

PatBase - Search results 30 June 2017

Search query (9): [SP]: [0041] embodiments of the present invention are now described with reference of the drawings.[0042] fig. 1 shows a perspective view of a first embodiment of the apparatus according to the present invention,[0043] fig. 2 shows another perspective view of the first embodiment of the apparatus of the present invention,[0044] fig. 3 shows a side view of the first embodiment of the apparatus of the present invention,[0045] fig. 4 shows a rear view of the first embodiment of the apparatus of the present invention,[0046] fig. 5 shows a front view of the first embodiment of the apparatus of the present invention,[0047] fig. 6 shows the furrow compactor of the first embodiment of the apparatus of the present invention,[0048] fig. 7 shows a detail of the furrow compactor of the first embodiment of the apparatus of the present invention,[0049] fig. 8 shows a dynamic traction wheel of the first embodiment of the apparatus of the present invention,[0050] figs. 9 and 10 illustrate the function of the coupling mechanism of the first embodiment of the apparatus of the present invention,[0051] fig. 11 shows a detail of the coupling mechanism shown in figs. 9 and 10,[0052] fig. 12 shows a perspective view from the front of a second embodiment of the apparatus according to the present invention,[0053] fig. 13 shows a perspective view from behind of the second embodiment of the apparatus according to the present invention,[0054] fig. 14 shows a bottom view of the second embodiment of the apparatus of the present invention,[0055] fig. 15 shows a side view of the second embodiment of the apparatus of the present invention, further showing the ground level,[0056] fig. 16 shows the furrow opener of the second embodiment of the apparatus of the present invention,[0057] fig. 17 shows another view of the furrow opener of the second embodiment of the apparatus of the present invention,[0058] fig. 18 shows the dynamic traction wheel of the second embodiment of the apparatus of the present invention, and[0059] fig. 19 shows the transplanting part of the second embodiment of the apparatus of the present invention.

Results: 19

Title:

VORRICHTUNG ZUM PFLANZEN
VON SAEMLINGEN EINER
LANDWIRTSCHAFTLICHEN
PFLANZE APPARATUS FOR
PLANTING SEEDLINGS OF AN
AGRICULTURAL PLANT
APPAREIL POUR PLANter DES
SEMIS DE PLANTES
AGRICOLEES

Abstract:

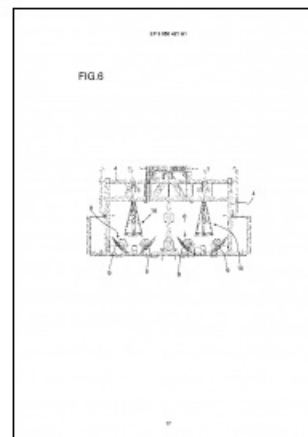
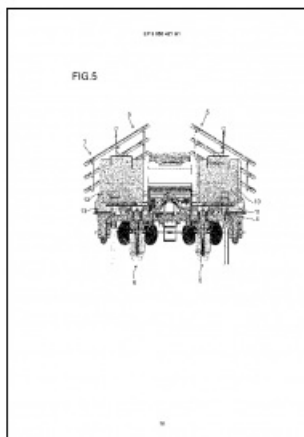
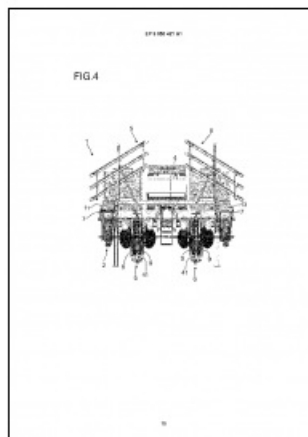
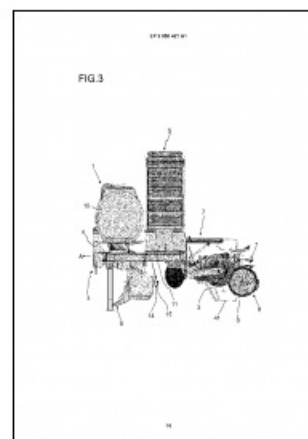
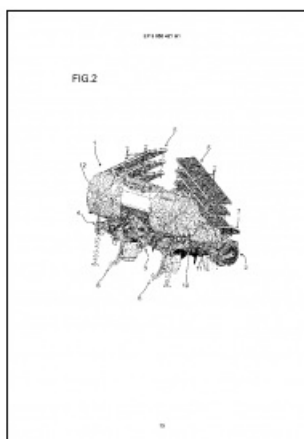
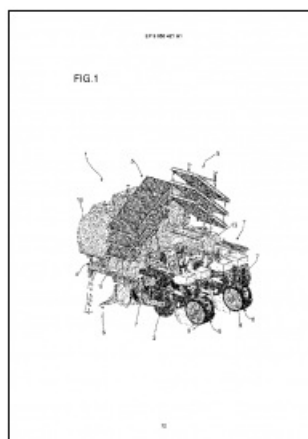
Source: EP3050421A1 The present invention relates to an apparatus (1) for planting seedlings (44) of an agricultural plant. In particular, the apparatus (1) is adapted for planting sugar cane seedlings (44). The apparatus (1) comprises means (2) for moving the apparatus (1) in a first direction (V A) over a field with soil in which the seedlings (44) are to be planted. Further, the apparatus (1) comprises a seedling conveying device (7) for conveying individual seedlings (44) at a defined time interval to a seedling pushing mechanism (39-43), said seedling pushing mechanism (39-43) being ...

