

# **EXHIBIT 1**

7698217

# THE UNITED STATES OF AMERICA

**TO ALL TO WHOM THESE PRESENTS SHALL COME:**

UNITED STATES DEPARTMENT OF COMMERCE

United States Patent and Trademark Office

*October 24, 2018*

**THIS IS TO CERTIFY THAT ANNEXED IS A TRUE COPY FROM THE  
RECORDS OF THIS OFFICE OF THE FILE WRAPPER AND CONTENTS  
OF:**

**APPLICATION NUMBER: 13/697,380**

**FILING DATE: January 13, 2013**

**PATENT NUMBER: 9594956**

**ISSUE DATE: March 14, 2017**



Certified by

*Andres Barea*

Under Secretary of Commerce  
for Intellectual Property  
and Director of the United States  
Patent and Trademark Office

**Office Action Summary**Application No.  
13/697,380Applicant(s)  
COHEN ET AL.Examiner  
DEIRDRE BEASLEYArt Unit  
2482AIA (First Inventor to File)  
Status  
No**-- 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 MONTHS 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 12/24/2014.  
☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on \_\_\_\_.
- 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) 1-29 is/are pending in the application.  
5a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 6) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 7) ☒ Claim(s) 1-29 is/are rejected.
- 8) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 9) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

\* If any claims have been determined allowable, you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see [http://www.uspto.gov/patents/init\\_events/pph/index.jsp](http://www.uspto.gov/patents/init_events/pph/index.jsp) or send an inquiry to [PPHfeedback@uspto.gov](mailto:PPHfeedback@uspto.gov).

**Application Papers**

- 10) ☐ The specification is objected to by the Examiner.
- 11) ☒ The drawing(s) filed on 1/13/2013 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).

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

**Certified copies:**

- 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)).

\*\* 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) ☐ Information Disclosure Statement(s) (PTO/SB/08a and/or PTO/SB/08b)  
Paper No(s)/Mail Date \_\_\_\_.
- 3) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_.
- 4) ☐ Other: \_\_\_\_.

Application/Control Number: 13/697,380

Page 2

Art Unit: 2482

### **DETAILED ACTION**

The present application is being examined under the pre-AIA first to invent provisions.

A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 03/26/2015 has been entered.

### ***Claim Rejections - 35 USC § 101***

35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

Claims 1-9, 19, 20, 25 and 26 are rejected under 35 U.S.C. 101 because the claimed invention is directed to non-statutory subject matter because the claim(s) as a whole, considering all claim elements both individually and in combination, do not amount to significantly more than an abstract idea. The claim(s) is/are directed to a method of organizing human activities including the mere instructions for a human to implement the claimed idea on a computer. The additional element(s) or combination of elements in the claim(s) other than the abstract idea per se amount(s) to no more than: mere instructions to implement the idea on a computer. Viewed as a whole, these additional claim element(s) do not provide meaningful limitation(s) to transform the abstract idea into a patent eligible application of the abstract idea such that the claim(s)

Application/Control Number: 13/697,380

Page 3

Art Unit: 2482

amounts to significantly more than the abstract idea itself. Therefore, the claim(s) are rejected under 35 U.S.C. 101 as being directed to non-statutory subject matter.

***Response to Arguments***

Claims 1-29 are pending and are presented for examination. Claims 1, 10, 19 and 29 have been amended. Claim 29 has been added. No new matter was added.

Applicant argues that the prior art does not disclose the features of claims 1, 10 and 29. The Applicant has amended claims 1, 10 and 29 to include (1) that the same camera that takes the first image also takes the second image and (2) that an alternate vehicle is displayed to a user.

The Examiner has read and understands the Applicants arguments. However, the Examiner respectfully disagrees. Chew US Publication No. 2009/0309760, figure 1 illustrates that that the same imaging device is used to capture one or more images of an occupied parking spot (paragraph 0008). Chew paragraph 0010 further discloses displaying more than one vehicle at a time.

Applicant's arguments with respect to claims 19-24 have been considered but are moot because the arguments do not apply to any of the references being used in the current rejection. Claims 19-24 are now rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Lee US Publication No. 2008/0258935 in further view of King et al., US Publication 2009/0192950.

Applicant's arguments with respect to claims 25-28 have been considered but are moot because the arguments do not apply to any of the references being used in the current rejection. Claims 25-28 are now rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Lee US Publication No. 2008/0258935 in further view of Sreenan et al., US Publication 2010/0302933.

Application/Control Number: 13/697,380

Page 15

Art Unit: 2482

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/DEIRDRE BEASLEY/  
Examiner, Art Unit 2482

/CHRISTOPHER S KELLEY/  
Supervisory Patent Examiner, Art Unit 2482

**PATENT**  
Attorney Docket No.: 4962/2

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Daniel COHEN	Examiner: BEASLEY, Deirdre L.
Serial No. 13/697,380	Group Art Unit: 2482
Filed: January 13, 2013	Confirmation No.: 8219
For: METHOD AND SYSTEM FOR MANAGING A PARKING LOT BASED ON INTELLIGENT IMAGING	Attorney Docket No.: 4962/2
	Customer Number: 44696

**AMENDMENT AND RESPONSE TO SECOND NON-FINAL OFFICE ACTION**

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

Madam:

This paper is submitted in response to the Non-Final Office Action mailed May 1, 2015.

