

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	15728140
<b>Application Number:</b>	61821099
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	8197
<b>Title of Invention:</b>	CUSTOMER REWARDS FOR SOFTWARE APPLICATION RECOMMENDATION
<b>First Named Inventor/Applicant Name:</b>	Tarek Ayna
<b>Customer Number:</b>	16579
<b>Filer:</b>	P.G. Scott Born/Susan Grimes
<b>Filer Authorized By:</b>	P.G. Scott Born
<b>Attorney Docket Number:</b>	207532-1000-100
<b>Receipt Date:</b>	08-MAY-2013
<b>Filing Date:</b>	
<b>Time Stamp:</b>	18:14:24
<b>Application Type:</b>	Provisional

### Payment information:

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Authorized User	

### File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
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1	Certification of Micro Entity (Gross Income Basis)	207532-1000-100_MicroCert.pdf	131305	no	2
			f99b5b4329fd4e3ac0734180ef36093bb3e5be31		
Warnings:					
Information:					
2	Application Data Sheet	207532-1000-100_ADS.pdf	1395886	no	5
			4cf18e87fc701dbed0a08eb0746cb6b55c4bf1d4		
Warnings:					
Information:					
3	Specification	207532-1000-100_APP.pdf	78373	no	7
			47c07504d8523678f2fe1baa77077eff5ed0d9ba		
Warnings:					
Information:					
4	Fee Worksheet (SB06)	fee-info.pdf	29655	no	2
			e811eae10f8e16824518b97ae46e77004557ee46		
Warnings:					
Information:					
Total Files Size (in bytes):			1635219		

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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**

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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.

<b>Application Data Sheet 37 CFR 1.76</b>		Attorney Docket Number	207532-1000-100
		Application Number	
Title of Invention	CUSTOMER REWARDS FOR SOFTWARE APPLICATION RECOMMENDATION		
<p>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.</p> <p>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.</p>			

## Secrecy Order 37 CFR 5.2

<input type="checkbox"/> Portions or all of the application associated with this 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.)
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## Inventor Information:

Inventor 1					Remove		
Legal Name							
Prefix	Given Name		Middle Name		Family Name		Suffix
	Tarek				Ayna		
Residence Information (Select One)							<input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service
City	Seattle		State/Province	WA	Country of Residence	US	
Mailing Address of Inventor:							
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Address 2							
City	Seattle			State/Province	WA		
Postal Code	98102		Country	US			
All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the <b>Add</b> button.							Add

## Correspondence Information:

Enter either Customer Number or complete the Correspondence Information section below. For further information see 37 CFR 1.33(a).		
<input type="checkbox"/> An Address is being provided for the correspondence Information of this application.		
Customer Number	16579	
Email Address		Add Email         Remove Email

## Application Information:

Title of the Invention	CUSTOMER REWARDS FOR SOFTWARE APPLICATION RECOMMENDATION		
Attorney Docket Number	207532-1000-100	Small Entity Status Claimed	<input checked="" type="checkbox"/>
Application Type	Provisional		
Subject Matter	Utility		
Suggested Class (if any)		Sub Class (if any)	
Suggested Technology Center (if any)			
Total Number of Drawing Sheets (if any)		Suggested Figure for Publication (if any)	

<b>Application Data Sheet 37 CFR 1.76</b>		Attorney Docket Number	207532-1000-100
		Application Number	
Title of Invention	CUSTOMER REWARDS FOR SOFTWARE APPLICATION RECOMMENDATION		

## Publication Information:

<input type="checkbox"/>	Request Early Publication (Fee required at time of Request 37 CFR 1.219)
<input type="checkbox"/>	<b>Request Not to Publish.</b> 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 <b>has not and will not</b> be the subject of an application filed in another country, or under a multilateral international 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). Either enter Customer Number or complete the Representative Name section below. If both sections are completed the customer Number will be used for the Representative Information during processing.			
<div> <div>Please Select One:</div> <div> <input checked="" type="radio"/> Customer Number           <input type="radio"/> US Patent Practitioner           <input type="radio"/> Limited Recognition (37 CFR 11.9)         </div> </div>			
Customer Number	16579		

## Domestic Benefit/National Stage Information:

This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121, or 365(c) or indicate National Stage entry from a PCT application. 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.			
Prior Application Status		<div>Remove</div>	
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
Additional Domestic Benefit/National Stage Data may be generated within this form by selecting the <b>Add</b> button.			