Probable Assignee:

BASF SE

Assignee(s):(std):

BASF SE



16 more images available

Title:

Improvements in and relating to the planting and transplanting of the seedlings of plants

Abstract:

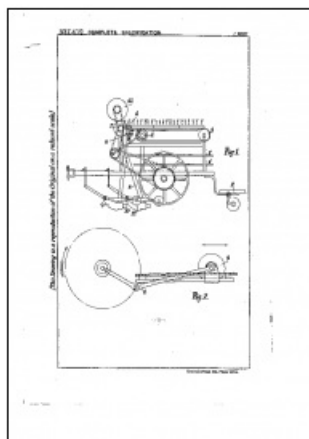
Source: GB337412A Planting-machines; manure distributors.-Selfcontained turf-like sections of prepared soil containing growing seedlings or plants to be transplanted are placed on a transportable planting machine which divides them into small rectangular clods and deposits them in furrows made by ploughshares on the machine. The sections are placed on shelves 1 and are transferred to a conveyer band or chain 3 by the operator standing on a platform 2. The conveyer is driven intermittently by a pawl and ratchet wheel 4 and delivers the sections to a rotary cutter 5 which is reciprocated ...

Probable Assignee:

PAUL ARTEMOWICH
HISNICHENKO

Assignee(s):(std):

PAUL ARTEMOWICH
HISNICHENKO



Title:

Liquid fertilizer attachment

Abstract:

Source: US2888891A (Claim 1)

1. In a planter and liquid distributing implement having, a seed furrow opener and a fertilizer boot connected with the latter, said boot having a fertilizer-receiving opening, the improvement comprising a liquid metering head having a portion insertible into the fertilizer-receiving opening, means on said head to secure the latter to said fertilizer boot, and flow controlling means carried by said head, said fertilizer boot having a generally horizontal slotted portion and a generally vertical entrance opening communicating with said slotted portion at one end ...

Probable Assignee:

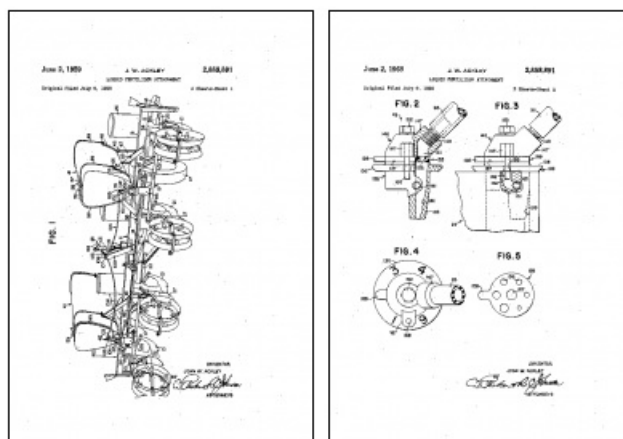
DEERE AND CO

Assignee(s):(std):

DEERE AND CO

Assignee(s):

DEERE AND COMPANY



Title:

METHOD FOR CULTIVATING SUGAR CANE

Abstract:

Source: US2014283443A The present invention relates to a method for cultivating sugar cane comprising removing buds together with meristematic tissue from the stalk of a 6 to 18 months old sugar cane plant, treating the buds with at least one fungicide and/or at least one insecticide and/or at least one nematocide and/or at least one growth regulator and/or at least one rooting enabler and/or growth-promoting bacteria, planting these buds in a growth medium, growing seedlings from the buds at a temperature of at least 15 degrees centigrade, and 10 to 120 days after planting the buds, ...