Please amend the patent application as follows.

**Amendments to the Claims** begin on page 2 of this paper.

**Remarks/Arguments** begin on page 11 of this paper.

Throughout this paper references are made to the numbered paragraphs from U.S. Patent Application Publication No. US 2013/0113936 A1, which is the corresponding U.S. Patent Application Publication to the instant patent application.

---

1 of 19

Amendment and Response to second Non-Final Office Action dated May 1, 2015  
U.S. Patent Application Serial No.: 13/697,380



*Docket No.: 4962/2*

## **REMARKS**

Reconsideration in view of the foregoing amendments and the following remarks is respectfully requested. Moreover, the applicants have reviewed the Non-Final Office Action of May 1, 2015 (the Office Action), and submit that this paper is responsive to all points raised therein.

### **I. Status of the Claims**

Claims 1-29 are pending and are presented for examination.

Claim 30 is newly added.

No claims have been amended.

Support for new claim 30 can be found, for example, in the Specification at Paragraphs [0126] and [0055] and claim 1.

### **II. Rejections Under 35 USC § 101**

Claim 1-9, 19, 20, 25 and 26 were rejected under 35 USC § 101 as pertaining to non-statutory matter as relating to mere instructions to implement an abstract idea on a computer. The Examiner's rejection is traversed.

It appears that a clerical error has occurred as none of the above-mentioned claims refer merely to instructions implemented by a computer. All of the claims include, at the very least, images captured by an imaging device – thereby tying the invention to a machine.

As such, reconsideration of the rejection under 35 USC § 101 is respectfully requested.

### **III. Rejections Under 35 USC § 103(a)**

Claims 1-18 and 29

---

11 of 19

Amendment and Response to second Non-Final Office Action dated May 1, 2015  
U.S. Patent Application Serial No.: 13/697,380



*Docket No.: 4962/2*

Claims 1-18 and 29 were rejected under 35 USC § 103(a) as obvious by Chew (U.S. Patent Application Publication No. US 2009/0309760 – hereinafter Chew), in view of Falk (U.S. Patent Application Publication No. US 2009/0315738 – hereinafter Falk).

Independent claim 1, as previously presented, recites features including: “obtaining at least one high-resolution occupancy and identity image, only for each parking space having an occupied status” and “displaying at least a part of at least one alternative said occupancy and identity image of an alternative vehicle from which to select said vehicle”.

Chew discloses obtaining multiple images for all lots, whether occupied or vacant – but no deferential between high and low resolution and, specifically, no feature for *only* obtaining high resolution images for occupied spaces. Moreover, Chew shows no interest in obtaining both high and low resolution images, as the system of Chew only captures one type of image, repeatedly, at predefined time-intervals. Chew processes all images equally, thereby expending considerable resources even when the image is of a vacant parking space. See for example Paragraph [0035] of Chew where vacant lots and occupied lots are equally monitored and analyzed.

On page 3 of the Office Action Examiner states as follows:

*The Applicant has amended claims 1, 10 and 29 to include (1) that the same camera that takes the first image also takes the second image and (2) that an alternate vehicle is displayed to a user.*

Applicants respectfully wish to note that Examiner has failed to acknowledge a third amendment, namely “obtaining at least one high-resolution occupancy and identity image... only for each parking space having an occupied status”.

Applicants amended the claims and argued, in the previous communication, that the same imaging device captures two different **types** of images. Independent claim 1 was previously amended to specify that a high resolution image is obtained *only* for occupied parking spaces.

---

12 of 19

Amendment and Response to second Non-Final Office Action dated May 1, 2015  
U.S. Patent Application Serial No.: 13/697,380

*Docket No.: 4962/2*

The Commissioner for Patents is hereby authorized to treat any concurrent or future reply, requiring a petition for extension of time under 37 CFR 1.136 for its timely submission, as incorporating a petition for extension of time for the appropriate length of time if not submitted with the reply.

Respectfully submitted,

...../MMF/.....  
Mark M. Friedman  
Attorney for Applicant  
Registration No. 33,883  
Dr. Mark Friedman Ltd.  
Moshe Aviv Tower, 54th Floor  
7 Jabotinsky Street  
Ramat Gan 52520 ISRAEL  
Tel: 972-3-6114100  
Fax: 972-3-6114101  
Email: [patents@friedpat.com](mailto:patents@friedpat.com)

Dated: August 3, 2015

---

19 of 19

Amendment and Response to second Non-Final Office Action dated May 1, 2015  
U.S. Patent Application Serial No.: 13/697,380



## 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.
13/697,380	01/13/2013	Daniel Cohen	4962/2	8219
44696 7590 02/09/2016 DR. MARK M. FRIEDMAN Moshe Aviv Tower, 54th Floor, 7 Jabotinsky St. Ramat Gan, 52520 ISRAEL			EXAMINER BEASLEY, DEIRDRE L	
			ART UNIT	PAPER NUMBER
			2482	
			NOTIFICATION DATE	DELIVERY MODE
			02/09/2016	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):

patents@friedpat.com  
 friedpat.uspto@gmail.com  
 rivka\_f@friedpat.com

**Office Action Summary**

Application No.

