



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.
13/966,857	08/14/2013	Takeshi Ookawara	1497.50463CX1	1196

20457 7590 12/12/2013
ANTONELLI, TERRY, STOUT & KRAUS, LLP
1300 NORTH SEVENTEENTH STREET
SUITE 1800
ARLINGTON, VA 22209-3873

EXAMINER

DHARIA, PRABODH M

ART UNIT	PAPER NUMBER
2693	

MAIL DATE	DELIVERY MODE
12/12/2013	PAPER

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.

Office Action Summary	Application No. 13/966,857	Applicant(s) OOKAWARA ET AL.	
	Examiner PRABODH M. DHARIA	Art Unit 2693	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 08-14-2013.
 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) 1-5 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) 1-5 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 or send an inquiry to PPHfeedback@uspto.gov.

Application Papers

- 10) The specification is objected to by the Examiner.
- 11) The drawing(s) filed on 08-14-2013 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 08-14-2013.
- 3) Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 4) Other: _____.

Art Unit: 2693

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

Priority

2. Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

3. Applicant's claim for the benefit of a prior-filed application under 35 U.S.C. 119(e) or under 35 U.S.C. 120, 121, or 365(c) is acknowledged. Applicant has complied with one or more conditions for receiving the benefit of an earlier filing date under 35 U.S.C. with a specific reference to the prior-filed application in compliance with 37 CFR 1.78(a) is included in the first sentence(s) of the specification following the title or in an application data sheet. Applicant has also included claiming under 35 U.S.C. 120, 121 or 365(c), the relationship (i.e., continuation, divisional, or continuation-in-part) of the applications. However, Applicant has failed to recite status (abandoned, patented or co-pending) of the parent application.

Information Disclosure Statement

4. The information disclosure statement (IDS) submitted on 08-14-2013 is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

Art Unit: 2693

5. **Status:** Please all the replies and correspondence should be addressed to Examiner's new art unit 2629. Receipt is acknowledged of papers submitted on 08-14-2013 under new application, which have been placed of record in the file. Claims 1-5 are pending in this action.

6. Examiner cites particular columns and line numbers in the references as applied to the claims below for the convenience of the applicant. Although the specified citations are representative of the teachings in the art and are applied to the specific limitations within the individual claim, other passages and figures may apply as well. It is respectfully requested that, in preparing responses, the applicant fully consider the references in entirety as potentially teaching all or part of the claimed invention, as well as the context of the passage as taught by the prior art or disclosed by the examiner.

Claim Rejections - 35 USC § 102

7. The following is a quotation of the appropriate paragraphs of pre-AIA 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Art Unit: 2693

8. Claim 1 is rejected under pre-AIA 35 U.S.C. 102(e) as being anticipated by Shoji Hinata (US 20090096763 A1).

Regarding Claim 1, Shoji Hinata (US 20090096763 A1) discloses a display device (page 1, paragraph 3) with a touch panel (page 1, paragraph 3) comprising: the touch panel which includes a first substrate, and a second substrate arranged to face the first substrate in an opposed manner (page 1, paragraph 12 page 2, paragraph 18), wherein: the first substrate and the second substrate each include a detection area (page 1, paragraph 3) configured to detect a coordinate (page 1, paragraph 6, page 3, paragraphs 40-47) and an outside area which includes external terminals (page 1, paragraph 6, page 3, paragraph 40-47, suggests the wiring and lines connecting electrodes are connected to terminal connector external to the touch input area), the first substrate includes a plurality of first lines each configured to detect a coordinate (page 1, paragraphs 3, 5, 6, page 3, paragraphs 40-47), the second substrate includes a plurality of second lines in the detection area which face the first substrate plurality of second lines are configured of metal (page 1, paragraphs 3, 5, 6, page 3, paragraphs 40-47), and a polarizing plate is arranged on the first substrate at a side opposite to the second substrate (page 3, paragraph 36, page 4, paragraph 50, page 8, paragraphs 97, 98).

Claim Rejections - 35 USC § 103

9. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

10. Claims 2-5 are rejected under 35 U.S.C. 103(a) as being unpatentable over Shoji Hinata (US 20090096763 A1) as applied to claim 1 above, and further in view of Nakanishi Akira et al. (US 20050046622 A1).