Probable Assignee:

BASF SE

Assignee(s):(std):

AZENHA ANTONIO CESAR ; BASF SE ; DEGASPARI NILTON ; QUEIROZ PAULO CESAR ; WERNER FRANK ; TEIXEIRA CASSIO DA SILVA CARDOSO ; TAVARES RODRIGUES MARCO ANTONIO

Title:

SUGAR CANE PLANTER

Abstract:

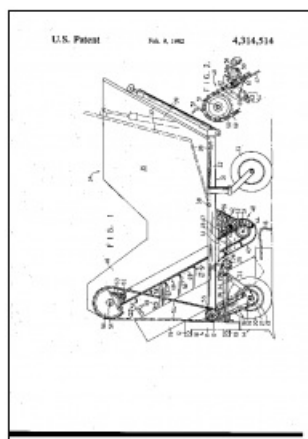
Source: US4314514A A sugar cane planter includes a main frame which may be hitched to the rear of a tractor and is supported by adjustable depth wheels, a drill plough for opening a furrow being mounted under the main frame. A trailer frame, mounted on wheels and connected pivotally about a transverse axis to the main frame carries a hopper for a bulk supply of cane setts and a tank for fungicidal liquid, into which the cane setts pass gravitationally from the hopper. An elevator elevates the setts from the tank and discharges them into a chute leading to the furrow opened by the drill ...

Probable Assignee:

BINDER JOHANN V

Assignee(s):(std):

BINDER JOHANN V



Title:
DEVICE FOR ALIGNING,
CUTTING AND COVERING
SEED CANE

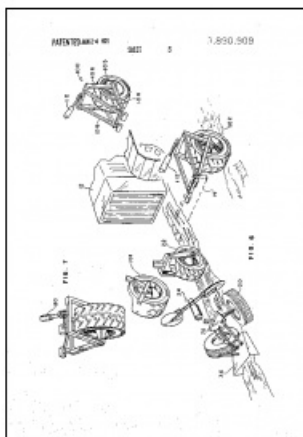
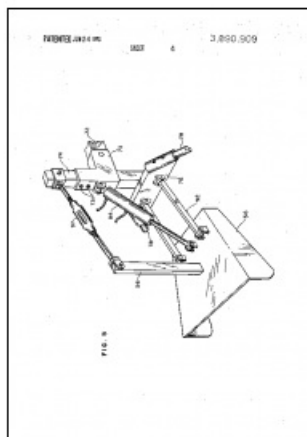
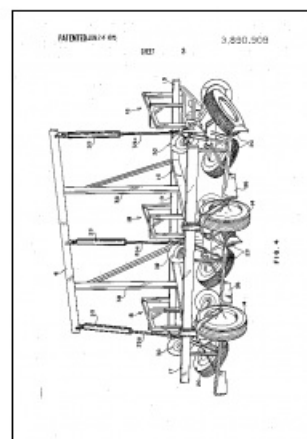
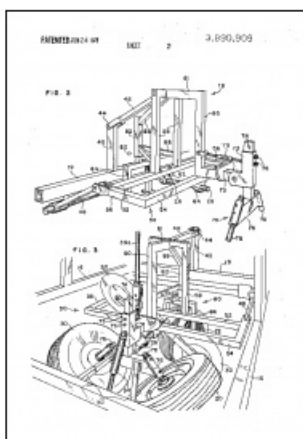
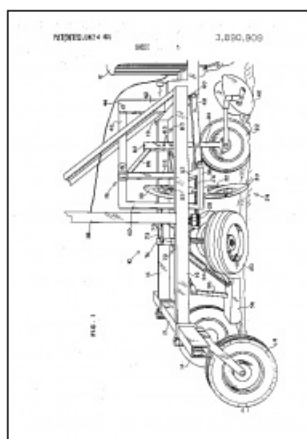
Abstract:

Source: US3890909A A device designed to travel through a field, aligning previously dropped seed canes so as to cause the canes to lie properly in furrows, with rotating cutter means on the device then acting upon the canes to cut them into comparatively short, essentially uniform lengths, so that sugar cane plants will thereafter sprout from the cut canes in a substantially uniform manner. Subsequent to the cutting, means carried by the device serve to move dirt on top of the cut canes to accomplish a covering thereof, and if desired, a packing wheel arrangement can be utilized such that ...