13/697,380

Applicant(s)

COHEN ET AL.

Examiner

DEIRDRE BEASLEY

Art Unit

2482

AIA (First Inventor to File)

Status

No

**-- 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 MONTHS 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 1/11/2015.  
☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on \_\_\_\_.
- 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) 9-32 is/are pending in the application.  
5a) Of the above claim(s) 7 and 8 is/are withdrawn from consideration.
- 6) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 7) ☒ Claim(s) 1-6 and 9-32 is/are rejected.
- 8) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 9) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

\* If any claims have been determined allowable, you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see [http://www.uspto.gov/patents/init\\_events/pph/index.jsp](http://www.uspto.gov/patents/init_events/pph/index.jsp) or send an inquiry to [PPHfeedback@uspto.gov](mailto:PPHfeedback@uspto.gov).

**Application Papers**

- 10) ☐ The specification is objected to by the Examiner.
- 11) ☒ The drawing(s) filed on 1/13/2013 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).

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

**Certified copies:**

- 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)).

\*\* 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) ☐ Information Disclosure Statement(s) (PTO/SB/08a and/or PTO/SB/08b)  
Paper No(s)/Mail Date \_\_\_\_.
- 3) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_.
- 4) ☐ Other: \_\_\_\_.

Application/Control Number: 13/697,380

Page 2

Art Unit: 2482

### **DETAILED ACTION**

The present application is being examined under the pre-AIA first to invent provisions.

#### ***Continued Examination Under 37 CFR 1.114***

A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 1/11/2016 has been entered.

#### ***Claim Rejections - 35 USC § 101***

1. 35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

Claims 1-28 and 30-32 are rejected under 35 U.S.C. 101 because the claimed invention is directed to a judicial exception (i.e., a law of nature, a natural phenomenon, or an abstract idea) without significantly more. Claim(s) 1-28 and 30-32 is/are directed to comparing and organizing information (i.e., the steps of obtaining, comparing, determining, generating, and correcting) for transmission, which is similar to concepts that have been identified as abstract by the courts, such as using categories to organize, store and transmit information in *Cyberfone* or comparing new and stored information and using rules to identify options in *SmartGene*.

Application/Control Number: 13/697,380

Page 3

Art Unit: 2482

The claim(s) does/do not include additional elements that are sufficient to amount to significantly more than the judicial exception because the additional elements when considered both individually and as a combination do not amount to significantly more than the abstract idea. The claim recites the additional elements of obtaining images (claim 1, etc.), determining occupancy based on images (claim 1, etc.), changing and correcting statuses (claim 19). These functions may be interpreted as being a method performed by a person. The claims do not amount to significantly more than the abstract idea. Therefore, the claim is not patent eligible.

### ***Response to Arguments***

Applicant's arguments filed 12/03/2015 have been fully considered but they are not persuasive.

The Examiner has read and understands the Applicants arguments. However, the Examiner respectfully disagrees.

The prior art (Chew US 2009/0309760) does not differ with regards to the following features:

1. (Applicants Argument) The prior art does not disclose: The system and method include a two-step process: first, ascertain whether the space is occupied or vacant; and second, obtain identifying images.

(Examiner Response)Chew discloses obtaining images of parking spaces and determining if the space is vacant or occupied (Chew paragraph 0004). Chew further discloses processing one or more images of the car park spaces to provide information regarding the locations and

Application/Control Number: 13/697,380

Page 4

Art Unit: 2482

numbers of empty and occupied car park spaces and processing one or more images of the vehicles occupying car park spaces, to identify one or more of their features [paragraph 0011]. If the space were determined to be empty, there would be no need to take more images.

2. (Applicants Argument) The prior art does not disclose: The monitoring stage uses low resolution images (this is implicit from the fact that the identification image is high resolution), for example 320x240 or 640x480 still images and the identification stage uses high resolution images, for example 2592x1944 still images. The low resolution translates to small memory size for each image - making the system viable. The low resolution is sufficient to determine occupancy and vacancy. A high resolution image is needed for identification purposes, e.g. extracting the license plate number or model of the car etc. The same camera is used for both types of images.

(Examiners Response)The Examiner uses the broadest reasonable interpretation. High resolution and low resolution are not defined or limited to (320x240 or 640x480 or 2592x1944) in the Applicants claims or disclosure. Based on the Examiners interpretation Chew suggests obtaining a high resolution image. Chew discloses obtaining at least one image of a vehicle using digital cameras (figure 1 item 105) capable of identifying license plates in the captured images. Based on the Examiners broadest reasonable interpretation of "high resolution", Chews disclosed camera system captures high resolution images.

