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	APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
Ī	16/807,146	03/02/2020	Ted Thomas	NPL-20-03-01	1058
	143866 Nelson Patent L	7590 09/29/202	1	EXAMINER	
	2283 Lalique C	Cir.		DIGNAN, MICHAEL L	
	Colton, CA 923	524		ART UNIT	PAPER NUMBER
				1723	
				NOTIFICATION DATE	DELIVERY MODE
				09/29/2021	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):

dwayne@inlandip.com

	Application No.	Applicant(s)					
	16/807,146	Thomas, Ted					
Office Action Summary	Examiner	Art Unit	AIA (FITF) Status				
	MICHAEL L DIGNAN	1723	Yes				
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 w Failure to reply within the set or extended period for reply will, by statute, Any reply received by the Office later than three months after the mailing adjustment. See 37 CFR 1.704(b). 	, cause the application to become ABANDONE	D (35 U.S.C. § 133	3).				
Status							
1) ■ Responsive to communication(s) filed on 3/2/2020.							
☐ A declaration(s)/affidavit(s) under 37 CFR 1	I.130(b) was/were filed on	_·					
, —	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 allow closed in accordance with the practice under							
Disposition of Claims*							
5) 🗹 Claim(s) <u>1-4</u> 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5a) Of the above claim(s) is/are withdrawn from consideration.							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) 1-4 is/are rejected.							
8) Claim(s) is/are objected to.							
9) Claim(s) are subject to restriction are	nd/or election requirement						
* If any claims have been determined allowable, you may be eli-	•	secution High	way 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) <a>☑ The drawing(s) filed on <a>③/2/2020 is/are: a) <a>☑ accepted or b) <a>☐ 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	on is required if the drawing(s) is object	oted to. See 37	CFR 1.121(d).				
Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign	gn priority under 35 U.S.C. § 11	9(a)-(d) or (f).				
Certified copies:		. , . ,	, 				
a)□ All b)□ Some** c)□ None of t	he:						
 Certified copies of the priority docun 	nents have been received.						
Certified copies of the priority docun	nents have been received in Ap	plication 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) V Notice of References Cited (PTO-892)	3) Interview Summary	/ (PTO-413)					
	Paper No(s)/Mail D						
 Information Disclosure Statement(s) (PTO/SB/08a and/or PTO/S Paper No(s)/Mail Date 	(B/08b) 4) Other:						

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DETAILED ACTION

Notice to Applicant

1. Claims 1-4 are pending and are examined herein. This is the first action on the merits.

Claim Rejections - 35 USC § 102

2. 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 -

(a)(1) the claimed invention was patented, described in a printed publication, or in public use, on sale, or otherwise available to the public before the effective filing date of the claimed invention.

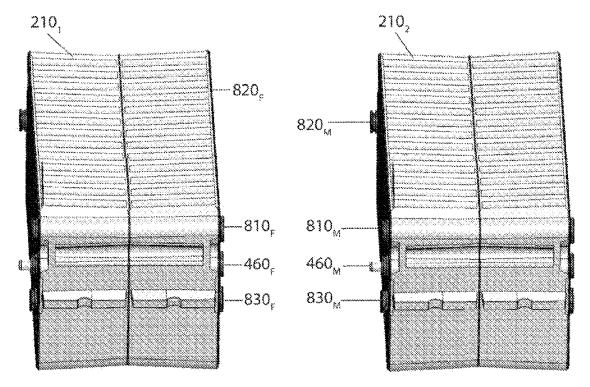
Claims *** are rejected under 35 U.S.C. 102(a)(1) as being anticipated by Harris (US 2018/0358667 to Harris et al.).

Regarding Claim 1, Harris teaches:

- a stackable battery system with at least two bussing housings 210 (Fig. 10, paras 0046-0048)
- each housing having a top electrical connector 460M and a bottom electrical connector 460F
 designed to mate with the top connector of another housing (Fig. 10A, para 0047)
- a top mechanical connector 810M and a bottom mechanical connector 810F operable to hold said bussing housing motionless in at least one dimension relative to another bussing housing when in close proximity (see Fig 10A showing mechanical interference fit for the two ports 820, and para 0048)
- at least one battery cell connected to each bussing housing (claim 1, para 0043, etc.)
- wherein said bussing housing together form a stacked batter module (Fig. 10A)

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FIG. 10A

Regarding Claim 2, Harris teaches:

copper buses (para 0038)

Regarding Claim 3, Harris teaches:

wherein the bussing housing comprises an intumescent material (para 0045)

Regarding Claim 4, Harris teaches:

• sensors for monitoring and controlling (paras 0036 and 0044)

Conclusion

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

disclosure:

- US Patent No. 8,980,465
- US 2007/0207377

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US 2013/0045401

• US 2013/0052515

US 2019/0348727

US 2020/0313128

5. Any inquiry concerning this communication or earlier communications from the examiner

should be directed to Michael Dignan, whose telephone number is (571) 272-6425. The examiner can

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normally be reached from Monday to Friday between 10 AM and 6:30 PM. If any attempt to reach the

examiner by telephone is unsuccessful, the examiner's supervisor, Milton Cano, can be reached at

(313)446-4937. Another resource that is available to applicants is the Patent Application Information

Retrieval (PAIR). Information regarding the status of an application can be obtained from the (PAIR)

system. Status information for published applications may be obtained from either Private PAIR or

Public PAX. 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, please feel free to contact the Electronic Business Center (EBC) at

866-217-9197 (toll-free). Applicants are invited to contact the Office to schedule an in-person interview

to discuss and resolve the issues set forth in this Office Action. Although an interview is not required,

the Office believes that an interview can be of use to resolve any issues related to a patent application in

an efficient and prompt manner.

/MICHAEL L DIGNAN/

Examiner, Art Unit 1723