Probable Assignee:
DUDA AND SONS

Assignee(s):(std):
DUDA AND SONS ; DUDA AND SONS INC A

Assignee(s):
A DUDA AND SONS INC



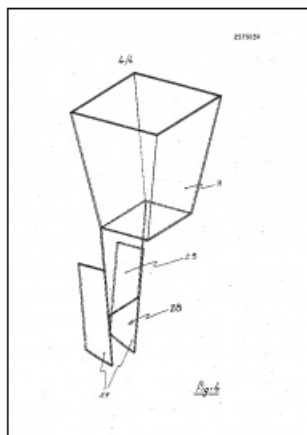
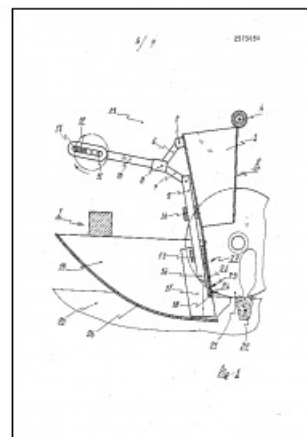
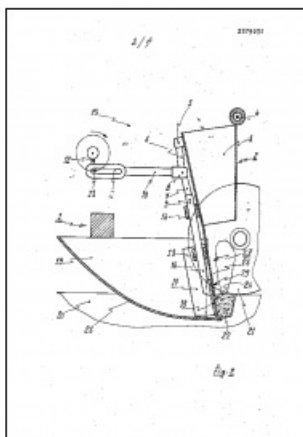
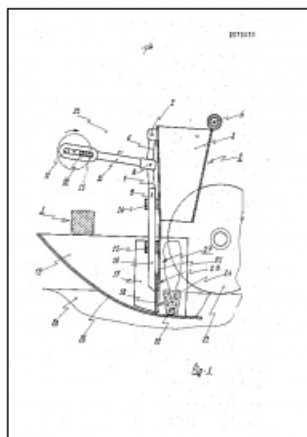
Title:
PERFECTIONNEMENT APORTE
AUX DISPOSITIFS
AUTOMATISES POUR LA MISE
EN TERRE DES PLANTS AINSI
QUE LES MACHINES A PLANTER
EQUIPEES DE CES
DISPOSITIFS

Abstract:

Source: FR2575030A The invention relates to improvements made to automated devices for the planting of seedlings. According to a characteristic arrangement, this improved device comprises a pusher 27 driven in an alternating movement in a stationary shoe, said pusher 27 consisting of a pusher body 25 extended by two cheeks 17 and of a self-cleaning pusher shutter 18. The invention is used particularly on pricking-out and planting machines. L'INVENTION EST RELATIVE A DES PERFECTIONNEMENTS APPORTES AUX DISPOSITIFS AUTOMATISES POUR LA MISE EN TERRE DE PLANTS. SUIVANT UNE DISPOSITION ...

Probable Assignee:
REGERO SA

Assignee(s):(std):
REGERO SA



Title:
BILLET PLANTER

Abstract:

Source: WO9114356A1 Planting apparatus (10) includes cutting apparatus (25) which is adapted to cut the cane stalks into billets and to feed them to the delivery chute (15). The cutting apparatus (25) includes upper and lower laterally extending spindles (30 and 31), each of which support a pair of cutting knives (32 and 33) respectively, in diametrically opposed positions. The spindles (30 and 31) support a series of resilient fingers (35) spaced around and extending along their outer surface and grouped in sets of four at either side of the respective pairs of knives (32 and 33). The upper ...

