	
	Examiner	Art Unit	
	OLISA ANWAH	2614	

SEARCHED			
Class	Subclass	Date	Examiner
379	93.12	5/14/12	OA
	93.17		
	93.22		
	91.01		
	201.01		
	201.02		
455	419		
235	462.45		
	472.01		
	472.02		
	462.46		

INTERFERENCE SEARCHED			
Class	Subclass	Date	Examiner

SEARCH NOTES (INCLUDING SEARCH STRATEGY)		
	DATE	EXMR
Spoke with Gerald Gauthier	5/15/12	OA

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/596,531	10/19/2009	Paul Poniatowski	30071-002001	2588

69713 7590 05/22/2012

OCCHIUTI ROHLICEK & TSAO, LLP
321 Summer St.
Boston, MA 02210

EXAMINER
ANWAH, OLISA

ART UNIT	PAPER NUMBER
2614	

NOTIFICATION DATE	DELIVERY MODE
05/22/2012	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

INFO@ORTPATENT.COM

Office Action Summary	Application No.	Applicant(s)	
	12/596,531	PONIATOWSKI, PAUL	
	Examiner	Art Unit	
	OLISA ANWAH	2614	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE *3* MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *08 May 2012*.

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.

4)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

5)☒ Claim(s) *1-31* is/are pending in the application.

5a) Of the above claim(s) *1-17* is/are withdrawn from consideration.

6)☐ Claim(s) _____ is/are allowed.

7)☒ Claim(s) *18-27 and 30-33* is/are rejected.

8)☒ Claim(s) *28,29 and 33* is/are objected to.

9)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

10)☐ The specification is objected to by the Examiner.

11)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

12)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

13)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

DETAILED ACTION

Claim Objections

1. Claim 33 is objected to because of the following informalities: the term "commercial establishment" in line 8 lacks proper antecedent basis. Appropriate correction is required.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless -
>
> (e) the invention was described in-
> (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effect under this subsection of a national application published under section 122(b) only if the international application designating the United States was published under Article 21(2)(a) of such treaty in the English language; or
> (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that a patent shall not be deemed filed in the United States for the purposes of this subsection based on the filing of an international application filed under the treaty defined in section 351(a).

3. Claim 33 is rejected under 35 U.S.C. § 102(e) as being anticipated by Zalewski et al, U.S. Patent Application Publication No. 2005/0017068 (hereinafter Zalewski).

Regarding 33, Zalewski discloses a method for engaging in a wireless commercial transaction, the method comprising:

at a mobile phone, receiving information concerning candidate items for a commercial transaction;

selecting, on said phone, a set of selected items from the candidate items;

establishing communication between said phone and a terminal associated with the commercial establishment;

using the phone, communicating the set of selected items to the terminal; and

using the phone, issuing an instruction to the terminal to request authorization of payment (see paragraphs 0097 and 0077).

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

5. Claims 18-20, 23, 25 and 30 are rejected under 35 U.S.C § 103(a) as being unpatentable over Ogasawara, U.S. Patent No.

6,577,861 (hereinafter Ogasawara) in view of Snavely, U.S. Patent No. 6,112,984 (hereinafter Snavely).

Regarding claim 18, Ogasawara discloses an apparatus for engaging in wireless commercial transactions, said apparatus comprising:

a mobile phone equipped with an actuator for initiating a commercial transaction, and an optical input for receiving information concerning prices of goods;

a network hub for wireless exchange of information between a commercial establishment and said mobile phone within the boundaries of the establishment; and

a financial/authorization institution for associating a PIN number with said mobile phone and for authoring transactions initiated by said mobile phone (see Figures 1 and 8).

Still on the issue of claim 18, Ogasawara does not teach that the actuator is dedicated. All the same, Snavely discloses that the actuator is dedicated (see Figure 6). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Ogasawara wherein the actuator is dedicated as taught by Snavely. This modification would have improved the system’s user friendliness by providing clarity.

Regarding claim 19, Ogasawara discloses that the mobile phone is configured to display information about goods scanned by said optical input on a display (from column 5, see When a customer scans an item, the telephone sends the scanned bar code information to the server. The server then preferably returns a description of the item and information. This item description and price information is displayed on the telephone's display).

Regarding claim 20, Ogasawara discloses that the mobile phone is configured to provide a sequence of displays to guide a user of said mobile phone through a commercial transaction that includes identification of goods to be purchased and payment associated with said purchase (from column 18, see the following passages after each product is selected, a description of the product and the price thereof is shown in the display **42** of the wireless telephone **18.** and the purchaser indicates that all desired purchases have been made by pressing a predetermined key of the keypad **44.** The wireless telephone **18** then responds by displaying the total price of all purchases).

Regarding claim 23, see column 18 of Ogasawara.

Regarding claim 25, Ogasawara as modified by Snavely inherently teaches the claimed feature.

Regarding claim 30, see column 11 of Ogasawara.

6. Claims 21 and 22 are rejected under 35 U.S.C § 103(a) as being unpatentable over Ogasawara combined with Snavely and Swartz et al, U.S. Patent No. 7,040,541 (hereinafter Swartz) in further view of Wagner et al, U.S. Patent No. 6,169,911 (hereinafter Wagner).

Regarding claim 21, the combination of Ogasawara and Snavely does not disclose that the mobile phone is configured to generate a listing of items available for purchase. All the same, Swartz discloses that a device is configured to generate a listing of items available for purchase (see column 16). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to further modify the combination of Ogasawara and Snavely wherein the device is configured to generate a listing of items available for purchase as taught by Swartz. This modification would have improved the system's convenience by allowing for home delivery of goods as suggested by Swartz (see column 16).

Still on the issue of claim 21, the combination of Ogasawara, Snavely and Swartz does not teach that the device is a mobile phone. Nonetheless, Wagner discloses that the device is a mobile phone (see Figure 5). And so, it would have been obvious to one of ordinary skill in the art at the time the invention was made to further modify the combination of Ogasawara, Snavely and Swartz wherein the device is a mobile phone as taught by Wagner. This modification would have improved the system's convenience by incorporating more features into the mobile device as suggested by Wagner (see column 1).

Regarding claim 22, the combination of Ogasawara, Snavely and Swartz as modified by Wagner inherently teaches the claimed feature.

7. Claim 26 is rejected under 35 U.S.C § 103(a) as being unpatentable over Ogasawara combined with Snavely in further view of Tao, U.S. Patent No. 7,388,578 (hereinafter Tao).

Regarding claim 26, the combination of Ogasawara and Snavely does not teach that the button comprises a touch-sensitive region on a display of the mobile phone. Even so, Tao discloses that the button comprises a touch-sensitive region on a display of the mobile phone (see Figure 6). And so, it would

have been obvious to one of ordinary skill in the art at the time the invention was made to further modify the combination of Ogasawara and Snavely wherein the button comprises a touch-sensitive region on a display of the mobile phone as taught by Tao. This modification would have improved the system's flexibility by providing multiple operating positions as suggested by Tao (see column 2).

8. Claim 27 is rejected under 35 U.S.C § 103(a) as being unpatentable over Ogasawara combined with Snavely in further view of Swartz.

Regarding claim 27, Ogasawara discloses that the actuation of the dedicated actuator causes information to be displayed on the mobile phone (see column 18). Still on the issue of claim 27, the combination of Ogasawara and Snavely does not clearly teach that the information identifies the commercial establishment. All the same, Swartz discloses that the information identifies the commercial establishment (see Figure 7A). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to further modify the combination of Ogasawara and Snavely wherein the information identifies the commercial establishment as taught by Swartz. This modification would have improved the system's

reliability by differentiating between purchase transaction programs.

9. Claim 32 is rejected under 35 U.S.C § 103(a) as being unpatentable over Ogasawara combined with Snavely in further view of Welingkar et al, U.S. Patent No. 8,135,798 (hereinafter Welingkar).

Regarding claim 32, the combination of Ogasawara and Snavely does not clearly teach that the mobile phone is configured to be remotely erased by the financial/authorization institution. All the same, Welingkar discloses that the mobile phone is configured to be remotely erased by the authorization institution (see Figure 10). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to further modify the combination of Ogasawara and Snavely wherein the mobile phone is configured to be remotely erased by the authorization institution as taught by Welingkar. This modification would have improved the system reliability by improving security.