For further clarification claim 1 is now rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Chew US Publication No. 2009/0309760 in view of Konno US Publication No. 2008/0151051.



Application/Control Number: 13/697,380

Page 19

Art Unit: 2482

***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to DEIRDRE BEASLEY whose telephone number is (571)270-3677. The examiner can normally be reached on Monday - Friday 8:00AM - 5:00PM EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chris Kelley can be reached on (571)272-7331. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/DEIRDRE BEASLEY/  
Examiner, Art Unit 2482

/CHRISTOPHER S KELLEY/  
Supervisory Patent Examiner, Art Unit 2482

**PATENT**  
Attorney Docket No.: 4962/2

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Daniel COHEN, et al.	Examiner: BEASLEY, Deirdre L.
Serial No. 13/697,380	Group Art Unit: 2482
Filed: January 13, 2013	Confirmation No.: 8219
For: METHOD AND SYSTEM FOR MANAGING A PARKING LOT BASED ON INTELLIGENT IMAGING	Attorney Docket No.: 4962/2
	Customer Number: 44696

**AMENDMENT AND RESPONSE TO NON- FINAL OFFICE ACTION**

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

Madam:

This paper is submitted in response to the Non-Final Office Action mailed February 9, 2016.

Please amend the patent application as follows.

**Amendments to the Claims** begin on page 2 of this paper.

**Remarks/Arguments** begin on page 15 of this paper.

Throughout this paper references are made to the numbered paragraphs from U.S. Patent Application Publication No. US 2013/0113936 A1, which is the corresponding U.S. Patent Application Publication to the instant patent application.

---

1 of 22

Amendment and Response to Non-Final Office Action mailed February 9, 2016  
U.S. Patent Application Serial No.: 13/697,380

*Docket No.: 4962/2*

vehicle, wherein said system controller is configured to compare said identifier with each said vehicle identifier digitally stored in said storage device so as to identify a location of said parking space of said vehicle based on a known location of said imaging device that obtained said high resolution identity image from which said vehicle identifier was digitally extracted.

15. (Currently Amended) The system of claim 14, wherein said information terminal includes a display mechanism for digitally displaying instructions that direct said customer from said information terminal to said parking space of said vehicle.

16. (Currently Amended) The system of claim ~~14~~10, wherein ~~said information terminal includes an input mechanism that is used by said customer to input said identifier of said vehicle~~wherein said plurality of devices are selected from the group including differentially controlled lighting fixtures and ventilation systems.

17. (Currently Amended) The system of claim ~~10~~14, wherein ~~said further comprising a gateway terminal that issues said a receipt including a representation of said identifier before said customer parks said vehicle in said one parking space.~~

18. (Currently Amended) The system of claim ~~10~~17, wherein said gateway terminal includes an identification camera for acquiring an identification image of said vehicle, wherein said identifier is digitally extracted from said identification image, by digital image processing.

19. (Currently Amended) A method of managing a plurality of parking spaces, comprising:

- (a) monitoring a parking space with an imaging device of an imaging unit;
- (b) detecting, by said imaging unit, occupancy of said parking space;

---

6 of 22

Response and Amendment responsive to Non-Final Office Action mailed February 9, 2016  
U.S. Patent Application Serial No.: 13/697,380

*Docket No.: 4962/2*

- (c) assigning said parking space, in which said occupancy was detected, an occupied status, wherein said occupied status is indicated by illuminating a first color of a multicolor indicator collocated with said imaging device, said first color predefined to determine said occupied status;
- (d) obtaining, as a result of said parking space having said occupied status, a single high resolution image of a vehicle occupying said parking space, said high resolution image obtained by said imaging device;
- (e) storing at least part of said high resolution image on a storage device;
- (f) displaying a thumbnail image of said parking space on a graphic user interface (GUI), said thumbnail image digitally processed from an image electronically communicated to said GUI from said imaging unit;
- (g) deciding whether said occupied status is incorrect, based on a visual review of said thumbnail image on said GUI; and
- (h) correcting said occupied status, by inputting computer-readable instructions to a computer terminal of said GUI, if said parking space shown in said thumbnail image is vacant and said computer terminal electronically communicating a command to toggle said multicolor indicator to illuminate a second color, said second color predefined to indicate a vacant status;
  - (i) extracting from said high resolution image, by digital image processing, a permit identifier for said vehicle and comparing said permit identifier with at least one parking permit identification stored on said storage to determine a permit status of said parked vehicle; and
  - (j) initiating an infringement process for said vehicle having said permit identifier that fails to coincide with at least one of said at least one parking permit identification.

20. (Previously Presented) The method of claim 19, wherein said detecting includes providing machine-readable code of a self-modifying classification algorithm for assigning said respective statuses, the method further comprising:

7 of 22

Response and Amendment responsive to Non-Final Office Action mailed February 9, 2016  
U.S. Patent Application Serial No.: 13/697,380

*Docket No.: 4962/2*

- (e) said system executing said machine-readable code to modify said classification algorithm in response to said correcting.