## 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).			
<div>Remove</div>			
Application Number	Country <sup>1</sup>	Filing Date (YYYY-MM-DD)	Priority Claimed
			<input checked="" type="radio"/> Yes <input type="radio"/> No
Additional Foreign Priority Data may be generated within this form by selecting the <b>Add</b> button.			

<b>Application Data Sheet 37 CFR 1.76</b>		Attorney Docket Number	207532-1000-100
		Application Number	
Title of Invention	CUSTOMER REWARDS FOR SOFTWARE APPLICATION RECOMMENDATION		

## Authorization to Permit Access:

☐ Authorization to Permit Access to the Instant Application by the Participating Offices

If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the instant patent application is filed access to the instant patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the applicant does not wish the EPO, JPO, KIPO, WIPO, or other intellectual property office in which a foreign application claiming priority to the instant patent application is filed to have access to the instant patent application.

In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the instant patent application with respect to: 1) the instant patent application-as-filed; 2) any foreign application to which the instant patent application claims priority under 35 U.S.C. 119(a)-(d) if a copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the instant patent application; and 3) any U.S. application-as-filed from which benefit is sought in the instant patent application.

In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing this Authorization.

## Applicant Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

### Applicant 1

If the applicant is the inventor (or the remaining joint inventor or inventors under 37 CFR 1.45), this section should not be completed. The information to be provided in this section is the name and address of the legal representative who is the applicant under 37 CFR 1.43; or the name and address of the assignee, person to whom the inventor is under an obligation to assign the invention, or person who otherwise shows sufficient proprietary interest in the matter who is the applicant under 37 CFR 1.46. If the applicant is an applicant under 37 CFR 1.46 (assignee, person to whom the inventor is obligated to assign, or person who otherwise shows sufficient proprietary interest) together with one or more joint inventors, then the joint inventor or inventors who are also the applicant should be identified in this section.

☐ Assignee

☐ Legal Representative under 35 U.S.C. 117

☐ Person to whom the inventor is obligated to assign.

☐ Person who shows sufficient proprietary interest

If applicant is the legal representative, indicate the authority to file the patent application, the inventor is:

Name of the Deceased or Legally Incapacitated Inventor :

If the Assignee is an Organization check here. ☐

Prefix	Given Name	Middle Name	Family Name	Suffix

<b>Application Data Sheet 37 CFR 1.76</b>		Attorney Docket Number	207532-1000-100
		Application Number	
Title of Invention	CUSTOMER REWARDS FOR SOFTWARE APPLICATION RECOMMENDATION		

<b>Mailing Address Information:</b>			
<b>Address 1</b>			
Address 2			
<b>City</b>		<b>State/Province</b>	
<b>Country</b>		Postal Code	
Phone Number		Fax Number	
Email Address			

Additional Applicant Data may be generated within this form by selecting the Add button.

## Signature:

NOTE: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirements and certifications					
<b>Signature</b>	/P.G. Scott Born/			Date (YYYY-MM-DD)	2013-05-08
First Name	P. G. Scott	Last Name	Born	Registration Number	40523
Additional Signature may be generated within this form by selecting the Add button.					

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.**

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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 the Freedom of Information Act requires disclosure of these records.
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 inspections 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.

## **CUSTOMER REWARDS FOR SOFTWARE APPLICATION RECOMMENDATION**

Tarek Ayna

This provisional patent application is intended to describe one or more embodiments of the present invention. It is to be understood that the use of absolute terms, such as "must," "will," and the like, as well as specific quantities, is to be construed as being applicable to one or more of such embodiments, but not necessarily to all such embodiments. As such, embodiments of the invention may omit, or include a modification of, one or more features or functionalities described in the context of such absolute terms.

