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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/285,312	10/31/2002	James E. Smith	1-23649	1413
27210	7590	10/05/2005	EXAMINER	
MACMILLAN, SOBANSKI & TODD, LLC ONE MARITIME PLAZA - FOURTH FLOOR 720 WATER STREET TOLEDO, OH 43604			ALAVI, ALI	
			ART UNIT	PAPER NUMBER
			2875	

DATE MAILED: 10/05/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

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Office Action Summary	Application No. 10/285,312	Applicant(s) SMITH ET AL.	
	Examiner Ali Alavi	Art Unit 2875	

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

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) 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 the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- 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 18 July 2005.
- 2a) This action is **FINAL**.
- 2b) This action is non-final.
- 3) 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

- 4) Claim(s) 1-5 and 7-13 is/are pending in the application.
 - 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) Claim(s) _____ is/are allowed.
- 6) Claim(s) 1-5, and 7-13 is/are rejected.
- 7) Claim(s) _____ is/are objected to.
- 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All b) Some * c) None of:
 - 1. Certified copies of the priority documents have been received.
 - 2. Certified copies of the priority documents have been received in Application No. _____.
 - 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) Notice of References Cited (PTO-892)
- 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date
- 4) Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) Notice of Informal Patent Application (PTO-152)
- 6) Other:

DETAILED ACTION

Response to Arguments

Applicant's arguments filed on 7/18/05 have been fully considered but they are not persuasive. Applicant argues that the cited references don't teach the limitation of "the controller generates an output signal only when the sensor signal changes by more than a predetermined amount" as recited in claims 1 and 7. Examiner respectfully disagrees with this assertion. Toda et al '823 shows the limitation in figure 2 and (col. 2, lines 8-27). Okuchi et al '398 shows the limitation in figure 4, the operating algorithm 107 and in column 1, lines 30-38. Gotoh '949 shows the limitation in figure 3. The cited references teach every limitation of the invention as described as applied in the following paragraphs. Therefore, the rejection of claims 1-5 and 7-13 stand.

Claim Rejections - 35 USC § 102

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

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent 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.

Claims 1-2, 4-5, 7-8, 10-13 are rejected under 35 U.S.C. 102(e) as being anticipated by Toda et al (U.S. Pat. No 6,305,823).

Toda et al discloses an automatic directional control system for a vehicle headlight comprising: a sensor (12, 14) that is adapted to generate a signal that is representative of a condition of the vehicle, said sensed condition includes one or more of road speed (12), and suspension height (14) of the vehicle; a controller (16) that is responsive to said sensor signal for generating an output signal; and an actuator (10) that is adapted to be connected to the headlight to effect movement thereof in accordance with said output signal, wherein said sensor generates a signal that is representative of the road speed of the vehicle (see abstract), speed sensor (12), Height sensor (14).

Claims 1-2, 4-5, 7-8, 10-13 are rejected under 35 U.S.C. 102(e) as being anticipated by Okuchi et al (U.S. Pat. No 6,193,398).

Okuchi et al discloses an automatic directional control system for a vehicle headlight comprising: a sensor (12) that is adapted to generate a signal that is representative of a condition of the vehicle, said sensed condition includes one or more of road speed (12) a controller (20) that is responsive to said sensor signal for generating an output signal; and an actuator (35) that is adapted to be connected to the headlight to effect movement thereof in accordance with said output signal, wherein said sensor generates a signal that is representative of the road speed of the vehicle (see abstract), speed sensor (12), pitch angle (2103, fig. 9), suspension height (2201, 2203, fig. 14).

Claim Rejections - 35 USC § 102

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

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-3 and 9 are rejected under 35 U.S.C. 102(b) as being anticipated by Gotoh (US Pat. No 5,909,949).

Gotoh discloses an automatic directional control system for a vehicle headlight comprising: a sensor (22) that is adapted to generate a signal that is representative of a condition of the vehicle, said sensed condition includes one or more of road speed (22), and steering angle (21) and a controller (10) that is responsive to said sensor signal for generating an output signal; and an actuator (24) that is adapted to be connected to the headlight to effect movement thereof in accordance with said output signal, wherein said sensor generates a signal that is representative of the road speed of the vehicle.

Conclusion

THIS ACTION IS MADE FINAL. 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 the end of the **THREE-MONTH** shortened statutory period, then the

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