10. Claim 31 is rejected under 35 U.S.C § 103(a) as being unpatentable over Ogasawara combined with Snavely in further

view of Rissanen, U.S. Patent No. 7,308,254 (hereinafter Rissanen).

Regarding claim 31, the combination of Ogasawara and Snavely does not disclose the mobile phone is configured to receive a coupon applicable to a future transaction with the commercial establishment. All the same, Rissanen discloses that the mobile phone is configured to receive a coupon applicable to a future transaction with the commercial establishment (see abstract). For this reason, it would have been obvious to one of ordinary skill in the art at the time the invention was made to further modify the combination of Ogasawara and Snavely wherein the mobile phone is configured to receive a coupon applicable to a future transaction with the commercial establishment as taught by Rissanen. This modification would have improved the system's efficiency by reducing the length of checkout lines as suggested by Rissanen (see column 1).

11. Claim 24 is rejected under 35 U.S.C § 103(a) as being unpatentable over Ogasawara combined with Snavely in further view of Johar et al, U.S. Patent Application Publication No. 2009/0168695 (hereinafter Johar).

Regarding claim 24, the combination of Ogasawara and Snavely does not explicitly teach that a communication between

the mobile phone and the network hub is constrained to remain with the commercial establishment. All the same, Johar discloses that the communication between the mobile phone and the network hub is constrained to remain within the establishment (see abstract). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to further modify the combination of Ogasawara and Snavely wherein a communication between the mobile phone and the network hub is constrained to remain within the establishment as taught Johar. This modification would have improved the system's security by preventing unauthorized users from clandestinely connecting to the wireless network as suggested by Johar (see paragraph 0007).

Allowable Subject Matter

12. Claims 28 and 29 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Response to Arguments

13. Applicant’s arguments have been considered but are deemed to be moot in view of the new grounds of rejection.

Conclusion

14. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Olisa Anwah whose telephone number is 571-272-7533. The examiner can normally be reached on Monday to Friday from 8.30 AM to 6 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Davetta Goins can be reached on 571-272-2957. The fax phone numbers for the organization where this application or proceeding is assigned are 571-273-8300 for regular communications and 571-273-8300 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 571-272-2600.

Olisa Anwah
Patent Examiner
May 16, 2012

/Olisa Anwah/

Primary Examiner, Art Unit 2614

Notice of References Cited	Application/Control No. 12/596,531	Applicant(s)/Patent Under Reexamination PONIATOWSKI, PAUL	
	Examiner OLISA ANWAH	Art Unit 2614	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-6,112,984	09-2000	Snavely, John D.	235/379
*	B	US-6,577,861	06-2003	Ogasawara, Nobuo	455/419
*	C	US-7,040,541	05-2006	Swartz et al.	235/472.02
*	D	US-6,169,911	01-2001	Wagner et al.	455/566
*	E	US-7,388,578	06-2008	Tao, Di	345/173
*	F	US-8,135,798	03-2012	Welingkar et al.	709/217
*	G	US-7,308,254	12-2007	Rissanen, Jussi	455/414.1
*	H	US-2005/0017068	01-2005	Zalewski et al.	235/380
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Electronic Patent Application Fee Transmittal

Application Number:	12596531
Filing Date:	19-Oct-2009
Title of Invention:	Mobile Payment System
First Named Inventor/Applicant Name:	Paul Poniatowski
Filer:	Faustino A. Lichauco/Amanda Wallinger
Attorney Docket Number:	30071-002001

Filed as Small Entity

Utility under 35 USC 111(a) Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
Pages:				
Claims:				
Claims in excess of 20	2202	8	30	240
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Miscellaneous:				
		Total in USD ($)		**240**

PTO/SB/06 (07-06)
Approved for use through 1/31/2007. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PATENT APPLICATION FEE DETERMINATION RECORD

Substitute for Form PTO-875

Application or Docket Number	Filing Date	☐ To be Mailed
12/596,531	10/19/2009	

APPLICATION AS FILED – PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA	SMALL ENTITY ☒ RATE ($)	SMALL ENTITY ☒ FEE ($)	OR	OTHER THAN SMALL ENTITY RATE ($)	OTHER THAN SMALL ENTITY FEE ($)
☒ BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A	82		N/A	
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A			N/A	
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A			N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*	X $ =		OR	X $ =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*	X $ =			X $ =	
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $250 ($125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).						
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))							
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL	82		TOTAL	

APPLICATION AS AMENDED – PART II

AMENDMENT 06/11/2012	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	SMALL ENTITY RATE ($)	SMALL ENTITY ADDITIONAL FEE ($)	OR	OTHER THAN SMALL ENTITY RATE ($)	OTHER THAN SMALL ENTITY ADDITIONAL FEE ($)
Total (37 CFR 1.16(i))	* 28	Minus	** 20	= 8	X $30 =	240	OR	X $ =	
Independent (37 CFR 1.16(h))	* 2	Minus	***3	= 0	X $125 =	0	OR	X $ =	
☐ Application Size Fee (37 CFR 1.16(s))									
☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
					TOTAL ADD'L FEE	240	OR	TOTAL ADD'L FEE	

AMENDMENT	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)	OR	RATE ($)	ADDITIONAL FEE ($)
Total (37 CFR 1.16(i))	*	Minus	**	=	X $ =		OR	X $ =	
Independent (37 CFR 1.16(h))	*	Minus	***	=	X $ =		OR	X $ =	
☐ Application Size Fee (37 CFR 1.16(s))									
☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
					TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

Legal Instrument Examiner:
/TAMMY MCBETH BROWN/

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

REMARKS

Applicant acknowledges the indication of allowable subject matter in claims 28 and 29. In response, Applicant amends independent claim 18 to recite the limitations of claim 29. Claim 29 is cancelled as being superfluous in view of the amendment to claim 18. Applicant adds new independent claim 34, which recites the subject matter of claim 28 in independent form, together with new claims dependent on claim 34. These new dependent claims correspond to dependent claims that have been pending. No new matter is introduced by the amendments. In view of the foregoing amendments, the application is now in condition for allowance.

Applicant's amendments are in no way to be regarded as an admission that Applicant agrees with the examiner's position. Applicant amends the claims solely to expedite prosecution and to obtain at least some of what he is entitled to under the patent laws. Applicant reserves the right to further prosecute the originally filed claims in a continuation application.

Now pending in this application are a total of 27 claims, namely claims 18-28, 30-32, and 34-47, of which claims 18 and 34 are independent. The excess claims fee in the amount of $240 for 8 excess claims are being paid concurrently herewith on the Electronic Filing System (EFS) by way of Deposit Account authorization. Please apply any other charges or credits to Deposit Account No. 50-4189, referencing Attorney Docket No. 30071-002001.

Respectfully submitted,

Date: June 11, 2012

Faustino A. Lichauco
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Telephone: (617) 500-2533
Facsimile: (617) 500-2499
286407.doc

Electronic Acknowledgement Receipt

EFS ID:	12981724
Application Number:	12596531
International Application Number:	
Confirmation Number:	2588
Title of Invention:	Mobile Payment System
First Named Inventor/Applicant Name:	Paul Poniatowski
Customer Number:	69713
Filer:	Faustino A. Lichauco/Amanda Wallinger
Filer Authorized By:	Faustino A. Lichauco
Attorney Docket Number:	30071-002001
Receipt Date:	11-JUN-2012
Filing Date:	19-OCT-2009
Time Stamp:	15:07:30
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	$240
RAM confirmation Number	1610
Deposit Account	504189
Authorized User	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)

1		30071-002001Response.pdf	214380 095ae2151b0ee41da73483f43e3e058a8eb65198	yes	7

Multipart Description/PDF files in .zip description		
Document Description	**Start**	**End**
Amendment/Req. Reconsideration-After Non-Final Reject	1	1
Claims	2	6
Applicant Arguments/Remarks Made in an Amendment	7	7

Warnings:

Information:

2	Fee Worksheet (SB06)	fee-info.pdf	30086 7db945df0268b8b7bc1b4bd73d8a80d9f4303544	no	2

Warnings:

Information:

Total Files Size (in bytes):	244466

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371
If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office
If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of claims:

1-17 (Cancelled)

18. (Currently Amended) An apparatus for engaging in wireless commercial transactions, said apparatus comprising: a mobile phone equipped with a dedicated actuator for initiating a commercial transaction, and an optical input for receiving information concerning prices of goods; a network hub for wireless exchange of information between a commercial establishment and said mobile phone within the boundaries of the establishment; and a financial/authorization institution for associating a PIN number with said mobile phone and for authorizing transactions initiated by said mobile phone, wherein a terminal associated with a point of sale at the commercial establishment generates a code to be entered in the phone to further the transaction.

