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DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN,  
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OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA,  
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(54) Title: SEED DELIVERY APPARATUS

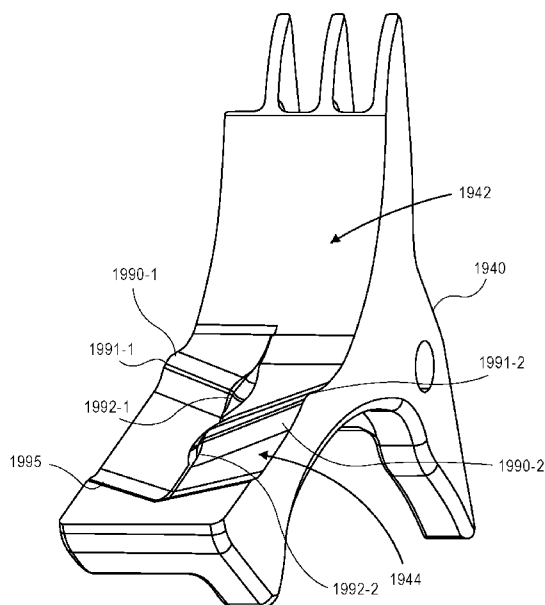


FIG. 18A

(57) Abstract: Described herein is a seed conveyor assembly that del-  
ivers seed to a planting surface in a controlled manner to maintain  
seed placement accuracy within a trench. In one embodiment, a seed  
guide for a seed conveyor assembly includes a relief portion and an  
introduction portion that includes at least one protrusion. The protru-  
sion is angled from a side of the introduction portion toward the cen-  
ter of the introduction portion. The end of the protrusion is proximate  
the center of the introduction portion being further from the relief portion.



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## A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - A01C 14/00; A01C 7/00; A01C 15/00; B65G 23/00; B65G 11/20 (2017.01)  
 CPC - A01C 14/00; A01C 7/00; A01C 15/00; B65G 23/00; B65G 11/20

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

See Search History Document

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

See Search History Document

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

See Search History Document

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X -- A	US 2014/0174199 A1 (STRNAD et al.) 26 June 2014 (26.06.2014); entire document, especially para [0034], [0036], [0046]-[0047], and Fig. 1 and 4-6.	1-11, 13-17 -- 12
X -- A	US 2016/0212932 A1 (RADTKE) 28 July 2016 (28.07.2016); entire document, especially para [0032], [0038], [0052]-[0054], and Fig. 1, 4-5, and 7-9.	18-19 -- 20-21
A	US 2014/0230705 A1 (RADTKE et al.) 21 August 2014 (21.08.2014); entire document.	1-21
A	US 2013/0192504 A1 (SAUDER et al.) 1 August 2013 (01.08.2013); entire document.	1-21
A	US 2002/0050238 A1 (CRABB et al.) 2 May 2002 (02.05.2002); entire document.	1-21

Further documents are listed in the continuation of Box C.

See patent family annex.

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