Regarding Claim 2, Shoji Hinata (US 20090096763 A1) fails to disclose the polarizing plate comprises a linear polarizing plate.

However, in the applicant field of endeavor prior art of Nakanishi Akira et al. (US 20050046622 A1) discloses the first substrate and the second substrate and an outside area which includes external terminals (Please see page 4, paragraphs 53-56 suggests the wiring lines area connected to the FPC) a detection area configured to detect a coordinate (page 1, paragraphs 1, 2, for further details please see pages 14, 15, Paragraphs 248, 253) and a polarizing plate is arranged on the first substrate at a side opposite to the second substrate and the polarizing plate comprises a linear polarizing plate (page 4, paragraph 56, for further detail please see pages 10 and 11, paragraphs 183-195). Further Examiner maintain, "the first substrate and the second substrate and

Art Unit: 2693

an outside area which includes external terminals, a detection area configured to detect a coordinate and a polarizing plate is arranged on the first substrate at a side opposite to the second substrate” well known to one ordinary skill in the art; Please see prior art of Kusuda Yasuji (US 6,814,452 B2) Col. 4, Lines 5-30, Col. 10, Lines 28-39.

The prior art of Shoji Hinata (US 20090096763 A1) provides a base process of a display device with a touch panel comprising: a touch panel which includes a first substrate, a second substrate arranged to face the first substrate in an opposed manner with a gap formed there between, a first electrode which is constituted of a plurality of metal lines formed on a surface of the first substrate which faces the second substrate, and a second electrode formed on a surface of the second substrate which faces the first substrate; a display panel which is mounted on the second substrate on a side opposite to the first substrate; in which the claimed invention can be seen as an improvement in that the first substrate and the second substrate and an outside area which includes external terminals, a detection area configured to detect a coordinate and a polarizing plate is arranged on the first substrate at a side opposite to the second substrate and the polarizing plate comprises a linear polarizing plate is known technique disclosed by Nakanishi Akira et al. (US 20050046622 A1) and is applicable to base process of Shoji Hinata (US 20090096763 A1). Nakanishi Akira et al. (US 20050046622 A1) disclosing known technique of the first substrate and the second substrate and an outside area which includes external terminals, a detection area configured to detect a coordinate and a polarizing plate is arranged on the first substrate at a side opposite to the second substrate and the polarizing plate comprises a linear polarizing plate would

Art Unit: 2693

have been recognized by one skill in the art as applicable to base process of Alain Hamm et al. (US 20090167721 A1) and the results would have been predictable and resulted in the stabilized touch panel with excellent in surface smoothness and environmental resistance; which results in an improved process. Therefore, the claimed subject matter would have been obvious to a person having ordinary skill in the art at the time the invention was made.

Regarding Claim 3, Nakanishi Akira et al. (US 20050046622 A1) discloses the polarizing plate comprises a circular polarizing plate (page 4, paragraph 56). Further Examiner maintains a polarizing plate, a first polarizing plate is adhered to a surface of the display panel opposite to the second substrate, and the resin film constitutes a second polarizing plate is well known to one ordinary skill in the art please see prior art of Kusuda Yasuji (US 6,814,452 B2) Col. 10, Lines 28-39. Please also see prior arts of Hinata Shoji (US 20090096763 A1) pages 3-6, paragraphs 40-68.

Regarding Claim 4, Nakanishi Akira et al. (US 20050046622 A1) discloses the second lines comprise a second electrode each configured to detect a coordinate (page 1, paragraphs 1, 2, for further details please see pages 14, 15, Paragraphs 248, 253, suggests detecting the coordinates positions suggesting x and y coordinates detection on first and second electrodes). Please also see prior art of Kusuda Yasuji (US 6,814,452 B2) Col. 4, Lines 5-30. Please also see prior arts of Hinata Shoji (US 20090096763 A1) pages 3-6, paragraphs 40-68.

Art Unit: 2693

Regarding Claim 5, Nakanishi Akira et al. (US 20050046622 A1) discloses a transparent electrode connects to the second lines. (page 2, paragraphs 22-26), Please also see prior arts of Hinata Shoji (US 20090096763 A1) pages 3-6, paragraphs 40-68.

Conclusion

11. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Applicant is requested to review the cited prior arts on PTO 892's.