19. (Currently Amended) The apparatus of claim **18**, wherein the mobile phone is configured to display information about goods scanned by said optical input on a display.

20. (Previously Presented) The apparatus of claim **18**, wherein the mobile phone is configured to provide a sequence of displays to guide a user of said mobile phone through a commercial transaction that includes identification of goods to be purchased and payment associated with said purchase.

21. (Previously Presented) The apparatus of claim **18**, wherein the mobile phone is configured to generate a listing of items available for purchase.

22. (Previously Presented) The apparatus of claim **21**, wherein the mobile phone is further configured to solicit a selection of a subset of items from said listing.

23. (Previously Presented) The apparatus of claim **18**, wherein the mobile phone is configured to display information concerning an incomplete commercial transaction.

24. (Previously Presented) The apparatus of claim **18**, wherein a communication between the mobile phone and the network hub is constrained to remain within the commercial establishment.

25. (Previously Presented) The apparatus of claim **18**, wherein the dedicated actuator comprises a button labeled with a symbolic indication of a function thereof.

26. (Previously Presented) The apparatus of claim **25**, wherein the button comprises a touch-sensitive region on a display of the mobile phone.

27. (Previously Presented) The apparatus of claim **18**, wherein actuation of the dedicated actuator causes information identifying the commercial establishment to be displayed on the mobile phone.

28. (Previously Presented) The apparatus of claim **18**, wherein actuation of the dedicated actuator causes display of a button to consummate a commercial transaction.

29. (Cancelled)

30. (Previously Presented) The apparatus of claim **18**, wherein the mobile phone is configured to, on the basis of data provided by the optical input, display a price of an item.

31. (Previously Presented) The apparatus of claim **18**, wherein the mobile phone is configured to receive a coupon applicable to a future transaction with the commercial establishment.

32. (Previously Presented) The apparatus of claim **18**, wherein the mobile phone is configured to be remotely erased by the financial/authorization institution.

33. (Cancelled)

34. (New) An apparatus for engaging in wireless commercial transactions, said apparatus comprising: a mobile phone equipped with a dedicated actuator for initiating a commercial transaction, and an optical input for receiving information concerning prices of goods; a network hub for wireless exchange of information between a commercial establishment and said mobile phone within the boundaries of the establishment; and a financial/authorization institution for associating a PIN number with said mobile phone and for authorizing transactions initiated by said mobile phone, wherein actuation of the dedicated actuator causes display of a button to consummate a commercial transaction.

35. (New) The apparatus of claim **34**, wherein said mobile phone is configured to display information about goods scanned by said optical input on a display.

36. (New) The apparatus of claim **34**, wherein the mobile phone is configured to provide a sequence of displays to guide a user of said mobile phone through a commercial transaction that includes identification of goods to be purchased and payment associated with said purchase.

37. (New) The apparatus of claim **34**, wherein the mobile phone is configured to generate a listing of items available for purchase.

38. (New) The apparatus of claim **27**, wherein the mobile phone is further configured to solicit a selection of a subset of items from said listing.

39. (New) The apparatus of claim **34**, wherein the mobile phone is configured to display information concerning an incomplete commercial transaction.

40. (New) The apparatus of claim **34**, wherein a communication between the mobile phone and the network hub is constrained to remain within the commercial establishment.

41. (New) The apparatus of claim **34**, wherein the dedicated actuator comprises a button labeled with a symbolic indication of a function thereof.

42. (New) The apparatus of claim **41**, wherein the button comprises a touch-sensitive region on a display of the mobile phone.

43. (New) The apparatus of claim **34**, wherein actuation of the dedicated actuator causes information identifying the commercial establishment to be displayed on the mobile phone.

44. (New) The apparatus of claim **34**, wherein a terminal associated with a point of sale at the commercial establishment generates a code to be entered in the phone to further the transaction.

45. (New) The apparatus of claim **34**, wherein the mobile phone is configured to, on the basis of data provided by the optical input, display a price of an item.

46. (New) The apparatus of claim **34**, wherein the mobile phone is configured to receive a coupon applicable to a future transaction with the commercial establishment.

47. (New) The apparatus of claim **34**, wherein the mobile phone is configured to be remotely erased by the financial/authorization institution.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	: Paul Poniatowski	Art Unit	: 2614
Serial No.	: 12/596,531	Examiner	: Anwah, Olisa
Filed	: October 19, 2009	Conf. No.	: 2588
Title	: Mobile Payment System		

MAIL STOP AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT IN REPLY TO NON-FINAL ACTION OF MAY 22, 2012

Please amend the above-identified application as follows to place the application in condition for allowance.

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	13204	(telephone or phone) with scanner	US-PGPUB; USPAT	OR	OFF	2012/06/12 13:29
L2	983	(telephone or phone) with scanner and (telephone or phone) with purchas$3	US-PGPUB; USPAT	OR	OFF	2012/06/12 13:30
L4	752	(telephone or phone) with scanner and (telephone or phone) with purchas$3 and (credit adj card)	US-PGPUB; USPAT	OR	OFF	2012/06/12 13:36
L5	466	(telephone or phone) with scanner and (telephone or phone) with purchas$3 and (credit adj card) and (price same product)	US-PGPUB; USPAT	OR	OFF	2012/06/12 13:38
L6	450	(telephone or phone) with scanner and (telephone or phone) with purchas$3 and (credit adj card) and (price same product) and (@ad<="20091019" or @rlad<="20091019")	US-PGPUB; USPAT	OR	OFF	2012/06/12 13:40
L7	398	(telephone or phone) with scanner and (telephone or phone) with purchas$3 and (credit adj card) and (price same product) and (@ad<="20091019" or @rlad<="20091019") and (password or PIN)	US-PGPUB; USPAT	OR	OFF	2012/06/12 13:42

6/ 12/ 2012 1:45:34 PM

EAST Search History

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	(wireless same phone same PIN same goods).clm.	US-PGPUB	OR	OFF	2012/06/12 13:09

6/12/2012 1:09:56 PM

Search Notes

Application/Control No.	Applicant(s)/Patent under Reexamination
12/596,531	PONIATOWSKI, PAUL
Examiner	**Art Unit**
OLISA ANWAH	2614

SEARCHED			
Class	Subclass	Date	Examiner
379	93.12	6/12/12	OA
	93.17		
	93.22		
	91.01		
	201.01		
	201.02		
455	419		
235	462.45		
	472.01		
	472.02		
	262.46		

INTERFERENCE SEARCHED			
Class	Subclass	Date	Examiner
see attached interference search		6/12/12	OA

SEARCH NOTES (INCLUDING SEARCH STRATEGY)		
	DATE	EXMR

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

69713 7590 06/18/2012
OCCHIUTI ROHLICEK & TSAO, LLP
321 Summer St.
Boston, MA 02210

EXAMINER
ANWAH, OLISA

ART UNIT	PAPER NUMBER
2614	

DATE MAILED: 06/18/2012

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/596,531	10/19/2009	Paul Poniatowski	30071-002001	2588

TITLE OF INVENTION: MOBILE PAYMENT SYSTEM

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	$870	$300	$0	$1170	09/18/2012

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail **Mail Stop ISSUE FEE**
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or Fax (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

69713 7590 06/18/2012
OCCHIUTI ROHLICEK & TSAO, LLP
321 Summer St.
Boston, MA 02210

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission
I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/596,531	10/19/2009	Paul Poniatowski	30071-002001	2588

TITLE OF INVENTION: MOBILE PAYMENT SYSTEM

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	$870	$300	$0	$1170	09/18/2012

EXAMINER	ART UNIT	CLASS-SUBCLASS
ANWAH, OLISA	2614	379-093120

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).
- ❑ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ❑ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list
(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.
1 _____
2 _____
3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent) : ❑ Individual ❑ Corporation or other private group entity ❑ Government

4a. The following fee(s) are submitted:
- ❑ Issue Fee
- ❑ Publication Fee (No small entity discount permitted)
- ❑ Advance Order - # of Copies _____