Embodiments of the invention may be operational with numerous general purpose or special purpose computing system environments or configurations. Examples of well known computing systems, environments, and/or configurations that may be suitable for use with the invention include, but are not limited to, personal computers, server computers, hand-held or laptop devices, multiprocessor systems, microprocessor-based systems, set top boxes, programmable consumer electronics, network PCs, minicomputers, mainframe computers, distributed computing environments that include any of the above systems or devices, and the like.

Embodiments of the invention may be described in the general context of computer-executable instructions, such as program modules, being executed by a computer and/or by computer-readable media on which such instructions or modules can be stored. Generally, program modules include routines, programs, objects, components, data structures, etc. that perform particular tasks or implement particular abstract data types. The invention may also be practiced in distributed computing environments where tasks are performed by remote processing devices that are linked through a communications network. In a distributed computing environment, program modules may be located in both local and remote computer storage media including memory storage devices.

Embodiments of the invention may include or be implemented in a variety of computer readable media. Computer readable media can be any available media that can be accessed by a computer and includes both volatile and nonvolatile media, removable and non-removable media. By way of example, and not limitation, computer readable media may comprise computer storage media and communication media. Computer storage media include volatile and nonvolatile, removable and non-removable media implemented in any method or technology for storage of information such as computer readable instructions, data structures, program modules or other data. Computer storage media includes, but is not limited to, RAM, ROM, EEPROM, flash memory or



other memory technology, CD-ROM, digital versatile disks (DVD) or other optical disk storage, magnetic cassettes, magnetic tape, magnetic disk storage or other magnetic storage devices, or any other medium which can be used to store the desired information and which can be accessed by computer. Communication media typically embodies computer readable instructions, data structures, program modules or other data in a modulated data signal such as a carrier wave or other transport mechanism and includes any information delivery media. The term "modulated data signal" means a signal that has one or more of its characteristics set or changed in such a manner as to encode information in the signal. By way of example, and not limitation, communication media includes wired media such as a wired network or direct-wired connection, and wireless media such as acoustic, RF, infrared and other wireless media. Combinations of the any of the above should also be included within the scope of computer readable media.

According to one or more embodiments, the combination of software or computer-executable instructions with a computer-readable medium results in the creation of a machine or apparatus. Similarly, the execution of software or computer-executable instructions by a processing device results in the creation of a machine or apparatus, which may be distinguishable from the processing device, itself, according to an embodiment.

Correspondingly, it is to be understood that a computer-readable medium is transformed by storing software or computer-executable instructions thereon. Likewise, a processing device is transformed in the course of executing software or computer-executable instructions. Additionally, it is to be understood that a first set of data input to a processing device during, or otherwise in association with, the execution of software or computer-executable instructions by the processing device is transformed into a second set of data as a consequence of such execution. This second data set may subsequently be stored, displayed, or otherwise communicated. Such transformation, alluded to in each of the above examples, may be a consequence of, or otherwise involve, the physical alteration of portions of a computer-readable medium. Such transformation, alluded to in each of the above examples, may also be a consequence of, or otherwise involve, the physical alteration of, for example, the states of registers and/or counters associated with a processing device during execution of software or computer-executable instructions by the processing device.

As used herein, a process that is performed "automatically" may mean that the process is performed as a result of machine-executed instructions and does not, other than the establishment of user preferences, require manual effort.

One or more embodiments of the invention, and/or components thereof, may be referred to herein by the term "Refer Engine," and may include an online application that integrates application stores of different platforms with social networks and enables app developers to integrate their apps in a powerful way.

## **DETAILED DESCRIPTION OF ONE OR MORE EMBODIMENTS**

Refer Engine consists of several customer facing experiences.

### **REFERENGINE.COM**

This is the main Refer Engine website which shows the information about applications in different platforms like iOS App Store, Google Play, Windows Store, etc... The user can browse these applications by category/subcategory and sort by different criteria like ratings, number of recommendations, etc... Once logged in to Facebook, the user can also browse the apps that different friends use and sort those by category, platform, most liked, etc... The user can also search for applications in different stores or in specific app stores.