12. Any inquiry concerning this communication or earlier communications from the examiner should be directed to PRABODH M. DHARIA whose telephone number is (571)272-7668. The examiner can normally be reached on 8:00AM-5:00PM.

13. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Quan-Zhen Wang can be reached on 571-272-3114. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

14. 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

Art Unit: 2693

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.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

P.O. Box 1450

Alexandria VA 22313-1450

/Prabodh M Dharia/

Primary Examiner

Art Unit 2629

12-09-2013

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: OOKAWARA et al
Serial No.: 13/966,857
Filed: August 14, 2013
For: Display Device with Touch Panel
Art Unit: 2693
Examiner: P. Dharia
Conf. No.: 1196

AMENDMENT

Mail Stop: Amendment
Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

March 11, 2014

Sir:

The following amendments and remarks are respectfully submitted in connection with the above-identified application, in response to the Office Action dated December 12, 2013. The amendments are as listed below.

Amendments to the Claims; and

Remarks are included following the amendments.

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A display device with a touch panel comprising:

the touch panel which includes a first substrate, and a second substrate arranged to face the first substrate in an opposed manner, wherein:

the first substrate and the second substrate each include a detection area configured to detect a coordinate and an outside area in which external terminals are formed,

the first substrate includes a plurality of first lines each configured to detect a coordinate,

the second substrate includes a plurality of second lines in the detection area which face the first substrate,

each of the plurality of first lines and the plurality of second lines are configured of metal, [[and]]

each of the plurality of first lines is black in color,

a polarizing plate is arranged on the first substrate at a side opposite to the second substrate,

the first substrate includes a plurality of wiring groups.

each of the plurality of wiring groups include at least two first lines of the plurality of first lines, and

the at least two first lines of each of the plurality of wiring groups are combined with each other.

2. (original) The display device with a touch panel according to claim 1, wherein the polarizing plate comprises a linear polarizing plate.

3. (original) The display device with a touch panel according to claim 1, wherein the polarizing plate comprises a circular polarizing plate.

4. (original) The display device with a touch panel according to claim 1, wherein the second lines comprise a second electrode each configured to detect a coordinate.

5. (original) The display device with a touch panel according to claim 1, wherein a transparent electrode connects to the second lines.

6. (new) A display device with a touch panel according to claim 1, wherein the at least two first lines of each of the plurality of wiring groups are combined with each other by a pad member.

7. (new) A display device with a touch panel according to claim 1, wherein a transparent conductive film overlaps the plurality of the second lines in plan view, and wherein the transparent conductive film is electrically connected to the plurality of the second lines.

8. (new) A display device with a touch panel comprising:

the touch panel including a first substrate having a detection area to detect a coordinate and an outside area in which external terminals are formed, a plurality of

first lines to detect the coordinate in the detection area, a plurality of second lines to detect the coordinate in the detection area, each of the plurality of first lines traversing each of the plurality of second lines;

an organic luminescence electric device panel which is adhered to the touch panel; and

a circular polarizing plate which is adhered to the touch panel at a side opposite to the organic luminescence electric device panel.

9. (new) A display device with a touch panel according to claim 8, wherein each of the plurality of first lines and the plurality of second lines is made of metal, and wherein each of the plurality of first lines is black in color.

10. (new) A display device with a touch panel according to claim 9, wherein the touch panel includes a plurality of wiring groups, wherein each of plurality of wiring groups includes at least first two lines of the plurality of first lines, and wherein the at least two first lines in each of plurality of wiring groups are combined with each other.

11. (new) A display device with a touch panel according to claim 10, wherein the at least two first lines of each of the plurality of wiring groups are combined with each other by a pad member.

12. (new) A display device with a touch panel according to claim 9, wherein a transparent conductive film overlays the plurality of the second lines, and wherein the transparent conductive film is electrically connected to the plurality of the second lines.

13. (new) A display device with a touch panel according to claim 10, wherein a transparent conductive film overlays the plurality of the first lines, and wherein the transparent conductive film is electrically connected to the plurality of the first lines.

14. (new) A display device with a touch panel according to claim 9, wherein a transparent conductive film underlays the plurality of the second lines, and wherein the transparent conductive film is electrically connected to the plurality of the second lines.

15. (new) A display device with a touch panel according to claim 10, wherein a transparent conductive film underlays the plurality of the first lines, and wherein the transparent conductive film is electrically connected to the plurality of first lines.