4b. Payment of Fee(s): (**Please first reapply any previously paid issue fee shown above**)
- ❑ A check is enclosed.
- ❑ Payment by credit card. Form PTO-2038 is attached.
- ❑ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

5. **Change in Entity Status** (from status indicated above)
- ❑ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.
- ❑ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature _____ Date _____

Typed or printed name _____ Registration No. _____

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

IPR2024-00731
APPLE EX1002 Page 256

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/596,531	10/19/2009	Paul Poniatowski	30071-002001	2588

69713 7590 06/18/2012

OCCHIUTI ROHLICEK & TSAO, LLP
321 Summer St.
Boston, MA 02210

EXAMINER	
ANWAH, OLISA	
ART UNIT	PAPER NUMBER
2614	

DATE MAILED: 06/18/2012

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 352 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 352 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Notice of Allowability	Application No.	Applicant(s)	
	12/596,531	PONIATOWSKI, PAUL	
	Examiner	Art Unit	
	OLISA ANWAH	2614	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *the amendment filed on 6/11/2012*.
2. ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.
3. ☒ The allowed claim(s) is/are *18-28, 30-32 and 34-47*.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
   a) ☐ All b) ☐ Some* c) ☐ None of the:
      1. ☐ Certified copies of the priority documents have been received.
      2. ☐ Certified copies of the priority documents have been received in Application No. _____ .
      3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

   * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
   (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
   (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

   Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____ .
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

/Olisa Anwah/
Primary Examiner, Art Unit 2614

IPR2024-00731
APPLE EX1002 Page 259

Allowance

1. Claims 18-28, 30-32 and 34-47 are allowed.

2. The following is an examiner's statement of reasons for allowance:

Claim 18 is allowed because Ogasawara, U.S. Patent No. 6,577,861 (hereinafter Ogasawara) does not disclose a terminal associated with a point of sale at the commercial establishment generates a code to be entered in the phone to further the transaction.

Claim 34 is allowed because Ogasawara does not teach that actuation of the dedicated actuator causes display of a button to consummate a commercial transaction.

3. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance".

Conclusion

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Olisa

Anwah whose telephone number is 571-272-7533. The examiner can normally be reached on Monday to Friday from 8.30 AM to 6 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Davetta Goins can be reached on 571-272-2957. The fax phone numbers for the organization where this application or proceeding is assigned are 571-273-8300 for regular communications and 571-273-8300 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 571-272-2600.

Olisa Anwah
Patent Examiner
June 13, 2012

/Olisa Anwah/

Primary Examiner, Art Unit 2614

Issue Classification	Application/Control No.	Applicant(s)/Patent under Reexamination	
	12/596,531	PONIATOWSKI, PAUL	
	Examiner	Art Unit	
	OLISA ANWAH	2614	

ISSUE CLASSIFICATION

ORIGINAL			CROSS REFERENCE(S)						
CLASS	SUBCLASS	CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)						
379	93.12	379	93.22						
INTERNATIONAL CLASSIFICATION		235	462.45	472.01					
H 0 4 M	11/00								
	/								
	/								
	/								
	/								

(Assistant Examiner) (Date)	/Olisa Anwah/ 6-15-2012	Total Claims Allowed: 28	
(Legal Instruments Examiner) (Date)	(Primary Examiner) (Date)	O.G. Print Claim(s): 34	O.G. Print Fig.: 12

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47

Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original
	1	13	31		61		91		121		151		181
	2	14	32		62		92		122		152		182
	3		33		63		93		123		153		183
	4	15	34		64		94		124		154		184
	5	16	35		65		95		125		155		185
	6	17	36		66		96		126		156		186
	7	18	37		67		97		127		157		187
	8	19	38		68		98		128		158		188
	9	20	39		69		99		129		159		189
	10	21	40		70		100		130		160		190
	11	22	41		71		101		131		161		191
	12	23	42		72		102		132		162		192
	13	24	43		73		103		133		163		193
	14	25	44		74		104		134		164		194
	15	26	45		75		105		135		165		195
	16	27	46		76		106		136		166		196
	17	28	47		77		107		137		167		197
1	18		48		78		108		138		168		198
2	19		49		79		109		139		169		199
3	20		50		80		110		140		170		200
4	21		51		81		111		141		171		201
5	22		52		82		112		142		172		202
6	23		53		83		113		143		173		203
7	24		54		84		114		144		174		204
8	25		55		85		115		145		175		205
9	26		56		86		116		146		176		206
10	27		57		87		117		147		177		207
11	28		58		88		118		148		178		208
	29		59		89		119		149		179		209
12	30		60		90		120		150		180		210

IPR2024-00731
APPLE EX1002 Page 262

Notice of References Cited	Application/Control No. 12/596,531	Applicant(s)/Patent Under Reexamination PONIATOWSKI, PAUL	
	Examiner OLISA ANWAH	Art Unit 2614	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-2005/0017068	01-2005	Zalewski et al.	235/380
*	B	US-6,577,861	06-2003	Ogasawara, Nobuo	455/419
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Electronic Patent Application Fee Transmittal

Application Number:	12596531
Filing Date:	19-Oct-2009
Title of Invention:	MOBILE PAYMENT SYSTEM
First Named Inventor/Applicant Name:	Paul Poniatowski
Filer:	Faustino A. Lichauco/Scott Chappell
Attorney Docket Number:	30071-002001

Filed as Small Entity

Utility under 35 USC 111(a) Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Utility Appl issue fee	2501	1	870	870
Publ. Fee- early, voluntary, or normal	1504	1	300	300

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Extension-of-Time:				
Miscellaneous:				
			Total in USD ($)	**1170**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Paul Poniatowski
Serial No. : 12/596,531
Filed : October 19, 2009
Title : Mobile Payment System
Notice of Allowance Date: June 18, 2012

Art Unit : 2614
Examiner : Anwah, Olisa
Conf. No. : 2588

MAIL STOP ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO NOTICE OF ALLOWANCE

In response to the Notice of Allowance mailed June 18, 2012, enclosed are a completed issue fee transmittal form PTOL 85b (1 page) and an Amendment Under 37 CFR 1.312 (3 pages).

The required fee in the amount of $1,170.00 is being paid concurrently herewith on the Electronic Filing System (EFS) by way of Deposit Account authorization. Please apply any other charges or credits to Deposit Account No. 50-4189, referencing Attorney Docket No. 30071-002001.

Respectfully submitted,

Date: July 26, 2012



Faustino A. Lichauco
Reg. No. 41,942

Customer No. 69713
Occhiuti Rohlicek & Tsao LLP
321 Summer St., Boston, MA 02210
Telephone: (617) 500-2535
Facsimile: (617) 500-2499

297216.doc

AMENDMENTS TO THE SPECIFICATION

Please replace the title beginning on page 1, at line 1 with the following new title:

Mobile Payment System

REMARKS

The substitute specification submitted on May 25, 2011 in connection with the subject application included the incorrect title of the application. Applicant has amended the specification to replace the title of the application with the correct title of record with the U.S. Patent and Trademark Office.

No fee is deemed necessary with the filing of this amendment. Please apply any other charges or credits to Deposit Account No. 50-4189, referencing Attorney Docket No. 30071-002001.

