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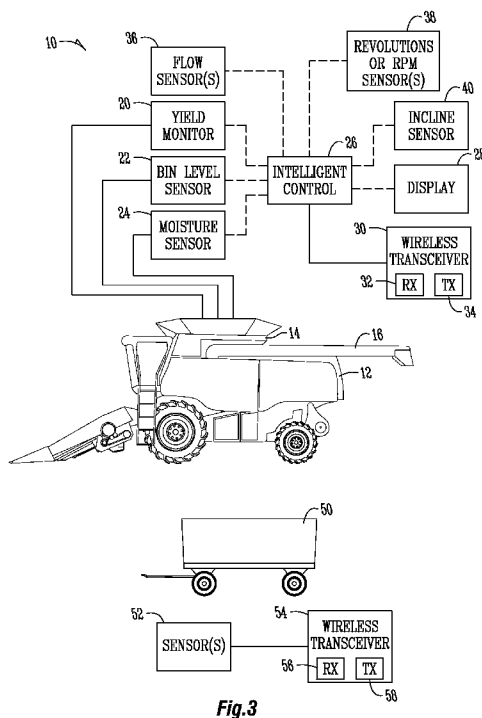


Fig.3

(57) Abstract: A combine bin level monitor may include a yield monitor to determine how much grain has been added to the combine tank, a container weighing system (e.g. scales on a grain cart) that measures the amount of grain unloaded from the combine tank and wirelessly transfers the amount to the combine bin level monitoring system. The system further includes a software routine in the combine bin level monitoring system that calculates and displays the bin level by adding grain accumulated by the yield monitor and subtracting grain accumulated by the container weighing system from the last known amount of grain in the combine tank. The accumulated grain is the amount accumulated since the last time the amount of grain in the combine tank was known.

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER IPC(8) - A01D 75/18 (2012.01) USPC - 460/1 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) IPC(8) - A01D 75/18 (2012.01) USPC - 460/1 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched USPC - 460/4, 6, 7, 8, 22, 149, 150 (text search - see terms below) Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) PubWEST(USPT,PGPB,EPAB,JPAB); Google Scholar; Google Patents Search Terms: combine, harvester, bin, container, level, sensor, monitor, weigh, scale, wireless, display, calibrate, auger, grain, moisture,... etc.		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2002/0133309 A1 (Hardt) 19 September 2002 (19.09.2002), para [0005]-[0006] and [0008]	1-27
Y	US 2005/0003875 A1 (Beck et al.) 06 January 2005 (06.01.2005), para [0025]-[0027]	1-7 and 16-27
Y	US 2009/0325658 A1 (Phelan et al.) 31 December 2009 (31.12.2009), para [0015], [0019] and [0021]-[0022]	5, 7-15 and 20-25
☐ Further documents are listed in the continuation of Box C.		
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Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US, Commissioner for Patents P.O. Box 1450, Alexandria, Virginia 22313-1450 Facsimile No. 571-273-3201		Authorized officer: Lee W. Young PCT Helpdesk: 571-272-4300 PCT OSP: 571-272-7774