21. (Currently Amended) A system for managing a plurality of parking spaces, comprising:

- (a) at least one camera for acquiring a respective occupancy image of each parking space;
- (b) at least one multicolor indicator collocated with a respective camera for indicating an occupancy status of at least one parking space imaged by said camera;
- (bc) a display device for displaying at least a portion of said occupancy images;
- (ed) a memory for storing program code for:
  - (i) assigning each said occupancy image a respective status selected from the group consisting of vacant and occupied wherein each said status is indicated by a different color of said multicolor indicator predefined to indicate said status,
  - (ii) illuminating said predefined color of said multicolor indicator according to said status, and
  - (iii) displaying said occupancy images on said display device along with said respective assigned statuses thereof;
- (de) a processor for executing said program code; and
- (ef) an input device for correcting said respective assigned statuses as displayed on said display device, wherein said at least one camera, said display device, said memory, said at least one multicolor indicator and said input device are in electronic communication with said processor.

22. (Original) The system of claim 21, wherein said program code implements a self-modifying classification algorithm for assigning said respective statuses.

*Docket No.: 4962/2*

### REMARKS

Reconsideration in view of the foregoing amendments and the following remarks is respectfully requested. Moreover, the applicants have reviewed the Non-Final Office Action of February 9, 2016 (the Office Action), and submit that this paper is responsive to all points raised therein.

#### **I. Status of the Claims**

Claims 1-6, 8 and 10-32 are pending and are presented for examination.

Claims 1, 3-5, 10-19, 21, 23, 25, 27, 28 and 30 have been amended.

Claims 2 and 8 have been canceled. As such, claims 1, 3-6 and 10-32 are currently pending prosecution.

Support for amendments to independent claims 1, 10, 19, 21, 23, 25, 27 and 30, regarding multicolor indicators, can be found in the Specification, for example, at Paragraph [0049].

Support for other amendments to independent claims 1 and 30, can be found in the Specification, for example, at Paragraph [0130] and in the support for previously presented claims 2 and 3, 14.

Support for other amendments to claims 10 can be found in the Specification, for example, at Paragraph [0134] and in the support for previously presented claim 3.

Support for the amendments to claim 14 is found, for example, in originally filed claim 15 and Fig. 6.

Support for other amendments to claim 19 can be found in the Specification, for example, at Paragraph [0132].

#### **II. Rejections Under 35 USC § 101**

Claims 1-28 and 30-32 were rejected under 35 USC § 101 as directed to non-statutory subject matter.

---

15 of 22

Response and Amendment responsive to Non-Final Office Action mailed February 9, 2016  
U.S. Patent Application Serial No.: 13/697,380

*Docket No.: 4962/2*

Independent claims 1, 10, 19, 21, 23, 25, 27 and 30 have been amended to the feature of “wherein each said status is indicated by illuminating a different color of a multicolor indicator collocated with said imaging device, said illuminated color predefined to indicate said status” or similar feature. The claims, as amended now recite at least a processor or controller for controlling the illumination of multicolor indicator, and thus, tying a machine to a process recitation. Claims 1, 3-5, 10-19, 21, 23, 25, 27, 28 and 30 have been amended, in addition, to recite to recite additional features tying the claims to machines and processes that can only be performed by computerized systems.

Since amended independent claims 1, 10, 19, 21, 23, 25, 27 and 30 each recite statutory subject matter under 35 USC § 101, claims 3-5, 11-18, 20, 22, 24, 26, 28-29 and 31-32, dependent therefrom, also recite statutory subject matter under 35 USC § 101, for at least the same reasons.

Claims 1, 3-6 and 10-32 as presently presented all recite statutory subject matter under 35 USC § 101. Accordingly, withdrawal of this rejection is respectfully requested.

### **III. Rejections Under 35 USC § 103(a)**

#### *Claims 1-3, 6-18 and 29 (and 31-32)*

Claims 1-3, 6-18 and 29 (and 31-32) were rejected under 35 USC § 103(a) as obvious by Chew, in view of Konno.

Claims 2 and 7-9 are canceled, rendering the rejection of those claims moot.

Claims 1-3, 6-18 and 29 (and 31-32) have been discussed in prior responses. Those discussions are applicable here.

Nonetheless and without concession, independent claims 1 and 10 have been amended to disclose features including: “wherein each said status is indicated by illuminating a different color of a multicolor indicator collocated with said imaging device, said illuminated color predefined to indicate said status”.



*Docket No.: 4962/2*

*Claim 1*

In addition, claim 1 has been amended to include features of “in response to an electronic request for a parking fee made at an information terminal... comparing said user identifier to said vehicle identifier... identifying a location of said parking space... returning, at said information terminal, said parking fee calculated at least in part according to a differential tariff based on said location of said parking space of said vehicle occupying said parking space.” (Emphasis added)

*Claim 10*

Claim 10 has been amended to include features of “a plurality of devices per environmental aspect for controlling said environmental aspect, wherein said system controller uses said plurality of devices to control at least one environmental aspect at least in part based on occupancy levels calculated according to said low resolution images.”