Respectfully submitted,

Date: July 26, 2012

Faustino A. Lichauco
Reg. No. 41,942

Customer No. 69713
Occhiuti Rohlicek & Tsao LLP
321 Summer St., Boston, MA 02210
Telephone: (617) 500-2535
Facsimile: (617) 500-2499

297250.doc

Electronic Acknowledgement Receipt

EFS ID:	13351343
Application Number:	12596531
International Application Number:	
Confirmation Number:	2588
Title of Invention:	MOBILE PAYMENT SYSTEM
First Named Inventor/Applicant Name:	Paul Poniatowski
Customer Number:	69713
Filer:	Faustino A. Lichauco/Scott Chappell
Filer Authorized By:	Faustino A. Lichauco
Attorney Docket Number:	30071-002001
Receipt Date:	26-JUL-2012
Filing Date:	19-OCT-2009
Time Stamp:	17:19:38
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	$1170
RAM confirmation Number	4797
Deposit Account	504189
Authorized User	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)

IPR2024-00731
APPLE EX1002 Page 269

1		30071-002001_Response_to_NOA_and_312_Amd_July_26_2012.pdf	168973 4acf624f803565325af32719aa8a0aa2e682cf94	yes	5

Multipart Description/PDF files in .zip description		
Document Description	**Start**	**End**
Issue Fee Payment (PTO-85B)	1	2
Amendment after Notice of Allowance (Rule 312)	3	5

Warnings:

Information:

2	Fee Worksheet (SB06)	fee-info.pdf	31679 7878f4e4037e7711402dd878c549979548b3424e	no	2

Warnings:

Information:

Total Files Size (in bytes):	200652

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

PART B – FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail **Mail Stop ISSUE FEE**
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or Fax (571) 273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)

69713 7590 June 18, 2012

Occhiuti Rohlicek & Tsao LLP
321 Summer St.
Boston, MA 02210

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/596,531	October 19, 2009	Paul Poniatowski	30071-002001	2588

TITLE OF INVENTION: **Mobile Payment System**

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
Nonprovisional	**YES**	**$870**	$300	**$1170**	**09/18/2012**

EXAMINER	ART UNIT	CLASS-SUBCLASS
ANWAH, OLISA	2614	379-093120

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

[ ] Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

[ ] "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1. **Occhiuti Rohlicek & Tsao LLP**
2. _____
3. _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE (B) RESIDENCE (CITY and STATE OR COUNTRY)

Paul Poniatowski **Toronto, Canada**

Please check the appropriate assignee category or categories (will not be printed on the patent): **[X]** individual [ ] corporation or other private group entity [ ] government

4a. The following fee(s) are enclosed:
[X] Issue Fee
[X] Publication Fee (No small entity discount permitted)
[ ] Advance Order - # of Copies _____

4b. Payment of Fee(s):
[ ] A check in the amount of the fee(s) is enclosed.
[ ] Payment by credit card. Form PTO-2038 is attached.
[X] The Director is hereby authorized to charge the required fee(s), or credit any overpayment, to Deposit Account Number 50-4189.

5. **Change in Entity Status** (from status indicated above)

[ ]a. Applicant claims SMALL ENTITY status. See 37 CFR 1.2.7. [ ]b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.
NOTE: The issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant, a registered agent or; or the assignee or other party in interest as shown by the records of the Untied States Patent and Trademark Office.

(Authorized Signature) _____ (Date) July 26, 2012

Typed or Printed Name Faustino A. Lichauco Registration No. 41,942

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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TRANSMIT THIS FORM WITH FEE(S)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	: Paul Poniatowski	Art Unit	: 2614
Serial No.	: 12/596,531	Examiner	: Anwah, Olisa
Filed	: October 19, 2009		
Title	: Mobile Payment System		

MAIL STOP AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT UNDER 37 CFR 1.312

Prior to examination, please amend the application as follows:

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	TOT CLAIMS	IND CLAIMS
12/596,531	10/19/2009	2614	1067	30071-002001	12	1

CONFIRMATION NO. 2588

CORRECTED FILING RECEIPT

69713
OCCHIUTI ROHLICEK & TSAO, LLP
321 Summer St.
Boston, MA 02210

OC000000055639659

Date Mailed: 07/30/2012

Receipt is acknowledged of this non-provisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please submit a written request for a Filing Receipt Correction. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections**

Applicant(s)

Paul Poniatowski, Toronto, CANADA;

Power of Attorney: The patent practitioners associated with Customer Number 69713

Domestic Priority data as claimed by applicant

This application is a CIP of 12/087,539 07/09/2008
which is a 371 of PCT/CA2004/000513 04/07/2004

Foreign Applications (You may be eligible to benefit from the **Patent Prosecution Highway** program at the USPTO. Please see http://www.uspto.gov for more information.)

If Required, Foreign Filing License Granted: 01/24/2011

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 12/596,531**

Projected Publication Date: Not Applicable

Non-Publication Request: No

Early Publication Request: No
** **SMALL ENTITY** **

IPR2024-00731
APPLE EX1002 Page 273

Title

MOBILE PAYMENT SYSTEM

Preliminary Class

379

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at http://www.uspto.gov/web/offices/pac/doc/general/index.html.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, http://www.stopfakes.gov. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

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Title 35, United States Code, Section 184

Title 37, Code of Federal Regulations, 5.11 & 5.15

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IPR2024-00731
APPLE EX1002 Page 274

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The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign AssetsControl, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

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UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/596,531	10/19/2009	Paul Poniatowski	30071-002001	2588

69713 7590 08/21/2012

OCCHIUTI ROHLICEK & TSAO, LLP
321 Summer St.
Boston, MA 02210

EXAMINER	
ANWAH, OLISA	
ART UNIT	PAPER NUMBER
2614	

NOTIFICATION DATE	DELIVERY MODE
08/21/2012	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

INFO@ORTPATENT.COM

Response to Rule 312 Communication	Application No.	Applicant(s)
	12/596,531	PONIATOWSKI, PAUL
	Examiner	Art Unit
	OLISA ANWAH	2614

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address –

1. ☒ The amendment filed on *26 July 2012* under 37 CFR 1.312 has been considered, and has been:

   a) ☒ entered.

   b) ☐ entered as directed to matters of form not affecting the scope of the invention.

   c) ☐ disapproved because the amendment was filed after the payment of the issue fee.
   Any amendment filed after the date the issue fee is paid must be accompanied by a petition under 37 CFR 1.313(c)(1) and the required fee to withdraw the application from issue.

   d) ☐ disapproved. See explanation below.

   e) ☐ entered in part. See explanation below.

/Olisa Anwah/
Primary Examiner, Art Unit 2614

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	TOT CLAIMS	IND CLAIMS
12/596,531	10/19/2009	2614	1067	30071-002001	12	1

CONFIRMATION NO. 2588

CORRECTED FILING RECEIPT

69713
OCCHIUTI ROHLICEK & TSAO, LLP
321 Summer St.
Boston, MA 02210



Date Mailed: 08/21/2012

Receipt is acknowledged of this non-provisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please submit a written request for a Filing Receipt Correction. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections**

Applicant(s)

Paul Poniatowski, Toronto, CANADA;

Power of Attorney: The patent practitioners associated with Customer Number 69713

Domestic Priority data as claimed by applicant

This application is a CIP of 12/087,539 07/09/2008
which is a 371 of PCT/CA2004/000513 04/07/2004

Foreign Applications (You may be eligible to benefit from the **Patent Prosecution Highway** program at the USPTO. Please see http://www.uspto.gov for more information.)

If Required, Foreign Filing License Granted: 01/24/2011

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 12/596,531**

Projected Publication Date: Not Applicable

Non-Publication Request: No

Early Publication Request: No
** **SMALL ENTITY** **

IPR2024-00731
APPLE EX1002 Page 278

Title

MOBILE PAYMENT SYSTEM

Preliminary Class

379

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

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For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, http://www.stopfakes.gov. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

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Title 37, Code of Federal Regulations, 5.11 & 5.15

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IPR2024-00731
APPLE EX1002 Page 279

set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign AssetsControl, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 30071-002001	Application No. 12/596,531
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Paul Poniatowski	
		Filing Date 10/19/2009	Group Art Unit Not yet assigned

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	5,896,129	4/20/1999	Murphy, et al.			
	AB	2002/0194264	12/2002	Uchiyama, et al.			
	AC	6,222,826	4/2001	Faynberg, et al.			
Change(s) applied	AD	7,149,549	12/2006	Ortiz, et al.			
to document,	AE	5,412,708	5/2/1995	Katz			
/G.R.P./	AF	5,774,534	6/30/1998	Mayer			
7/31/2012	AG	2001/0032131	10/18/2001	Mowry			
	AH	2002/0022476	2/21/2002	Go			
	AI	2002/0094787	7/18/2002	Avnet, et al.			
	AJ	2002/0130967	9/19/2002	Sweetser			
	AK	2002/0162113	10/31/2002	Hunter			
	AL	2002/0194622	12/19/2002	Lord			

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation Yes	Translation No
	AM	98/11686	3/19/1998	WIPO				
	AN	02/084909	10/24/2002	WIPO				
	AO	2179993	10/19/1994	China				
	AP	01/33859	5/10/2001	WIPO				
	AQ	2344009	5/24/2000	Great Britain				
	AR	01/27899	4/19/2001	WIPO				
	AS	02/093544	11/21/2002	WIPO				

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AT	

Examiner Signature	/Olisa Anwah/	Date Considered	04/12/2012

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Disclosure Form (PTO-1449)

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /O.A./

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
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APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/596,531	09/18/2012	8270578	30071-002001	2588

69713 7590 08/29/2012

OCCHIUTI ROHLICEK & TSAO, LLP
321 Summer St.
Boston, MA 02210

ISSUE NOTIFICATION

The projected patent number and issue date are specified above.