Probable Assignee:

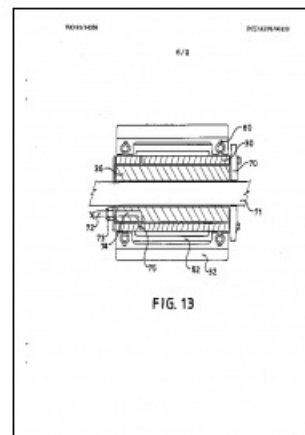
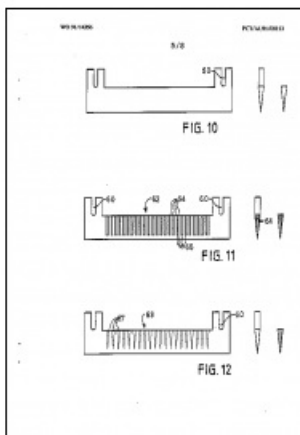
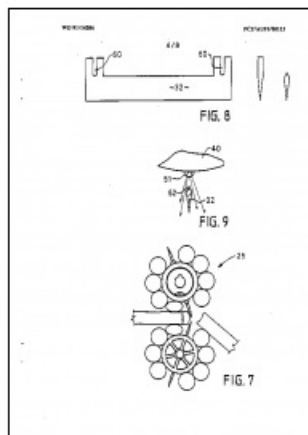
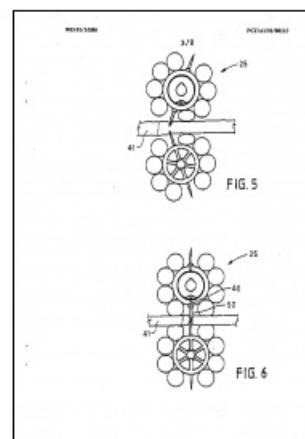
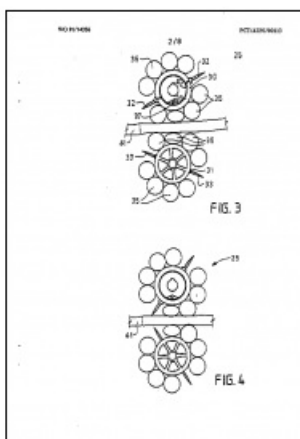
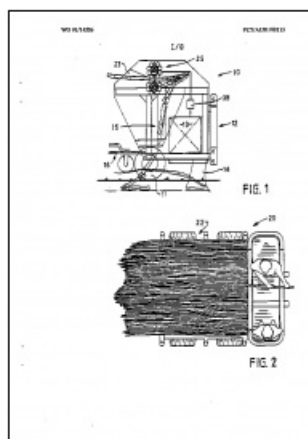
UNIV QUEENSLAND

Assignee(s):(std):

QUEENSLAND UNIV OF TECHN ;
SUGAR EXPERIMENT STATIONS
BOARD ; UNIV QUEENSLAND

Assignee(s):

SUGAR EXPERIMENT STATIONS
BOARD ; THE SUGAR
EXPERIMENT STATIONS BOARD
; QUEENSLAND UNIV OF
TECHNOLOGY ; QUEENSLAND
UNIVERSITY OF TECHNOLOGY



2 more images available

Title:

Machine particularly for the automatic planting of market garden and horticultural plants
 MACHINE NOTAMMENT POUR LA PLANTATION AUTOMATIQUE DES PLANTS MARAICHERS ET HORTICOLES

Abstract:

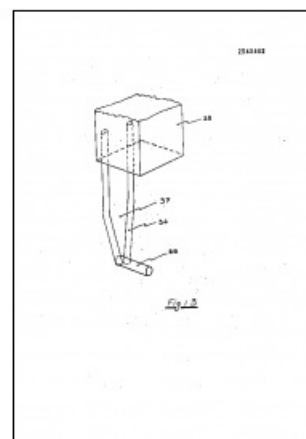
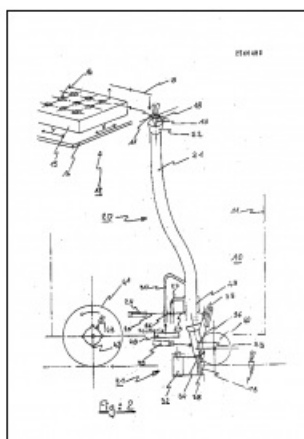
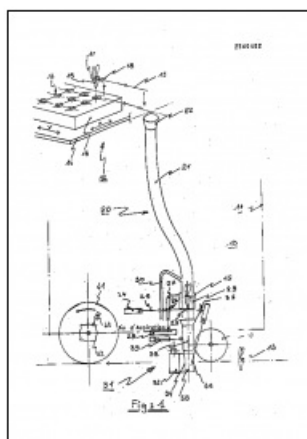
Source: FR2560482A The invention relates to an automatic machine allowing the pricking out of market garden and horticultural plants packaged in trays. According to a characteristic arrangement, this machine comprises, on the one hand, a device 12 for the automatic transfer of plants between trays and a conveyor device 20, the conveyor device 20 taking the plants by pneumatic means to a planting device 31 comprising a static ploughshare, a tubular foot planting assembly 33-34 driven in a pendular motion in cooperation with a closure hatch 36 taking the plants in a vertical position until ...