Neither Chew nor Konno discloses a multicolor occupancy status indicator collocated with the imaging device etc.. Furthermore neither Chew nor Konno discloses a parking fee calculated at least in part according to a differential tariff based on the location of the parking space as recited in claim 1. Still further, neither Chew nor Konno disclose devices for controlling environmental aspects based on occupancy levels of the parking spaces.

As such, both Chew and Konno, alone or in combination, fail to show, teach or suggest any processes or structure for, “a multicolor indicator collocated with said imaging device” and/or “a differential tariff based on said location” as recited in amended independent claim 1 and “a plurality of devices per environmental aspect for controlling said environmental aspect... based on occupancy levels calculated according to said low resolution images.”

*Docket No.: 4962/2*

Based on the above, this combination of Chew and Konno fails to meet all of the recitations of amended independent claims 1 and 10, such that it fall short of claims 1 and 10. For at least this reason, Chew and Konno, in any combination, fail to render claims 1 or 10 obvious under 35 USC § 103(a).

Since the combination of Chew and Konno fails to render amended independent claim 1 obvious under 35 USC § 103(a) for the reasons presented above, claims 3, 6-9, 11-18 and 29 (and 31-32) dependent from claims 1 and 10, are also not rendered obvious by the aforementioned combination, for at least the same reasons. Claims 3, 6-9, 11-18 and 29, 31-32 further distinguish the invention over the cited art.

*Claims 4 and 5*

Claims 4 and 5 were rejected under 35 USC § 103(a) as obvious by Chew, in view of Konno and Falk.

Claims 4 and 5 depend from claim 1, discussed above. That discussion is relevant here. As claim 1 is allowable, claims 4 and 5, dependent there-from are likewise allowable for at least the same reasons.

For at least this reason, Chew, Konno and Falk, in any combination, fail to render claims 4 or 5 obvious under 35 USC § 103(a).

*Claims 19-24*

Claims 19-24 were rejected under 35 USC § 103(a) as obvious by Lee, in view of King. Claims 19-24 have been discussed in prior responses.

Those discussions are applicable here.

Nonetheless and without concession, independent claims 19, 21 and 23 have been amended to disclose features including: “wherein each said status is indicated by illuminating a different color of a multicolor indicator collocated with said imaging device, said illuminated color predefined to indicate said status”.

---

18 of 22

Response and Amendment responsive to Non-Final Office Action mailed February 9, 2016  
U.S. Patent Application Serial No.: 13/697,380

*Docket No.: 4962/2*

Claim 19 has been further amended to include features of “extracting... a permit identifier for said vehicle and comparing... with... parking permit identification stored... to determine a permit status of said parked vehicle;” and “initiating an infringement process for said vehicle having said permit identifier that fails to coincide with at least one of said at least one parking permit identification.” (Emphasis added)

Neither Lee nor King discloses a multicolor occupancy status indicator collocated with the imaging device etc.

Furthermore neither Lee nor King discloses extracting and comparing a parking permit identifier to stored permit ID and/or initiating infringement process for a vehicle without a proper permit, as recited in claim 19.

As such, both Lee and King, alone or in combination, fail to show, teach or suggest any processes or structure for, “a multicolor indicator collocated with said imaging device” as recited in amended independent claims 19, 21 and 23.

Further both Lee and King, alone or in combination, fail to show, teach or suggest any processes or structure for, “ extracting ... a permit identifier ... and comparing... with... parking permit identification ... to determine a permit status...” and “initiating an infringement process for said vehicle having said permit identifier that fails coincide with at least one of said at least one parking permit identification” as recited in claim 19.

Based on the above, this combination of Lee and King fails to meet all of the recitations of amended independent claims 19, 21 and 23, such that it fall short of claims 19, 21 and 23. For at least this reason, Lee and King, in any combination, fail to render claims 19, 21 and 23 obvious under 35 USC § 103(a).

Since the combination of Chew and Konno fails to render amended independent claims 19, 21 and 23 obvious under 35 USC § 103(a) for the reasons presented above, claims 20, 22 and 24 dependent from claims 19, 21 and 23, are also not rendered obvious

*Docket No.: 4962/2*

by the aforementioned combination, for at least the same reasons. Claims 20, 22 and 24 further distinguish the invention over the cited art.

Claims 25-28

Claims 25-28 were rejected under 35 USC § 103(a) as obvious by Lee, in view of Sreenan.

As above, claims 25-28 have been discussed in prior responses. Those discussions are applicable here. Also as above, independent claims 25 and 27 have been amended in a similar manner to claims 21 and 23. Sreenan adds nothing to Lee so that claims 25-27 are all allowable for at least the same reasons discussed above for claims 21 and 23.

Claim 28 has been discussed previously. That discussion is relevant here.

Claim 30

Claim 30 was rejected under 35 USC § 103(a) as obvious by Lee in view of Konno, further in view of Chew.