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(application filed on or after May 29, 2000)

The Patent Term Adjustment is 325 day(s). Any patent to issue from the above-identified application will include an indication of the adjustment on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Application Assistance Unit (AAU) of the Office of Data Management (ODM) at (571)-272-4200.

APPLICANT(s) (Please see PAIR WEB site http://pair.uspto.gov for additional applicants):

Paul Poniatowski, Toronto, CANADA;

The United States represents the largest, most dynamic marketplace in the world and is an unparalleled location for business investment, innovation, and commercialization of new technologies. The USA offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to encourage and facilitate business investment. To learn more about why the USA is the best country in the world to develop technology, manufacture products, and grow your business, visit SelectUSA.gov.

Electronic Acknowledgement Receipt

EFS ID:	13723486
Application Number:	12596531
International Application Number:	
Confirmation Number:	2588
Title of Invention:	MOBILE PAYMENT SYSTEM
First Named Inventor/Applicant Name:	Paul Poniatowski
Customer Number:	69713
Filer:	Faustino A. Lichauco/Scott Chappell
Filer Authorized By:	Faustino A. Lichauco
Attorney Docket Number:	30071-002001
Receipt Date:	12-SEP-2012
Filing Date:	19-OCT-2009
Time Stamp:	15:14:08
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Request for Corrected Filing Receipt	30073-002001_Request_for_Corrected_Filing_Receipt_September_12_2012.pdf	205622 2a62c3a8868b3909cfd15a9878f37ffc57c946e7	no	4

Warnings:	
Information:	

Total Files Size (in bytes):	205622

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

Attorney Docket No.: 30071-002001
Client Ref. No.:

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Paul Poniatowski
Serial No. : 12/596,531
Filed : October 19, 2009
Title : Mobile Payment System

Art Unit : 2614
Examiner : Anwah, Olisa

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REQUEST FOR CORRECTED FILING RECEIPT

Applicants respectfully request a corrected filing receipt to correct an error in the Domestic Priority data as claimed by applicant. A copy of the filing receipt with the hand-written correction is attached. Specifically, the Domestic Priority data as claimed by applicant should be the following:

This application is a CIP of 12/087,539 07/09/2008
which is a 371 of PCT/CA2004/000513 04/07/2004
which is a CIP of 10/407,222 04/07/2003 PAT 7,606,215

No fees are believed to be due, however please apply additional charges to Deposit Account No. 50-4189, referencing Attorney Docket No. 30071-002001.

Respectfully submitted,

Date: September 12, 2012

Faustino A. Lichauco
Reg. No. 41,942

Customer No. 69713
Occhiuti Rohlicek & Tsao LLP
321 Summer St., Boston, MA 02210
Telephone: (617) 500-2533
Facsimile: (617) 500-2499

305272.doc

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	TOT CLAIMS	IND CLAIMS
12/596,531	10/19/2009	2614	1067	30071-002001	12	1

CONFIRMATION NO. 2588

CORRECTED FILING RECEIPT

69713
OCCHIUTI ROHLICEK & TSAO, LLP
321 Summer St.
Boston, MA 02210



Date Mailed: 08/21/2012

Receipt is acknowledged of this non-provisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please submit a written request for a Filing Receipt Correction. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections**

Applicant(s)

Paul Poniatowski, Toronto, CANADA;

Power of Attorney: The patent practitioners associated with Customer Number 69713

Domestic Priority data as claimed by applicant

This application is a CIP of 12/087,539 07/09/2008
which is a 371 of PCT/CA2004/000513 04/07/2004
which is a CIP of 10/407,222 04/07/2003 PAT 7,606,215

Foreign Applications (You may be eligible to benefit from the **Patent Prosecution Highway** program at the USPTO. Please see http://www.uspto.gov for more information.)

If Required, Foreign Filing License Granted: 01/24/2011

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 12/596,531**

Projected Publication Date: Not Applicable

Non-Publication Request: No

Early Publication Request: No
** **SMALL ENTITY** **

IPR2024-00731
APPLE EX1002 Page 286

Title

MOBILE PAYMENT SYSTEM

Preliminary Class

379

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at http://www.uspto.gov/web/offices/pac/doc/general/index.html.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, http://www.stopfakes.gov. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

LICENSE FOR FOREIGN FILING UNDER

Title 35, United States Code, Section 184

Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as

set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign AssetsControl, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

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United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
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www.uspto.gov

APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	TOT CLAIMS	IND CLAIMS
12/596,531	10/19/2009	2614	1067	30071-002001	12	1

CONFIRMATION NO. 2588

CORRECTED FILING RECEIPT

69713
OCCHIUTI ROHLICEK & TSAO, LLP
321 Summer St.
Boston, MA 02210



Date Mailed: 09/18/2012

Receipt is acknowledged of this non-provisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please submit a written request for a Filing Receipt Correction. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections**

Inventor(s)

Paul Poniatowski, Toronto, CANADA;

Applicant(s)

Paul Poniatowski, Toronto, CANADA;

Power of Attorney: The patent practitioners associated with Customer Number 69713

Domestic Priority data as claimed by applicant

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which is a 371 of PCT/CA2004/000513 04/07/2004
which is a CIP of 10/407,222 04/07/2003 PAT 7606215

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If Required, Foreign Filing License Granted: 01/24/2011

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 12/596,531**

Projected Publication Date: Not Applicable

Non-Publication Request: No

Early Publication Request: No
** **SMALL ENTITY** **

IPR2024-00731
APPLE EX1002 Page 289

Title

MOBILE PAYMENT SYSTEM

Preliminary Class

379

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IPR2024-00731
APPLE EX1002 Page 290

set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

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United States Patent and Trademark Office

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Approved for use through 09/30/2021. OMB 0651-0016
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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PETITION TO ACCEPT UNINTENTIONALLY DELAYED PAYMENT OF MAINTENANCE FEE IN AN EXPIRED PATENT (37 CFR 1.378(b))

Page 1 of 3

Docket Number (Optional)

Mail to: Mail Stop Petition
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
Fax: (571) 273-8300

NOTE: If information or assistance is needed in completing this form, please contact the Office of Petitions at (571) 272-3282.

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USPTO
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DIVISION

Patent No. 8270578

Application Number 12596531

Issue Date Sep.18, 2012

Filing Date Oct.19, 2009

CAUTION: Maintenance fee payment must correctly identify: (1) the patent number (or reissue patent number, if a reissue) and (2) the application number of the actual U.S. application (or reissue application) leading to issuance of that patent to ensure the fee(s) is/are associated with the correct patent. 37 CFR 1.366(c) and (d).

Also complete the following information, if applicable.

The above-identified patent

☐ is a reissue of original Patent No. _____ original issue date _____

original application number _____

original filing date _____

☐ resulted from the entry into the U.S. under 35 U.S.C. 371 of international application _____

filed on _____.

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DIVISION

CERTIFICATE OF MAILING (37 CFR 1.8(a))

I hereby certify that this paper (* along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to Mail Stop Petition, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, or facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below.

Jan.12, 2019
Date

/s/ Paul Poniatowski
Signature

Paul Poniatowski
Typed or Printed Name of Person Signing Certificate

This collection of information is required by 37 CFR 1.378(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11, 1.14 and 41.6. This collection is estimated to take 1 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Mail Stop Petition, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/66 (12-18)
Approved for use through 09/30/2021. OMB 0651-0016
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PETITION TO ACCEPT UNINTENTIONALLY DELAYED PAYMENT OF MAINTENANCE FEE IN AN EXPIRED PATENT (37 CFR 1.378(b))

1. SMALL ENTITY

☐ Patentee asserts, or has previously asserted, small entity status. See 37 CFR 1.27.

2. LOSS OF ENTITLEMENT TO SMALL ENTITY STATUS

☐ Patentee is no longer entitled to small entity status. See 37 CFR 1.27(g).

3. MICRO ENTITY

■ Patentee certifies, or has previously certified, micro entity status. See 37 CFR 1.29
Form PTO/SB/15A or B or equivalent must either be enclosed or have been submitted previously.