Probable Assignee:

REGERO SA

Assignee(s):(std):

REGERO SA



Title:

METHOD FOR CULTIVATING SUGAR CANE

Abstract:

Source: US2013074404A The present invention relates to a method for cultivating sugar cane comprising planting sugar cane shoots in a growth medium, growing seedlings from the shoots at a temperature of at least 15 degrees centigrade and 10-120 days after having planted the shoots planting the seedlings obtained therefrom into the field if the growth medium is not a field, or, in case the growth medium is a field, exposing the seedlings obtained from the shoots to ambient conditions, where the seedling, while growing, is treated with at least one strobilurin fungicide and/or at least one ...

Probable Assignee:

BASF SE

Assignee(s):(std):

AZENHA ANTONIO CESAR ; BASF SE ; DEGASPARI NILTON ; QUEIROZ PAULO CESAR ; WERNER FRANK ; TEIXEIRA CASSIO DA SILVA CARDOSO ; TAVARES RODRIGUES MARCO ANTONIO

Title:

Mechanical seedling transplanter

Abstract:

Source: US5823126A A mechanical transplanter device for transplanting seedlings along a path includes a frame, a furrow opening shoe mounted on the frame and engaging the ground for opening a furrow in the ground, and seedling delivery means including a reciprocating stabilizing arm mounted on the frame. The transplanter of the present invention delivers seedlings to the furrow at specific predetermined distance intervals input by the operator into the electronic control system, which utilizes a variable speed electric drive motor that isolates the speed or frequency of the transplanter from ...

Probable Assignee:

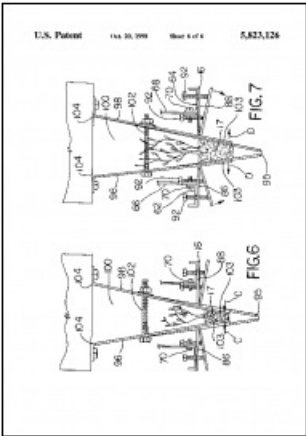
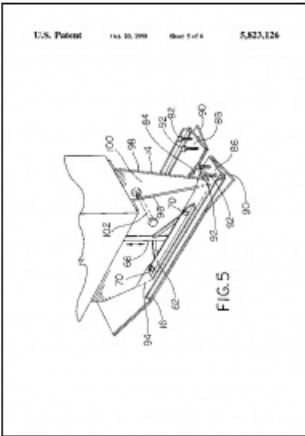
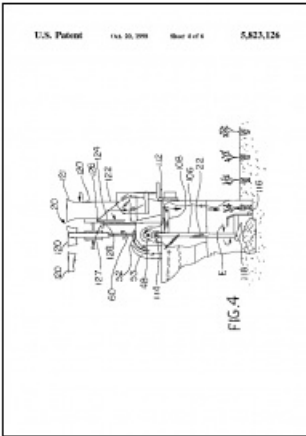
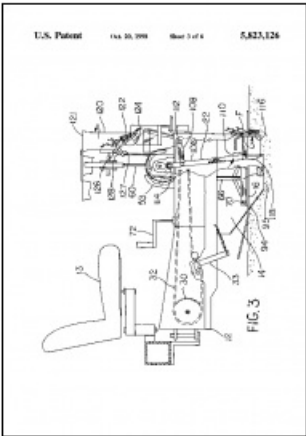
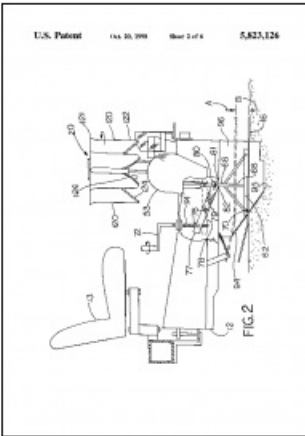
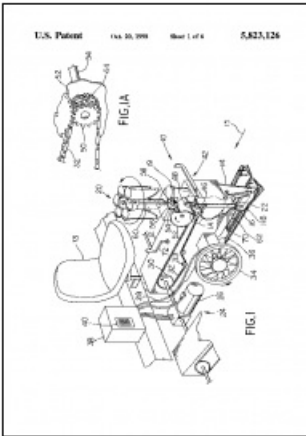
MECHANICAL TRANSPLANTER CO