REMARKS

By the above amendment, claim 1 has been amended to clarify and recite additional features of the present invention, with new dependent claims 6 and 7 reciting further features. Additionally, a new independent claim 8 has been presented together with new dependent claims 9 - 14 reciting further features of the present invention, as discussed below.

Turning to the amendment of claim 1, such claim has been amended to recite the feature that each of the plurality of first lines is black in color, as described in sub-paragraph (8) of paragraph [0045] at page 19 of the specification, while further defining the feature as illustrated in Fig. 14 of the drawings of this application and described in paragraph [0048] at page 20 of the specification, that the first substrate includes a plurality of wiring groups with each of the wiring groups including at least two first lines of the plurality of first lines, and that the at least two first lines of each of the plurality of wiring groups are combined with each other, noting that new dependent claim 6 recites the feature that the at least two first lines of each of the plurality of wiring groups are combined with each other by a pad member, as illustrated in Fig. 14 and described. Also, new dependent claim 7 recites the feature, as illustrated in Figs. 17 and 18 of the drawings of this application and described in paragraphs [0051] - [0052] at pages 21 and 22 of the specification, that a transparent conductive film, as represented by TLINE overlaps the plurality of second lines, as represented by MLINE, in plan view, and wherein the transparent conductive film is electrically connected to the plurality of second lines. It is noted that dependent claims 2 - 5 have been retained without amendment and applicants submit that independent claim 1, as amended, and dependent claims 2 - 7 recite features which

are not disclosed or taught in the cited art, as will become clear from the following discussion.

Additionally, by the present amendment, the new independent claim 8 has been presented directed to the structural arrangement as illustrated in Figs. 5 - 8 of the drawings, for example, and described in paragraph [0030] at page 12 of the specification that the display device with a touch panel includes the touch panel 10 having the features, as illustrated, and organic luminescence electric device panel 122, which is adhered to the touch panel 10, as illustrated in Fig. 6, and a circular polarizing plate 126, which is adhered to the touch panel 10 at a side opposite to the organic luminescence electric device panel 122. New dependent claims 9 and 10 recite the features corresponding to the newly added features of claim 1, as discussed above, while newly added dependent claims 11 - 14 recite features corresponding to newly added dependent claims 6 and 7, as discussed above. Applicants submit that the recited features of claims 8 - 15 are also supported by the application papers, as originally filed, and that such features are also not disclosed or taught in the cited art, as will become clear from the following discussion.

As to the rejection of claim 1 under pre-AIA 35 USC 102(e) as being anticipated by Shoji Hinata (US 2009/0096763 A1); and the rejection of claims 2 - 5 under 35 USC 103(a) as being unpatentable over Shoji Hinata (US 2009/0096763 A1), further in view of Nakanishi Akira et al (US 2005/0046622 A1); such rejections are traversed insofar as they are applicable to the present claims, as amended, and reconsideration and withdrawal of the rejections are respectfully requested.

Looking to claim 1, as amended, irrespective of the contentions by the Examiner concerning the disclosure of Shoji Hinata, applicants submit that Shoji Hinata fails to disclose in the sense of 35 USC 102 or teach in the sense of 35 USC

103, that each of the plurality of first lines is black in color and that the first substrate includes a plurality of wiring groups, wherein each of the plurality of wiring groups include at least two first lines of the plurality of first lines, and that the at least two first lines of each of the plurality of wiring groups are combined with each other. Thus, claim 1, as amended, recite features which patentably distinguish over Shoji Hinata and claim 1 and its dependent claims should be considered allowable thereover.

With respect to newly added dependent claims 6 and 7, hereagain, Shoji Hinata fails to disclose or teach the recited feature of dependent claim 6 that the at least two first lines of each of the plurality of wiring groups are combined with each other by a pad member, and that a transparent conductive film overlaps the plurality of second lines in plan view and that the transparent conductive film is electrically connected to the plurality of second lines. Accordingly, applicants submit that these newly added dependent claims recite further features which patentably distinguish over Shoji Hinata and should be considered allowable thereover.