4. LOSS OF ENTITLEMENT TO MICRO ENTITY STATUS

☐ Patentee is no longer entitled to micro entity status. See 37 CFR 1.29(i).

5. MAINTENANCE FEE (37 CFR 1.20(e)-(g))

The appropriate maintenance fee must be submitted with this petition, unless it was paid earlier.

Undiscounted			Small Entity			Micro Entity		
Amount	Fee	(Code)	Amount	Fee	(Code)	Amount	Fee	(Code)
☐ $ ____	3½ yr fee	(1551)	☐ $ ____	3½ yr fee	(2551)	☐ $ ____	3½ yr fee	(3551)
☐ $ ____	7½ yr fee	(1552)	☐ $ ____	7½ yr fee	(2552)	☐ $ 400	7½ yr fee	(3552)
☐ $ ____	11½ yr fee	(1553)	☐ $ ____	11½ yr fee	(2553)	☐ $ ____	11½ yr fee	(3553)

MAINTENANCE FEE BEING SUBMITTED $ 400

6. PETITION FEE

The petition fee required by 37 CFR 1.17(m) of:

$ ____ Undiscounted (Fee Code 1558); or

$ ____ Small Entity (Fee Code 2558); or

$ 500 Micro Entity (Fee Code 3558)

must be paid as a condition of accepting an unintentionally delayed payment of a maintenance fee.

PETITION FEE BEING SUBMITTED $ 500

7. MANNER OF PAYMENT

☐ Enclosed is a check for the sum of $ 900

☐ Please charge Deposit Account No. ____ the sum of $ ____

☐ Payment by credit card. Form PTO-2038 is attached.

☐ Payment made via EFS-Web.

8. AUTHORIZATION TO CHARGE ANY FEE DEFICIENCY

☐ The Director is hereby authorized to charge any maintenance fee or petition deficiency to Deposit Account No. ____

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: 00
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JUN 24 PM 5: 23

PTO/SB/66 (12-18)
Approved for use through 09/30/2021. OMB 0651-0016
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PETITION TO ACCEPT UNINTENTIONALLY DELAYED PAYMENT OF MAINTENANCE FEE IN AN EXPIRED PATENT (37 CFR 1.378(b))

9. OVERPAYMENT

As to any overpayment made, please

☐ Credit to Deposit Account No. _____

OR

☐ Send refund check

WARNING:

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information, such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form (PTO-2038) submitted for payment purposes), is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms (PTO-2038) submitted for payment purposes are not retained in the application file and therefore are not publicly available.

10. STATEMENT

The delay in payment of the maintenance fee for this patent was unintentional.

11. PETITIONER(S) REQUEST THAT THE DELAYED PAYMENT OF THE MAINTENANCE FEE BE ACCEPTED AND THE PATENT REINSTATED.

Jan.12, 2019	/s/ Paul Poniatowski
Date	Signature(s) of Petitioner(s)
	Paul Poniatowski
Registration Number, if applicable	Typed or Printed Name(s)
1 647 830 4133	
Telephone Number	

Address

Address

37 CFR 1.378(c) states: "Any petition under this section must be signed in compliance with § 1.33(b)."

12. ENCLOSURES

☒ Maintenance Fee Payment

☒ Petition fee under 37 CFR 1.17(m) (fee for filing the maintenance fee petition)

☐ _____

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RECEIPTS ACCOUNTING DIVISION USPTO

Doc Code: MES.GIB
Document Description: Certification of Micro Entity Status (Gross Income Basis)

PTO/SB/15A (07-14)

CERTIFICATION OF MICRO ENTITY STATUS
(GROSS INCOME BASIS)

Application Number or Control Number (if applicable):	Patent Number (if applicable):
12596531	8270578
First Named Inventor:	**Title of Invention:**
Paul Poniatowski	Mobile Payment System

The applicant hereby certifies the following—

(1) **SMALL ENTITY REQUIREMENT** – The applicant qualifies as a small entity as defined in 37 CFR 1.27.

(2) **APPLICATION FILING LIMIT** – Neither the applicant nor the inventor nor a joint inventor has been named as the inventor or a joint inventor on more than four previously filed U.S. patent applications, excluding provisional applications and international applications under the Patent Cooperation Treaty (PCT) for which the basic national fee under 37 CFR 1.492(a) was not paid, and also excluding patent applications for which the applicant has assigned all ownership rights, or is obligated to assign all ownership rights, as a result of the applicant's previous employment.

(3) **GROSS INCOME LIMIT ON APPLICANTS AND INVENTORS** – Neither the applicant nor the inventor nor a joint inventor, in the calendar year preceding the calendar year in which the applicable fee is being paid, had a gross income, as defined in section 61(a) of the Internal Revenue Code of 1986 (26 U.S.C. 61(a)), exceeding the "Maximum Qualifying Gross Income" reported on the USPTO Web site at http://www.uspto.gov/patents/law/micro_entity.jsp which is equal to three times the median household income for that preceding calendar year, as most recently reported by the Bureau of the Census.

(4) **GROSS INCOME LIMIT ON PARTIES WITH AN "OWNERSHIP INTEREST"** – Neither the applicant nor the inventor nor a joint inventor has assigned, granted, or conveyed, nor is under an obligation by contract or law to assign, grant, or convey, a license or other ownership interest in the application concerned to an entity that, in the calendar year preceding the calendar year in which the applicable fee is being paid, had a gross income, as defined in section 61(a) of the Internal Revenue Code of 1986, exceeding the "Maximum Qualifying Gross Income" reported on the USPTO Web site at http://www.uspto.gov/patents/law/micro_entity.jsp which is equal to three times the median household income for that preceding calendar year, as most recently reported by the Bureau of the Census.

SIGNATURE by an authorized party set forth in 37 CFR 1.33(b)

Signature	/s/ Paul Poniatowski				
Name	Paul Poniatowski				
Date	Jan.12, 2019	Telephone	1 647 830 4133	Registration No.	

☐ There is more than one inventor and I am one of the inventors who are jointly identified as the applicant. The required additional certification form(s) signed by the other joint inventor(s) are included with this form.

RECEIVED
USPTO
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DIVISION
2019 JAN 14 PM 1:00

To Director of USPTO Andrei Iancu.

Dear Sir,

On Jan12, 2019 I have submitted a request to revive one of my patents (US 8270578) administered by a law firm I have no longer association with.
At the time, the Office has indicated that a three months processing period is required.
Recently upon inspecting the PAIR portal, it was discovered that the petition still remains unprocessed for all we are well beyond the quoted three months processing time - six months to the day to be exact.

Please advise as to the status of the said petition.

Regards,
/s/ Paul Poniatowski
July 28, 2019

Electronic Acknowledgement Receipt

EFS ID:	36707987
Application Number:	12596531
International Application Number:	
Confirmation Number:	2588
Title of Invention:	MOBILE PAYMENT SYSTEM
First Named Inventor/Applicant Name:	Paul Poniatowski
Customer Number:	69713
Filer:	Paul Poniatowski
Filer Authorized By:	
Attorney Docket Number:	30071-002001
Receipt Date:	28-JUL-2019
Filing Date:	19-OCT-2009
Time Stamp:	13:41:37
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Miscellaneous Incoming Letter	USpatdir.pdf	21463 727cc723380ab7764cea8060dad908dca7d11bca	no	1

Warnings:

Information:	
Total Files Size (in bytes):	21463

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/596,531	10/19/2009	Paul Poniatowski	30071-002001	2588

69713 7590 09/11/2019

OCCHIUTI & ROHLICEK LLP
50 Congress Street
Suite 1000
Boston, MA 02109

EXAMINER	
ANWAH, OLISA	

ART UNIT	PAPER NUMBER
2614	

NOTIFICATION DATE	DELIVERY MODE
09/11/2019	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

INFO@ORPATENT.COM

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

In re Application of	:	
Poniatowski, Paul	:	
Application No. 12/596,531	:	DECISION ON PETITION
Filed: 19 Oct 2009	:	
For: MOBILE PAYMENT SYSTEM	:	
:	:	

This is a decision on the petition under 37 CFR 1.378(b), filed January 12, 2019, to accept the unintentionally delayed payment of a maintenance fee for the above-identified patent.

The petition is **GRANTED**.

