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(54) **SWEET CORN HYBRID SV1446SD AND PARENTS THEREOF**

8,766,062 B2 7/2014 Fisher et al.
8,878,030 B2 11/2014 Fisher et al.
2013/0180004 A1 7/2013 Fisher et al.
2014/0317775 A1 10/2014 Fisher et al.

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(58) **Field of Classification Search**
None
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

8,062,840 B2 11/2011 Anderson et al.
8,212,113 B2 7/2012 Beazley et al.
8,502,025 B2 8/2013 Fisher et al.
8,581,078 B2* 11/2013 Hellewell A01H 5/10
435/410

OTHER PUBLICATIONS

U.S. Appl. No. 14/046,701, filed Oct. 4, 2013, Fisher et al.
U.S. Appl. No. 14/259,124, filed Apr. 22, 2014, Fisher et al.
U.S. Appl. No. 14/259,127, filed Apr. 22, 2014, Fisher et al.
U.S. Appl. No. 14/265,288, filed Apr. 29, 2014, Fisher et al.
U.S. Appl. No. 14/540,971, filed Nov. 13, 2014, Fisher et al.
Hu, G. and S. H. Hulbert; "Construction of 'compound' rust genes in maize," *Euphytica*; 87: 45-51; 1996.
Moose SP, Mumm RH., "Molecular plant breeding as the foundation for 21st century crop improvement", *Plant Physiol.*; 147(3):969-77; Jul. 2008.
Variety specific information as indicated in transmittal letter of Sep. 30, 2015 Information Disclosure Statement for U.S. Appl. No. 14/540,980.

* cited by examiner

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(57) **ABSTRACT**

The invention provides seed and plants of sweet corn hybrid SV1446SD and the parent lines thereof. The invention thus relates to the plants, seeds and tissue cultures of sweet corn hybrid SV1446SD and the parent lines thereof, and to methods for producing a sweet corn plant produced by crossing such plants with themselves or with another sweet corn plant, such as a plant of another genotype. The invention further relates to seeds and plants produced by such crossing. The invention further relates to parts of such plants, including the parts of such plants.

20 Claims, No Drawings