Claim 30 has been amended in a similar manner to claim 1. The entire discussion above is relevant here. Lee adds nothing to Konno and Chew, in view of the amendments, and therefore claim 30 is allowable for at least the same reasons discussed above for claim 1.

**IV. Conclusion**

Should the Examiner have any question or comment as to the form, content, or entry of this paper, the Examiner is requested to contact the undersigned at the email address below. Similarly, if there are any further issues yet to be resolved to advance the prosecution of this application to issue, the Examiner is requested to email the undersigned counsel.

Allowance of all pending claims, 1, 3-6 and 10-32, is respectfully requested.

The applicants believe that there are not any other fees currently due. Although, should any fees be due, these fees may be charged to Deposit Account No. 06-2140.

During the pendency of this application, the Commissioner for Patents is hereby authorized to charge payment of any fees necessary for the prosecution of this patent

---

20 of 22

Response and Amendment responsive to Non-Final Office Action mailed February 9, 2016  
U.S. Patent Application Serial No.: 13/697,380

*Docket No.: 4962/2*

Respectfully submitted,

Date: May 9, 2016

/MMF/

Mark M. Friedman  
Attorney for Applicant  
Registration No. 33,883  
Dr. Mark Friedman Ltd.  
Moshe Aviv Tower, 54th Floor  
7 Jabotinsky Street  
Ramat Gan 52520 ISRAEL  
Tel: 972-3-6114100  
Fax: 972-3-6114101  
Email: [patents@friedpat.com](mailto:patents@friedpat.com)

---

22 of 22

Response and Amendment responsive to Non-Final Office Action mailed February 9, 2016  
U.S. Patent Application Serial No.: 13/697,380



## 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.
13/697,380	01/13/2013	Daniel Cohen	4962/2	8219

  

44696	7590	06/09/2016
DR. MARK M. FRIEDMAN		
Moshe Aviv Tower, 54th Floor, 7 Jabotinsky St.		
Ramat Gan, 5252007		
ISRAEL		

  

EXAMINER	
BEASLEY, DEIRDRE L	

  

ART UNIT	PAPER NUMBER
2482	

  

NOTIFICATION DATE	DELIVERY MODE
06/09/2016	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):

patents@friedpat.com  
 friedpat.uspto@gmail.com  
 rivka\_f@friedpat.com

**Office Action Summary**

Application No.

13/697,380

Applicant(s)

COHEN ET AL.

Examiner

DEIRDRE BEASLEY

Art Unit

2482

AIA (First Inventor to File)

Status

No

**-- 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 MONTHS 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 05/09/2016.  
☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on \_\_\_\_.
- 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) 1,3-6 and 10-32 is/are pending in the application.  
 5a) Of the above claim(s) 2 and 7-9 is/are withdrawn from consideration.
- 6) ☐ Claim(s) 19 and 20 is/are allowed.
- 7) ☒ Claim(s) 1, 3-6, 10-18 and 21-32 is/are rejected.
- 8) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 9) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

\* If any claims have been determined allowable, you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see [http://www.uspto.gov/patents/init\\_events/pph/index.jsp](http://www.uspto.gov/patents/init_events/pph/index.jsp) or send an inquiry to [PPHfeedback@uspto.gov](mailto:PPHfeedback@uspto.gov).

**Application Papers**

- 10) ☐ The specification is objected to by the Examiner.
- 11) ☒ The drawing(s) filed on 1/13/2013 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).

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

**Certified copies:**

- 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)).

\*\* 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) ☐ Information Disclosure Statement(s) (PTO/SB/08a and/or PTO/SB/08b)  
 Paper No(s)/Mail Date \_\_\_\_.
- 3) ☐ Interview Summary (PTO-413)  
 Paper No(s)/Mail Date \_\_\_\_.
- 4) ☐ Other: \_\_\_\_.



Application/Control Number: 13/697,380

Page 2

Art Unit: 2482

## **DETAILED ACTION**

### ***Notice of Pre-AIA or AIA Status***

The present application is being examined under the pre-AIA first to invent provisions.

### ***Claim Rejections - 35 USC § 101***

The claims 1-28 and 30-32 were previously rejected under 35 USC § 101. The rejection of claims 1-28 and 30-32 under 35 USC § 101 is withdrawn since, the Applicant has appropriately amended the claims.

### ***Response to Arguments***

Applicant's arguments filed 05/09/2016 have been fully considered but they are not persuasive.

Applicant's arguments filed 05/09/2016 have been fully considered but they are not persuasive.

The prior art (Chew US 2009/0309760) does not differ with regards to the following features:

The Applicant argues that the prior art does not disclose the following:

(1) wherein each said status is indicated by illuminating a different color of a multicolor indicator collocated with said imaging device, said illuminated color predefined to indicate the status

The Examiner has read and understands the Applicants arguments. However, the Examiner respectfully disagrees. Lee (2008/0258935) discloses the claimed features. Lee

Application/Control Number: 13/697,380

Page 3

Art Unit: 2482

discloses a display which admits red, orange and yellow (Lee, Figure 5c and paragraph 0053) lights to indicate the occupancy status of a vehicle.

