

Exhibit E



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Weigensberg et al.

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(45) **Date of Patent:** **Apr. 23, 2019**

(54) **CARTRIDGE ASSEMBLY FOR AN ELECTRONIC VAPING DEVICE**

(58) **Field of Classification Search**

None

See application file for complete search history.

(71) Applicant: **Nu Mark Innovations Ltd.**, Beit Shemesh (IL)

(56) **References Cited**

U.S. PATENT DOCUMENTS

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5,388,594	A	2/1995	Counts et al.
5,750,964	A	5/1998	Counts et al.
6,155,268	A	12/2000	Takeuchi
7,381,277	B2	6/2008	Gonterman et al.
7,726,320	B2	6/2010	Robinson et al.
9,943,107	B2	4/2018	Weigensberg et al.
2007/0074734	A1	4/2007	Braunshsteyn et al.
2008/0092912	A1	4/2008	Robinson et al.
2010/0200006	A1	8/2010	Robinson et al.
2012/0006346	A1	1/2012	Inagaki

(Continued)

(73) Assignee: **Nu Mark Innovations Ltd.**, Beit Shemesh (IL)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

FOREIGN PATENT DOCUMENTS

(21) Appl. No.: **16/164,211**

CN	86203578	U	3/1987
CN	101043827	A	9/2007

(Continued)

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(65) **Prior Publication Data**

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Related U.S. Application Data

(63) Continuation of application No. 15/918,440, filed on Mar. 12, 2018, now Pat. No. 10,143,242, which is a continuation of application No. 14/109,393, filed on Dec. 17, 2013, now Pat. No. 9,943,107.

(60) Provisional application No. 61/737,847, filed on Dec. 17, 2012.

(51) **Int. Cl.**
A24F 47/00 (2006.01)
A61M 15/06 (2006.01)

(52) **U.S. Cl.**
CPC *A24F 47/008* (2013.01)

OTHER PUBLICATIONS

International Search Report and Written Opinion dated Mar. 27, 2014 for PCT/IL2013/051033.

(Continued)

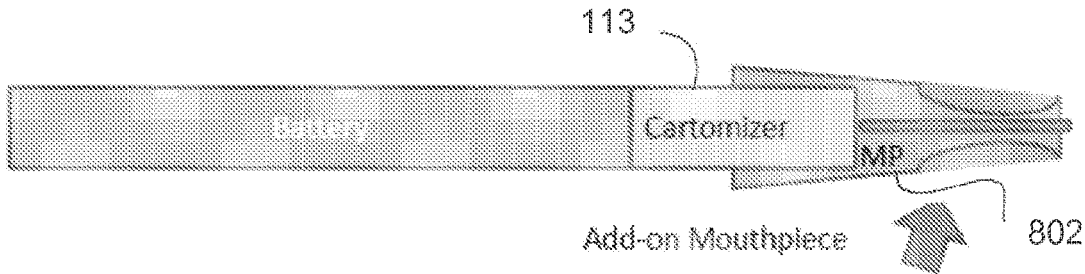
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(57) **ABSTRACT**

An electronic cigarette (“e-Cig”) may include flavor enhancements to improve or add to the flavor of an e-Cig. The e-Cig cartomizer may include a flavor sticker, shell, booster, or mouthpiece that provides additional flavor to the user. In addition, the flavor enhancements may also provide or further enhance the smell of the e-Cig.

18 Claims, 8 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

2012/0048266	A1	3/2012	Alelov
2012/0060853	A1	3/2012	Robinson et al.
2012/0227752	A1	9/2012	Alelov
2013/0192617	A1	8/2013	Thompson
2013/0298905	A1	11/2013	Levin et al.
2013/0319440	A1	12/2013	Capuano
2018/0199632	A1	7/2018	Weigensberg et al.

FOREIGN PATENT DOCUMENTS

CN	200983833	Y	12/2007
CN	201127285	Y	10/2008
CN	101557728	A	10/2009
CN	102014677	A	4/2011
EP	1736065	A1	12/2006
WO	WO-2012/142293	A2	10/2012

OTHER PUBLICATIONS

European Search Report dated Jul. 24, 2015 issued in corresponding European Patent Application No. 13819082.2.

