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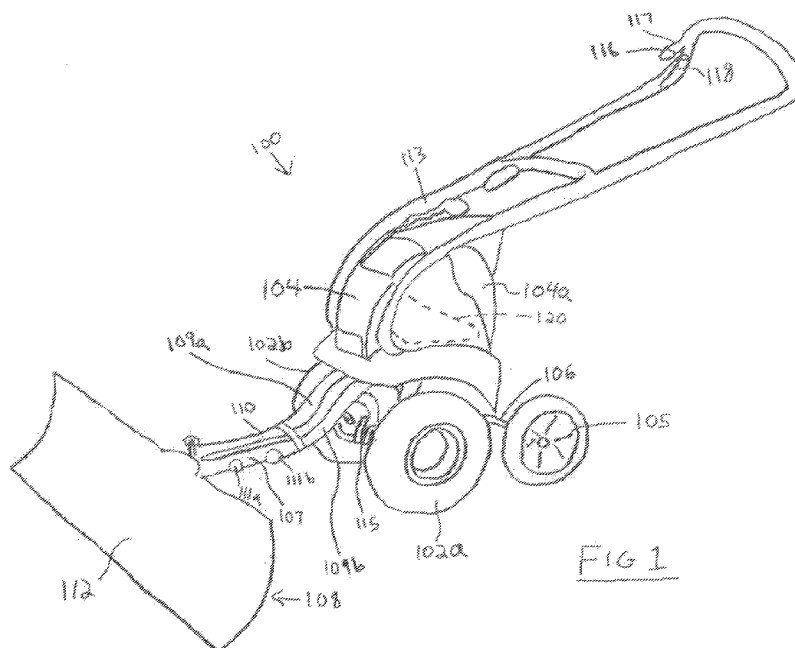
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(54) Title: POWERED IMPLEMENT MACHINE



(57) Abstract: A user-walk-behind self-propelled implement machine having a frame, a motor, a handle, and a plurality of wheels. The machine may operate one of a plurality of implements, including a shovel blade, a hitch, an aerator, a dethatcher, a lawn sweeper, a spreader, a wheel barrow, or a lawn mower. The implement may also be a sweeping brush, and wherein the brush is driven to rotate by a belt attached to the motor. The machine has a receiver for connecting the implement to the frame. The motor drives axles. Tiller tines or wheels are connected to the axles. When the implement is a shovel, a user operates the shovel by engaging the motor and steering the shovel to plow snow from a surface.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 09/44387

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - A01B 63/00 (2009.01)

USPC - 172/250

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): A01B 63/00 (2009.01)

USPC: 172/250

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

IPC(8): A01B 63/00 (2009.01) - see search terms below

USPC: 37/244; 172/42, 133, 136, 245, 250-254 - see search 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); DialogPRO(Engineering); GoogleScholar

Search Terms: Walk-behind, receiver, sulky, convertible, two-wheeled, tractor, mower, spreader, motor, attachment, shovel, plow, snow, pivot, rotate, angle, barrow, hitch, latch, tab, lever, connector, anchor, trailer, tongue, height, implement, motorized

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2004/0007402 A1 (KUJAWA) 15 January 2004 (15.01.2004), Fig 1, 4-6, para [0070]-[0073]	1, 11-14, 16, and 19-20
Y		2-10, 15, 17-18
Y	US 6,675,507 B2 (PETRUZZELLI) 13 January 2004 (13.01.2004), Fig 1-2, col 3, ln 46-48	6-9
Y	US 5,423,565 A (SMITH) 13 June 1995 (13.06.1995), Fig 1-2	10
Y	US 2004/0149456 A1 (JOLLIFF et al.) 05 August 2004 (05.08.2004), para [0015]	15
Y	US 2,712,211 A (SMITH et al.) 05 July 1955 (05.07.1955), Fig 39-40, para [0121]	17
Y	US 6,935,446 B2 (WALKER) 30 August 2005 (30.08.2005), Fig 1-5	2-5
Y	US 3,782,085 A (PARKER et al.) 01 January 1974 (01.01.1974), Fig 1-2, 4-5, col 4, ln 13-15	2-5
Y	US 5,947,505 A (MARTIN) 07 September 1999 (07.09.1999), Fig 1	5

☒ Further documents are listed in the continuation of Box C.

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 4,340,240 A (ANDERSON) 20 July 1982 (20.07.1982), Fig 1, 3	18
Y	US 3,891,237 A (ALLEN) 24 June 1975 (24.06.1975), Fig 2-3	18