This patent expired on September 19, 2016 for failure to pay the three and one-half year maintenance fee.

The maintenance fee is hereby accepted and the above-identified patent is reinstated as of the mail date of this decision.

The file does not indicate a change of address has been submitted, although the address given on the petition differs from the address of record. If appropriate, a change of address should be filed in accordance with MPEP 601.03. A courtesy copy of this decision is being mailed to the address given on the petition; however, the Office will mail all future correspondence solely to the address of record.

Telephone inquiries concerning this decision should be directed to Terri Johnson at (571) 272-2991.

/TERRI S JOHNSON/
Paralegal Specialist, OPET

cc: **Paul Poniatowski**
23 Manitoba st.
Toronto, ON Canada
M8Y 1C8

Transmittal Communication on Petition	Application/Control No. 12/596,531	Applicant(s)/Patent Under Reexamination Poniatowski, Paul	
	Deciding Official ANWAH, OLISA	Office of Petitions OPET	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address. --

(ADDITIONAL PARTY'S CORRESPONDENCE ADDRESS)

Paul Poniatowski
23 Manitoba st.
Toronto, ON Canada
M8Y 1C8

Enclosed is a copy of the latest communication from the United States Patent and Trademark Office in the above-identified Application/Patent.

PTO/SB/81 (01-09)
Approved for use through 03/31/2021. OMB 0651-0035
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

POWER OF ATTORNEY OR REVOCATION OF POWER OF ATTORNEY WITH A NEW POWER OF ATTORNEY AND CHANGE OF CORRESPONDENCE ADDRESS

Application Number	12/596,531
Filing Date	10/192009
First Named Inventor	Paul Poniatowski
Title	Mobile Payment System
Art Unit	2614
Examiner Name	Olisa Anwah
Attorney Docket Number	30071-002001

I hereby revoke all previous powers of attorney given in the above-identified application.

☐ A Power of Attorney is submitted herewith.

OR

☐ I hereby appoint Practitioner(s) associated with the following Customer Number as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith:

OR

☐ I hereby appoint Practitioner(s) named below as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith:

Practitioner(s) Name	Registration Number

Please recognize or change the correspondence address for the above-identified application to:

☐ The address associated with the above-mentioned Customer Number.

OR

☒ The address associated with Customer Number: 92425

OR

☐ Firm or Individual Name					
Address					
City		State		Zip	
Country					
Telephone		Email			

I am the:

☒ Applicant/Inventor.

OR

☐ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) (Form PTO/SB/96) submitted herewith or filed on _____.

SIGNATURE of Applicant or Assignee of Record

Signature	/s/ Paul Poniatowski	Date	Sep 24, 2019
Name	Paul Poniatowski	Telephone	
Title and Company	Mr.		

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☒ *Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Electronic Acknowledgement Receipt

EFS ID:	37259469
Application Number:	12596531
International Application Number:	
Confirmation Number:	2588
Title of Invention:	MOBILE PAYMENT SYSTEM
First Named Inventor/Applicant Name:	Paul Poniatowski
Customer Number:	69713
Filer:	Paul Poniatowski
Filer Authorized By:	
Attorney Docket Number:	30071-002001
Receipt Date:	24-SEP-2019
Filing Date:	19-OCT-2009
Time Stamp:	15:54:59
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Power of Attorney	sb0081.pdf	248230 a1195d0afd8bc9d57eaadad73e920f2b68b362f6	no	2

Warnings:

Information:	
Total Files Size (in bytes):	248230

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
12/596,531	10/19/2009	Paul Poniatowski	30071-002001

CONFIRMATION NO. 2588

92425
Paul Poniatowski
11 Keniga , m 12
Warsaw, 02-495
POLAND

POA ACCEPTANCE LETTER

OC000000111502741

Date Mailed: 09/30/2019

NOTICE OF ACCEPTANCE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 09/24/2019.

The Power of Attorney in this application is accepted. Correspondence in this application will be mailed to the above address as provided by 37 CFR 1.33.

Questions about the contents of this notice and the requirements it sets forth should be directed to the Office of Data Management, Application Assistance Unit, at **(571) 272-4000** or **(571) 272-4200** or **1-888-786-0101**.

/sleutchit/

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
12/596,531	10/19/2009	Paul Poniatowski	30071-002001

CONFIRMATION NO. 2588

POWER OF ATTORNEY NOTICE

69713
OCCHIUTI & ROHLICEK LLP
50 Congress Street
Suite 1000
Boston, MA 02109

OC000000111502720

Date Mailed: 09/30/2019

NOTICE REGARDING CHANGE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 09/24/2019.

- The Power of Attorney to you in this application has been revoked by the assignee who has intervened as provided by 37 CFR 3.71. Future correspondence will be mailed to the new address of record(37 CFR 1.33).

Questions about the contents of this notice and the requirements it sets forth should be directed to the Office of Data Management, Application Assistance Unit, at **(571) 272-4000** or **(571) 272-4200** or **1-888-786-0101**.

/sleutchit/

IPR2024-00731
APPLE EX1002 Page 308

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY.DOCKET NO./TITLE	REQUEST ID
12/596,531	10/19/2009	Paul Poniatowski	30071-002001	117586

Acknowledgement of Change to Micro Entity Status

The entity status change request below filed through Private PAIR on 07/27/2020 has been accepted.

CERTIFICATIONS:

Change of Entity Status:

X Applicant certifying micro entity status. See 37 CFR 1.29.
NOTE: If this box is checked you will be prompted to choose micro entity status on the gross income basis (37 CFR 1.29(a)) or the institution of higher education basis (37 CFR 1.29(d)), and to make the applicable certification.

X The certification of micro entity status shown below is made by checking this box and signing below.

CERTIFICATION OF MICRO ENTITY STATUS (GROSS INCOME BASIS)

The applicant hereby certifies the following:

(1) SMALL ENTITY REQUIREMENT -The applicant qualifies as a small entity as defined in 37 CFR 1.27.

(2) APPLICATION FILING LIMIT - Neither the applicant nor the inventor nor a joint inventor has been named as the inventor or a joint inventor on more than four previously filed U.S. patent applications, excluding provisional applications and international applications under the Patent Cooperation Treaty (PCT) for which the basic national fee under 37 CFR 1.492(a) was not paid, and also excluding patent applications for which the applicant has assigned all ownership rights, or is obligated to assign all ownership rights, as a result of the applicant's previous employment.

(3) GROSS INCOME LIMIT ON APPLICANTS AND INVENTORS - Neither the applicant nor the inventor nor a joint inventor, in the calendar year preceding the calendar year in which the applicable fee is being paid, had a gross income, as defined in section 61(a) of the Internal Revenue Code of 1986 (26 U.S.C. 61(a)), exceeding the Maximum Qualifying Gross Income reported on the USPTO website at http://www.uspto.gov/patents/law/micro_entity.jsp which is equal to three times the median household income for that preceding calendar year, as most recently reported by the Bureau of the Census.

(4) GROSS INCOME LIMIT ON PARTIES WITH AN OWNERSHIP INTEREST - Neither the applicant nor the inventor nor a joint inventor has assigned, granted, or conveyed, nor is under an obligation by contract or law to assign, grant, or convey, a license or other ownership interest in the application concerned to an entity that, in the calendar year preceding the calendar year in which the applicable fee is being paid, had a gross income, as defined in section 61(a) of the Internal Revenue Code of 1986, exceeding the Maximum Qualifying Gross Income reported on the USPTO website at http://www.uspto.gov/patents/law/micro_entity.jsp which is equal to three times the median household income for that preceding calendar year, as most recently reported by the Bureau of the Census.

This portion must be completed by the signatory or signatories making the entity status change in accordance with 37 CFR 1.4(d)(4).

Signature:	/Paul Poniatowski/
Name:	Paul Poniatowski
Registration Number:	-



United States Patent and Trademark Office

Office of the Chief Financial Officer

Document Code:WFEE

User :C55319

Sale Accounting Date:08/06/2020

Sale Item Reference Number	Effective Date
12596531	07/30/2020

Document Number	Fee Code	Fee Code Description	Amount Paid	Payment Method
I202086G14093558	3552	MAINTENANCE FEE DUE AT 7.5 YEARS	$900.00	Check
I202086G14093558	3555	SURCHARGE-7.5 YR LATE PMT 6 MO	$40.00	Check