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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/003,634	10/11/2013	Haruki Yoshimoto	NAGJMU-PT002	3817
3624	7590	04/02/2015	EXAMINER	
VOLPE AND KOENIG, P.C. UNITED PLAZA 30 SOUTH 17TH STREET PHILADELPHIA, PA 19103			OLSON, LARS A	
			ART UNIT	PAPER NUMBER
			3617	
			NOTIFICATION DATE	DELIVERY MODE
			04/02/2015	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):

eoffice@volpe-koenig.com

DETAILED ACTION

1. An amendment was received from the applicant on March 24, 2015.
2. Claim 2 has been cancelled.

Claim Rejections - 35 USC § 112

3. The following is a quotation of 35 U.S.C. 112(b):
(b) CONCLUSION.—The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the inventor or a joint inventor regards as the invention.

The following is a quotation of 35 U.S.C. 112 (pre-AIA), second paragraph:
The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

4. Claims 9 and 10 are rejected under 35 U.S.C. 112(b) or 35 U.S.C. 112 (pre-AIA), second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which the inventor or a joint inventor, or for pre-AIA the applicant regards as the invention.
5. Claim 9 does not end with a period "." on line 3, and is thus considered to be incomplete and indefinite. Claim 10 depends from claim 9.

Claim Rejections - 35 USC § 103

6. The following is a quotation of pre-AIA 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

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said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

7. Claim 1 is rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Huang et al. (US 6,786,679) in view of Sveen et al. (US 7,819,073).

Huang et al. discloses the same spar-type floating structure as claimed, as shown in Figure 4, that is comprised of a floating body with a first portion, defined as Part #13, that is located at the bottom of said body and forms a ballast portion, as described in lines 44-59 of column 3, a second portion, defined as Part #25, that is arranged in the middle of said body and forms a buoyancy portion, as described in lines 60-65 of column 3, a column portion, defined as Part #15, that connects said first and second portions, and a third portion, defined as Part #17, that is arranged at the top of the column portion.

Huang et al., as set forth above, discloses all of the features claimed except for the use of a hollow, cylindrical third extended portion that is fixedly arranged at a top of said column portion.

Sveen et al. discloses a floating wind turbine installation, as shown in Figures 1 and 2, that is comprised of a cylindrical buoyant body, defined as Part #1, and a hollow, cylindrical tower, defined as Part #2, that is fixedly arranged at a top of said buoyant body, as shown in Figure 2.

Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention, to utilize a hollow, cylindrical portion that is fixedly arranged at a top of a buoyant body, as taught by Sveen et al., in place of the third portion of the spar-type floating structure as disclosed by Huang et al. for the purpose of providing a spar-

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type floating structure with a cylindrical tower that is supported by a buoyant body having a ballast portion and a buoyancy portion to facilitate supporting said tower.

Allowable Subject Matter

8. Claims 3-8 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.

9. Claims 9 and 10 would be allowable if rewritten to overcome the rejection(s) under 35 U.S.C. 112(b) or 35 U.S.C. 112 (pre-AIA), 2nd paragraph, set forth in this Office action and to include all of the limitations of the base claim and any intervening claims.

Response to Arguments

10. Applicant's arguments with respect to claim 1 have been considered but are moot because the arguments do not apply to any of the references being used in the current rejection.

Conclusion

11. 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).

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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 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.

12. Any inquiry concerning this communication from the examiner should be directed to Exr. Lars Olson whose telephone number is (571) 272-6685.

lo

March 27, 2015

/Lars A. Olson/

Primary Examiner, Art Unit 3617