Refer Engine may include different modes of browsing apps. The user can sort and view using known methods such as sort by rating, sort by number of likes, etc... Refer Engine also offers different viewing modes: browse 1 app at a time, browse a grid of apps (default), and browse by app screenshots only. Another browsing mode is to sort randomly and show one random app at a time. This helps with discovering apps that may otherwise not come up to the surface.

ReferEngine.com may fully integrate with the social graph of Facebook. Every Store, Category and App page may be a Facebook Graph object that support native Facebook graph actions like sharing, liking and posting on timelines, etc. The user can also choose to perform specific social actions like 'liking' or sharing and custom ReferEngine social actions like 'use this app several times a day', 'use this app every day', 'use this app once a week'. Other social actions may be to specify when you use an app, for example: 'use this app when I'm bored', 'use this app to listen to coldplay music', etc.

ReferEngine may enable app developers to fully control the listings of their apps. Once app developers register and verify their ownership of an application, they can modify all text, add high resolution screenshots and videos and connect their twitter and Facebook feeds on the page. This creates very powerful landing pages for these applications that can be controlled by the developer to a large extent.

## REFERENGINE.COM/DEVELOPER

This may be the developer portal where application developers can register their ownership of applications and modify content that shows up within their application's page on ReferEngine.com. The developers can also get the code packages that they need to install REAPEX (below) within their applications.

To verify that a user is really the developer of a specific application, the developer may perform these steps:

- Login to ReferEngine.com and select the app that they own
- Install the ReferEngine.Verification code library in the app (for example, in the Windows platform they may be asked to install a NuGet package)
- Enter the Refer Engine Verification Passcode in a specific configuration section inside the app
- Run the app from their machine. The app may now launch and run the Refer Verification code which collects the app receipt and the passcode and sends them to the Refer Engine servers. The Refer Engine servers can verify the app receipt and that the passcode is correct. If all is good, the developer is verified.
- The developer can then remove the verification code from their app.

The developer can specify what kinds of rewards they wish to offer their customers and how many recommendation points each of those rewards cost. Examples could be:

- 4 game points for every 1 recommendation point
- 10 game points for every 2 recommendation points
- 20 game points for every 3 recommendation points

## REFERENGINE IN-APP EXPERIENCE (REAPEX)

The ReferEngine In App Experience (REAPEX) is an additional feature that app developers can sign up for and integrate with their apps. Once integrated, REAPEX offers the customers the ability to:

- Sign up as a Refer Engine Verified User of the app

- Submit a Verified Recommendation of the app

The Verified User is a Refer Engine concept for customers to identify themselves as really using this app. If the customer particularly likes this app, they can submit a verified recommendation. Verified recommendations are recommendations that can only happen from within the applications. The developer can optionally choose to offer an incentive or an in-app reward based on the result of the customer's recommendation. Refer Engine may track these recommendations and calculate what rewards every customer earns. In order to maximize their chances of collecting Recommendation Points, the user can submit multiple recommendations. To minimize spam, the user can only submit one recommendation per app every certain period of time (currently set at one month).

Developers who participate in the In-App experience have additional capabilities such as contacting their customers directly through Refer Engine.

Another task that REAPEX does is to offer the customer the ability to redeem the rewards they earned from their recommendations. Whenever the app launches, REAPEX checks with ReferEngine.com servers and determines whether the user has earned a reward. If the user earned a reward, it pops up and notifies the user of the reward. If the user chooses to claim the reward, REAPEX may call a pre-defined function inside the app to notify the app of the reward to be claimed. The app gives the user the reward (game points, etc...) and calls back into REAPEX that the reward has been claimed successfully. REAPEX may then send this info to ReferEngine.com servers and the handler may deduct the appropriate points from the user's Recommendation Points.

## **IMPLEMENTATION**

Refer Engine may be implemented as a native cloud application with several cloud service endpoints, background workers and data stores.

### REFERENGINE.CLOUD

ReferEngine.Cloud may be the main cloud service that responds to all requests made to any part of www.ReferEngine.com. This includes all three services mentioned above. It includes those components:

### REFERENGINE.WEB WEB WORKER

This may be the main worker that all requests made to www.ReferEngine.com are services. It may be implemented as an ASP.NET MVC Application.