Secondly, the Applicant argues that the prior art does not disclose the following:

(2) said parking fee calculated at least in part according to a differential tariff based on said location of said parking space of said vehicle occupying said parking space

The Examiner has read and understands the Applicants arguments. However, the Examiner respectfully disagrees. Lee (2008/0258935) discloses the claimed features. Lee discloses a settlement fee (claimed tariff) for vehicles parked in the parking lot (claimed, parking space location), (Lee, Figure 7 and paragraph 0068).

The Applicant argues that the prior art does not disclose the following:

(3) plurality of devises to control at least one environmental aspect at least in part based on occupancy levels calculated according to said low resolution images

The Examiner has read and understands the Applicants arguments. However, the Examiner respectfully disagrees. Lee (2008/0258935) discloses the claimed features. Lee discloses emitting lights such as green or white lights in the parking lot (claimed, environmental aspect) to represent spaces available for parking [paragraph 0045]).

### ***Claim Rejections - 35 USC § 103***

1. In the event the determination of the status of the application as subject to AIA 35 U.S.C. 102 and 103 (or as subject to pre-AIA 35 U.S.C. 102 and 103) is incorrect, any correction of the

Application/Control Number: 13/697,380

Page 17

Art Unit: 2482

Claim 30 is rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Lee US Publication No. 2008/0258935 in view of Konno US Publication No. 2008/0151051 and Chew US Publication No. 20090309760.

**Regarding claim 30 (Currently Amended)**, Lee discloses the following claim limitations:

A method for managing a parking space, the method comprising:

- (a) detecting a vehicle entering the parking space with an imaging unit (**Lee, paragraph 0008 and 0061**);
- (b) sending a notification from a processor of said imaging unit to a system processor indicating that the parking space is occupied (**Figure 7, “Update parking information”**);
- (c) toggleing colors of a multicolor indicator from a first color indicating that the parking space is vacant to a second color indicating that the parking space is occupied, said multicolor indicator collocated with the parking space (**Lee discloses a display which admits red orange and yellow [Lee, Figure 5c and paragraph 0053] lights to indicate the occupancy status of a vehicle**);
- (d) sending a request from said system processor to said imaging unit processor to capture a high resolution image of said vehicle in the parking space (**Lee, Figure 2 illustrates inner parking lot cameras (300, 102, 103 etc.,) positioned for capturing images of vehicles in parking spaces**);
- (e) obtaining said high-resolution image of said vehicle using said imaging device (**Lee, The inner parking lot cameras are used to identify the vehicles [paragraph 0043]**);
- (f) extracting an identifier from said high-resolution image (**Lee, paragraph 0043**); and
- (g) in response to an inquiry, by said customer, that includes said identifier:
  - (i) identifying the parking space in which said vehicle is parked, at least in part by comparing said identifier to said high-definition image (**Lee, figure 1 “Parking Guidance System”**);
  - (ii) displaying at least a part of said high-definition image (**figure 5c**)
  - (iii) displaying at least a part of at least one alternative high-definition image of an alternative vehicle from which to select said vehicle (**Lee, figure 5c**)

Application/Control Number: 13/697,380

Page 18

Art Unit: 2482

(iv) receiving and electronically inputted selection of said vehicle (Figure 7, photographing vehicles getting out of parking lot),

(v) charging a parking fee calculated according to a differential tariff based on a location of said parking space of said selected vehicle (Figure Settlement of parking fee)

(ivi) digitally displaying a guidance aid on a digital display so as to direct said customer to the parking space of said vehicle selected by said customer (Lee discloses displaying a parking path [paragraph 0011])

Lee does not explicitly disclose the image of “high resolution”. However, Konno discloses a capturing high resolution images by a monitoring camera.

Lee and Konno are in the same field of endeavor. Both inventions relate to vehicle monitoring via video surveillance. One with ordinary skill in the art would know that Lee may be modified to include that the images are “high resolution images”, as disclosed by Konno. High resolution images are used in situations where identifying data, such as a license plate number, must be extracted from an image (Konno, paragraph 00061). All of the elements in the claim were known and could be combined by known techniques, it would have been obvious to one of ordinary skill to combine the teachings to produce a predictable result.

#### *Allowable Subject Matter*

Claims 19 and 20 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.

#### *Conclusion*

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after

Application/Control Number: 13/697,380

Page 19

Art Unit: 2482

the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to DEIRDRE BEASLEY whose telephone number is (571)270-3677. The examiner can normally be reached on Monday - Friday 8:00AM - 5:00PM EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chris Kelley can be reached on (571)272-7331. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/DEIRDRE BEASLEY/  
Examiner, Art Unit 2482

Application/Control Number: 13/697,380

Page 20

Art Unit: 2482

/CHRISTOPHER S KELLEY/

Supervisory Patent Examiner, Art Unit 2482