As to the combination of Shoji Hinata and Nakanishi Akira et al in relation to the recited features of claims 2 - 5, irrespective of the contentions by the Examiner, applicants submit that Nakanishi Akira et al fails to disclose or teach the newly added features of claim 1, as discussed above, as well as the newly added features as recited in dependent claims 6 and 7. Thus, applicants submit that the combination of Shoji Hinata and Nakanishi Akira et al fail to provide the recited features of claim 1 and the dependent claims such that all claims should be considered allowable over this proposed combination of references.

With respect to newly added independent claim 8 and dependent claims

9 - 15, applicants submit that Shoji Hinata and Nakanishi Akira et al fail to disclose a touch panel and an organic luminescence electric device panel, wherein the organic luminescence electric device panel is adhered to the touch panel, and a circular polarizing plate is adhered to the touch panel at a side opposite to the organic luminescence organic electric device panel. Thus, applicants submit that claim 6 recites features not disclosed or taught by Shoji Hinata and Nakanishi Akira et al, taken alone, or in any combination thereof, such that claim 6 and the dependent claims should be considered allowable thereover.

As to newly added dependent claims 9 - 15 which depend directly or indirectly from claim 6, as noted above, such claims recite features corresponding to the newly added features of claims 1, 6 and 7 which are not disclosed or taught by Shoji Hinata and Nakanishi Akira et al, taken alone or in any combination thereof. Thus, applicants submit that independent claim 8 and its dependent claims 9 - 15, recite features which patentably distinguish over the cited art, and should be considered allowable thereover.

In view of the above amendments and remarks, applicants submit that all claims present in this application should now be in condition for allowance, and issuance of an action of favorable nature is courteously solicited.

To the extent necessary, applicants petition for an extension of time under 37 CFR 1.136. Please charge any shortage in the fees due in connection with the filing

of this paper, including extension of time fees, to the deposit account of Antonelli, Terry, Stout & Kraus, LLP, Deposit Account No. 01-2135 (Case: 1497.50463CX1), and please credit any excess fees to such deposit account.

Respectfully submitted,

ANTONELLI, TERRY, STOUT & KRAUS, LLP

 /Melvin Kraus/ *MK*

Melvin Kraus
Registration No. 22,466

MK/jla
(703) 312-6600



NOTICE OF ALLOWANCE AND FEE(S) DUE

20457 7590 04/16/2014
ANTONELLI, TERRY, STOUT & KRAUS, LLP
1300 NORTH SEVENTEENTH STREET
SUITE 1800
ARLINGTON, VA 22209-3873

EXAMINER

DHARIA, PRABODH M

ART UNIT PAPER NUMBER

2693

DATE MAILED: 04/16/2014

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/966,857	08/14/2013	Takeshi Ookawara	1497.50463CX1	1196

TITLE OF INVENTION: Display Device With Touch Panel

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	UNDISCOUNTED	\$960	\$0	\$0	\$960	07/16/2014

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the ENTITY STATUS shown above. If the ENTITY STATUS is shown as SMALL or MICRO, verify whether entitlement to that entity status still applies.

If the ENTITY STATUS is the same as shown above, pay the TOTAL FEE(S) DUE shown above.

If the ENTITY STATUS is changed from that shown above, on PART B - FEE(S) TRANSMITTAL, complete section number 5 titled "Change in Entity Status (from status indicated above)".

For purposes of this notice, small entity fees are 1/2 the amount of undiscounted fees, and micro entity fees are 1/2 the amount of small entity fees.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

**Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 or Fax (571)-273-2885**

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

20457 7590 04/16/2014
ANTONELLI, TERRY, STOUT & KRAUS, LLP
 1300 NORTH SEVENTEENTH STREET
 SUITE 1800
 ARLINGTON, VA 22209-3873

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/966,857	08/14/2013	Takeshi Ookawara	1497.50463CX1	1196

TITLE OF INVENTION: Display Device With Touch Panel

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	UNDISCOUNTED	\$960	\$0	\$0	\$960	07/16/2014

EXAMINER	ART UNIT	CLASS-SUBCLASS
DHARIA, PRABODH M	2693	345-173000

<p>1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).</p> <p><input type="checkbox"/> Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.</p> <p><input type="checkbox"/> "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.</p>	<p>2. For printing on the patent front page, list</p> <p>(1) The names of up to 3 registered patent attorneys or agents OR, alternatively, 1 _____</p> <p>(2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. 2 _____</p> <p>3 _____</p>
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE _____ (B) RESIDENCE: (CITY and STATE OR COUNTRY) _____

Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government

<p>4a. The following fee(s) are submitted:</p> <p><input type="checkbox"/> Issue Fee</p> <p><input type="checkbox"/> Publication Fee (No small entity discount permitted)</p> <p><input type="checkbox"/> Advance Order - # of Copies _____</p>	<p>4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)</p> <p><input type="checkbox"/> A check is enclosed.</p> <p><input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.</p> <p><input type="checkbox"/> The Director is hereby authorized to charge the required fee(s), any deficiency, or credits any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).</p>
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

5. **Change in Entity Status** (from status indicated above)

Applicant certifying micro entity status. See 37 CFR 1.29

Applicant asserting small entity status. See 37 CFR 1.27

Applicant changing to regular undiscounted fee status.

NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.

NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.

NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature _____ Date _____

Typed or printed name _____ Registration No. _____



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

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.
Row 1: 13/966,857, 08/14/2013, Takeshi Ookawara, 1497.50463CX1, 1196
Row 2: 20457, 7590, 04/16/2014, [Empty], [Empty]
Row 3: [Empty], [Empty], [Empty], EXAMINER, [Empty]
Row 4: [Empty], [Empty], [Empty], DHARIA, PRABODH M, [Empty]
Row 5: [Empty], [Empty], [Empty], ART UNIT, PAPER NUMBER
Row 6: [Empty], [Empty], [Empty], 2693, [Empty]

ANTONELLI, TERRY, STOUT & KRAUS, LLP
1300 NORTH SEVENTEENTH STREET
SUITE 1800
ARLINGTON, VA 22209-3873

DATE MAILED: 04/16/2014

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

<i>Notice Requiring Inventor's Oath or Declaration</i>	Application No. 13/966,857	Applicant(s) Takeshi Ookawara	
	Examiner DHARIA, PRABODH M	Art Unit 2693	

This notice is an attachment to the Notice of Allowability (PTOL-37), or the Notice of Allowability For A Design Application (PTOL-37D).

An inventor's oath or declaration in compliance with 37 CFR 1.63 or 1.64 executed by or with respect to each inventor has not yet been submitted.

An oath or declaration in compliance with 37 CFR 1.63, or a substitute statement in compliance with 37 CFR 1.64, executed by or with respect to each inventor (for any inventor for which a compliant oath, declaration, or substitute statement has not yet been submitted) **MUST** be filed no later than the date on which the issue fee is paid. See 35 U.S.C. 115(f). Failure to timely comply will result in ABANDONMENT of this application.

A properly executed inventor's oath to declaration has not been received for the following inventor(s):

If applicant previously filed one or more oaths, declarations, or substitute statements, applicant may have received an informational notice regarding deficiencies therein.

The following deficiencies are noted:

INFORMAL ACTION PROBLEMS

- A properly executed inventor's oath or declaration has not been received for the following inventor(s): **Takeshi Ookawara and Noriharu Matsudate**. Applicant may submit the inventor's oath or declaration at any time before the Notice of Allowance and Fee(s) Due, PTOL-85, is mailed.

Questions relating to this Notice should be directed to the Application Assistance Unit at 571-272-4200.

OMB Clearance and PRA Burden Statement for PTOL-85 Part B

The Paperwork Reduction Act (PRA) of 1995 requires Federal agencies to obtain Office of Management and Budget approval before requesting most types of information from the public. When OMB approves an agency request to collect information from the public, OMB (i) provides a valid OMB Control Number and expiration date for the agency to display on the instrument that will be used to collect the information and (ii) requires the agency to inform the public about the OMB Control Number's legal significance in accordance with 5 CFR 1320.5(b).

The information collected by PTOL-85 Part B is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Notice of Allowability	Application No. 13/966,857	Applicant(s) OOKAWARA ET AL.	
	Examiner PRABODH M. DHARIA	Art Unit 2693	AIA (First Inventor to File) Status No

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. This communication is responsive to 03-11-2014.
 A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.
2. An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.
3. The allowed claim(s) is/are 1-15. As a result of the allowed claim(s), 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 or send an inquiry to PPHfeedback@uspto.gov.
4. 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)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) 2. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____ 3. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material 4. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. | <ol style="list-style-type: none"> 5. <input type="checkbox"/> Examiner's Amendment/Comment 6. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance 7. <input type="checkbox"/> Other _____. |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

/PRABODH M DHARIA/
Primary Examiner, Art Unit 2693

Art Unit: 2693

1. The present application is being examined under the pre-AIA first to invent provisions.
2. **Status:** Please all the replies and correspondence should be addressed to Examiner's new art unit 2693. Receipt is acknowledged of papers submitted on 03-11-2014 under amendments and request for reconsideration, which have been placed of record in the file. Claims 1-15 are pending in this action.