## REFERENGINE.DATAWRITER

This may be a background worker that the Web Worker sends database updates to. This may be used so web requests are not blocked on database writes which could be costly.

## REFERENGINE.WORKERS

This may be a cloud service that contains several background workers that are optionally advantageous to make Refer Engine work as desired.

## REFERENGINE.WORKERS.WINAPPS

This may be an automated background worker that wakes up once every 24 hours. It starts by pinging the Windows Store Sitemap for the links to all apps ([http://apps.microsoft.com/windows/sitemap/sitemap\\_{0}.xml](http://apps.microsoft.com/windows/sitemap/sitemap_{0}.xml)) where {0} is the page number. All the links to the apps are stored in the database.

Once the worker has collected all the links, it then pings every link one by one and parses the information for every app. This information includes Name, Age Rating, Publisher Name, Description, Website Link, Privacy Policy, Screenshots, Supported Languages and Architectures, etc...

The information for all these apps are stored in the database. If an app link fails to load, we store the number of failures and once it fails to load 5 days in a row, we consider it as a deleted application and delete its information from the database.

Once the process is finished, the worker sleeps for 24 hours then wakes up and repeats.

## REFERENGINE.WORKERS.IOSAPPS

This worker works in a very similar way to the REFERENGINE.WORKERS.WINAPPS worker but instead of collecting information about the Windows 8 apps, it collects information about iOS (iPhone and iPad) apps.

## ADDITIONAL COLLECTOR WORKS

Additional app collection workers are planned to collect information about applications in the Android (Google Play) store, Windows Phone, Blackberry and other application stores.

## REFERENGINE.WORKERS.REWARDGENIE

This may be the worker that scans the latest activity that is happening on Refer Engine and determines which users have earned which rewards from which app developers.

When this worker wakes up, for every app that is signed up with the Refer Engine In App Experience: it scans the database for any new verified users and verified recommendations added since it last operated.

- For every User A who registered as a verified user or submitted a recommendation for App-1
- How many Users B are there who: are a friend of A and who submitted a recommendation of App-1 within the last X weeks? (where X is a predetermined variable)
  - o If there is zero Users B
    - User A is here organically.
  - o If there is one User B
    - User B earns a recommendation point for App-1
  - o If there is more than one Users B
    - User B who submitted a recommendation first may earn the recommendation point
    - All other Users B don't earn a recommendation point. This is to avoid rewarding more than one recommenders recommendation points for one new user. Note that the recommendation "expires" after X # of weeks and is considered ineffective.

**CERTIFICATION OF MICRO ENTITY STATUS**  
(GROSS INCOME BASIS)

Application Number or Control Number (if applicable):	Patent Number (if applicable):
First Named Inventor: Tarek Ayna	Title of Invention: CUSTOMER REWARDS FOR SOFTWARE APPLICATION RECOMMENDATION

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](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](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 a party set forth in 37 CFR 1.33(b)**

Signature	/P.G. Scott Born/				
Name	P.G. Scott Born				
Date	5/8/2013	Telephone	206.218.3189	Registration No.	40,523
<input type="checkbox"/>	There is more than one inventor and I am one of the inventors who are jointly identified as the applicant. Additional certification form(s) signed by the other joint inventor(s) are included with this form.				

## 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 Patent Application Fee Transmittal

**Application Number:**

**Filing Date:**

**Title of Invention:**

CUSTOMER REWARDS FOR SOFTWARE APPLICATION RECOMMENDATION

**First Named Inventor/Applicant Name:**

Tarek Ayna

**Filer:**

P.G. Scott Born/Susan Grimes

**Attorney Docket Number:**

207532-1000-100

Filed as Micro Entity

### Provisional Filing Fees

**Description**

**Fee Code**

**Quantity**

**Amount**

**Sub-Total in  
USD(\$)**

**Basic Filing:**

Provisional Application Filing

3005

1

65

65

**Pages:**

**Claims:**

**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 (\$)				65