Kazakhstan Office Action dated Nov. 7, 2016 issued in corresponding Kazakhstan Application No. 2015/0849.1.

Chinese Office Action dated Dec. 27, 2016 issued in corresponding Chinese Patent Application No. 201380066163.3 (English translation provided).

Office Action for corresponding Russian Application No. 2015129125 dated Mar. 27, 2017 and English translation thereof.

Chinese Office Action dated Jun. 16, 2017 issued in corresponding Chinese Application No. 201380066163.3 (English translation provided).

Chinese Office Action dated Dec. 8, 2017 in Chinese Application No. 201380066163.3, with English translation.

Ukraine Office Action dated Nov. 29, 2017 in Ukrainian Application No. 29806/3A/17.

Malaysian Examination Report dated Mar. 30, 2018 issued in corresponding Malaysian Application No. PI 2015001554.

Chinese Office Action dated Jun. 15, 2018 issued in Chinese Application No. 201380066163.3 (English translation provided).

Examination Report from the European Patent Office for EP Appl. No. 13 819 082.2 dated Sep. 6, 2018.

Figure 1

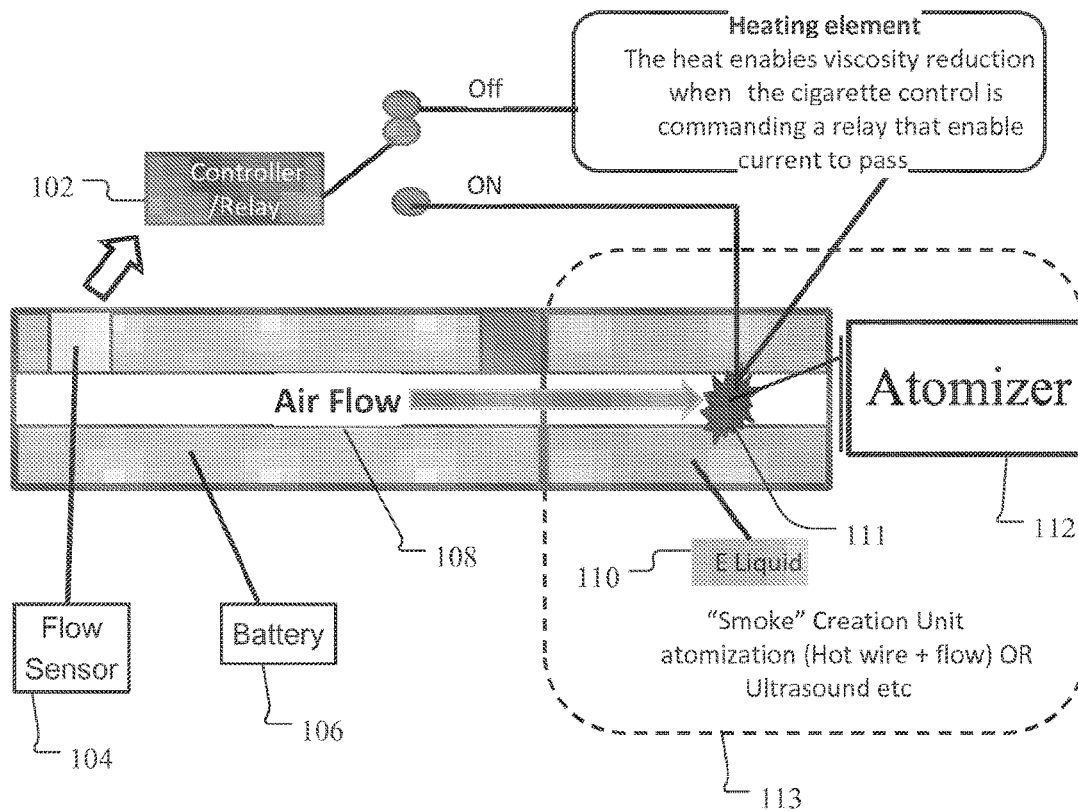
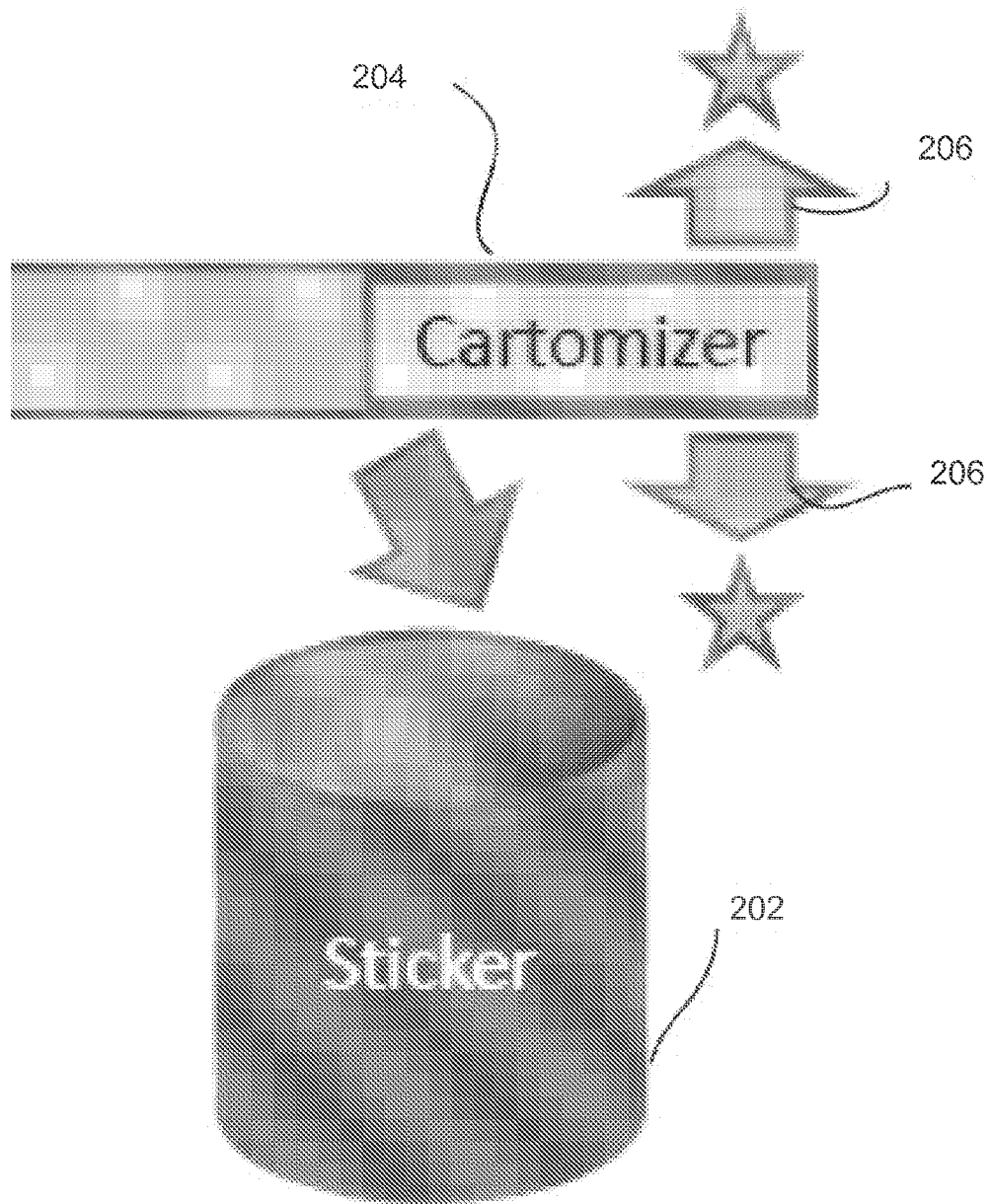


Figure 2



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