Response to Amendment

3. The amendment filed on 03-11-2014 does not introduce any new matter into the disclosure. The added material does have support in the original disclosure. Applicant has added allowable to limitations to independent Claim 1 and newly added independent claim 9 to expedite allowance of instant application. Applicant has also added new dependent claims 6, 7, and 9-15 to claim additional features of the applicant's invention.

4. Applicant has added allowable to limitations to independent Claim 1 and newly added independent claim 9 to expedite allowance of instant application. Applicant has also added new dependent claims 6, 7, and 9-15 to claim additional features of the applicant's invention. Applicant arguments filed on 03-11-2014, under remark regarding allowable limitations “

For Claims 1-5

each of the plurality of first lines and the plurality of second lines are configured of metal, each of the plurality of first lines is black in color, a polarizing plate is arranged on the first substrate at a side opposite to the second substrate, the first substrate includes a plurality of wiring groups, each of the plurality of wiring groups include at least two first lines of the plurality of first lines, and the at least two first lines of each of the plurality of wiring groups are combined with each other

For Claims 6-15

first lines to detect the coordinate in the detection area, a plurality of second lines to detect the coordinate in the detection area, each of the plurality of first lines traversing each of the plurality of

Art Unit: 2693

second lines; an organic luminescence electric device panel which is adhered to the touch panel; and a circular polarizing plate which is adhered to the touch panel at a side opposite to the organic luminescence electric device panel" are persuasive; as after further extensive search and consideration, amended independent claims 1 and 8 does overcome the prior art rejection mailed on 12-12-2013; which puts application number 13966857 in condition for allowance.

Allowable Subject Matter

5. Claims 1-15 are allowed.

6. The following is an examiner's statement of reasons for allowance:

Applicant has added allowable to limitations to independent Claim 1 and newly added independent claim 9 to expedite allowance of instant application. Applicant has also added new dependent claims 6, 7, and 9-15 to claim additional features of the applicant's invention. Applicant's arguments filed on 03-11-2014 are convincing. As argued by applicant in remarks under claim rejection page 7, last two paragraphs; page 8, and page 9 paragraph 1; the prior arts of Shoji Hinata (US 2009/0096763 A1); Hamm et al. (US 20090167721 A1); Nakanishi Akira et al. (US 20050046622 A1) and Spath Todd Met al. (US 20060274047 A1) with all of the other prior art cited on 892's 1449's, searched in NPL and searched in PG PUB, fails to recite or disclose all the other limitations of independent claims in combination with uniquely distinct features represented by underlined bold claim limitations recited below;

For Claims 1-5

each of the plurality of first lines and the plurality of second lines are configured of metal, each of the plurality of first lines is black in color, a polarizing plate is arranged on the first substrate at a side opposite to the second substrate, the first substrate includes a plurality of wiring groups, each of the plurality of wiring groups include at least two first lines of the plurality of first lines, and the at least two first lines of each of the plurality of wiring groups are combined with each other.

For Claims 6-15

Art Unit: 2693

first lines to detect the coordinate in the detection area, a plurality of second lines to detect the coordinate in the detection area, each of the plurality of first lines traversing each of the plurality of second lines; an organic luminescence electric device panel which is adhered to the touch panel; and a circular polarizing plate which is adhered to the touch panel at a side opposite to the organic luminescence electric device panel.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Prabodh M Dharia whose telephone number is 571-272-7668. The examiner can normally be reached on M-F 8AM to 5PM.
8. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Quan-Zhen Wang can be reached on 571-272-3114. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.
9. 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).

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

P.O. Box 1450

Alexandria VA 22313-1450

Application/Control Number: 13/966,857

Page 5

Art Unit: 2693

/Prabodh M Dharia/

Primary Examiner

Art Unit 2693

04-15-2014