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MRG/Solventum			CLEVELAND, TIMOTHY C	
c/o Mueeting Raasch Group			ART UNIT	
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**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):

IPDocketing@Solventum.com  
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## DETAILED ACTION

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

1. The present application, filed on or after March 16, 2013, is being examined under the first inventor to file provisions of the AIA.

### *Election/Restrictions*

2. Applicant's election with traverse of Group I in the reply filed on 26 September 2024 is acknowledged. The traversal is on the ground(s) that the groups have unity of invention as Andren et al. did not disclose wherein the array of display elements are planar. This is found persuasive and the restriction mailed 26 September 2024 is hereby withdrawn.

### *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 1-9, 11-20 and 22 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 applications subject to pre-AIA 35 U.S.C. 112, the applicant), regards as the invention.

5. In regard to claim 1, the limitation of "a major side portion comprising [...] a top portion" in lines 3-4 appears to require that the top portion is an element of the major side portion. It is noted that the specification in [0030] and at least figure 1A depicts the major side portion 102 and the top portion 104 as different elements of the housing. Therefore, it is unclear how to interpret the above limitation in light of the disclosure.

6. In regard to claim 12, it is noted that the claim recites “a display” while “a display” was previously recited in claim 1. Therefore, it is unclear whether the limitations are referring to the same or different structures.
7. Claim 12 recites the limitation “each well” in line 7. There is insufficient antecedent basis for this limitation in the claim. It is noted that claim 1 recites “a well” and it unclear whether the limitation of “each well” further modifies or is in addition to the structure of “a well.”
8. Claim 12 recites the limitation “outer wells” in line 9. There is insufficient antecedent basis for this limitation in the claim. It is noted that claim 1 recites “a well” and it unclear whether the limitation of “outer wells” further modifies or is in addition to the structure of “a well.”
9. Claim 12 recites the limitation “inner wells” in line 9. There is insufficient antecedent basis for this limitation in the claim. It is noted that claim 1 recites “a well” and it unclear whether the limitation of “inner wells” further modifies or is in addition to the structure of “a well.”
10. In regard to claim 15, it is noted that the claim recites “a heating element” while “a heating element” was previously recited in claim 1. Therefore, it is unclear whether the limitations are referring to the same or different structures.
11. In regard to claim 19, it is noted that the claim recites “a first outer well of the electronic device of claim 1” while “a well” was previously recited in claim 1. Therefore, it is unclear whether the limitations are referring to the same or different structures.
12. Claim 22 recites the limitation “each well” in line 13. There is insufficient antecedent basis for this limitation in the claim.
13. Claim 22 recites the limitation “outer wells” in lines 13-14. There is insufficient antecedent basis for this limitation in the claim.
14. Claim 22 recites the limitation “inner wells” in line 14. There is insufficient antecedent basis for this limitation in the claim.

***Allowable Subject Matter***

15. Claims 1-9 and 11-20 and 22 would be allowable if rewritten or amended 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.

16. Claim 21 is allowed.

17. The following is a statement of reasons for the indication of allowable subject matter: the prior art does not teach, suggest or render obvious the claimed housing and display structure in combination with the elements of a well, heating element, excitation source and color sensor of claim 1 nor the controller programmed as recited in claims 21 and 22. The closest prior art of record was determined to be Hansen et al. (US 2020/0369223) which discloses a vehicle interior component having a display and Howell et al. (US 2017/0113225) which discloses a biochemical reaction system. One of ordinary skill in the art would not have been motivated to have combined the teachings of the above prior art to arrive at the claimed device.

***Conclusion***

18. Any inquiry concerning this communication or earlier communications from the examiner should be directed to TIMOTHY C CLEVELAND whose telephone number is (571)270-5041. The examiner can normally be reached M-F 9:00-5:30.

Examiner interviews are available via telephone, in-person, and video conferencing using a USPTO supplied web-based collaboration tool. To schedule an interview, applicant is encouraged to use the USPTO Automated Interview Request (AIR) at <http://www.uspto.gov/interviewpractice>.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Walter Griffin can be reached on (571) 272-1447. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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