Assignee(s):(std):

MECHANICAL TRANSPLANTER COMPAN

Assignee(s):

MECHANICAL TRANSPLANTER COMPANY ; MECHANICAL TRANSPLANTER CO



Title:
METHOD AND APPARATUS FOR
TRANSPLANTING

Abstract:

Source: US6634306B A transplanter is provided a single centralized pneumatic feeder which will feed anywhere from 2 to 10 or more rows of seedlings at one time. The centralized pneumatic feeder concept allows the transplanter to operate with low velocity movement and still plant large numbers of seedlings. The seedlings are initially in plant trays designed so that the seedlings can be extracted from the bottom of the trays. To simplify seedling transfer, the pneumatic feeder includes an impulse-type extraction system and a pneumatic seedling transfer system is employed. This new system is ...

Probable Assignee:
FAULRING FRANK W

Assignee(s):(std):
FAULRING FRANK W

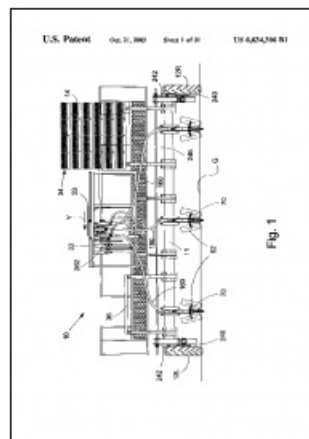


Fig. 1

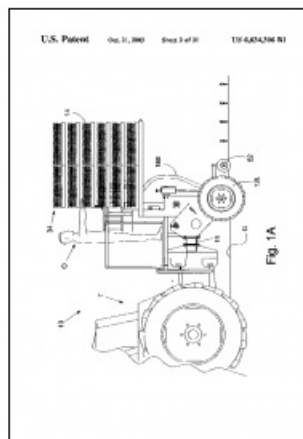


Fig. 1A

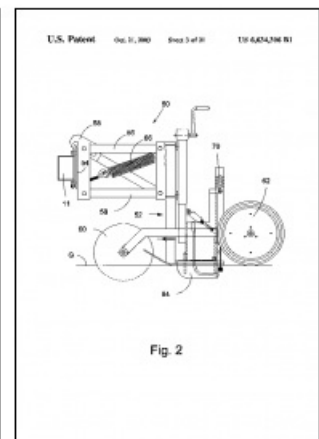


Fig. 2

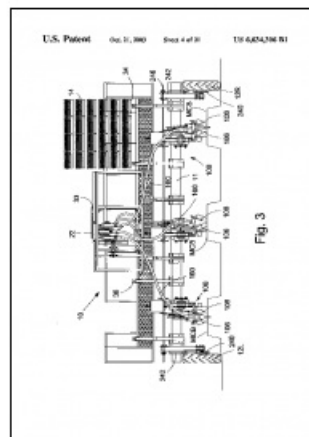


Fig. 3

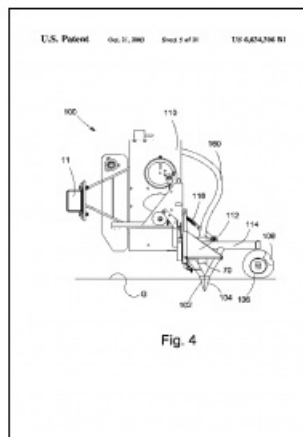


Fig. 4

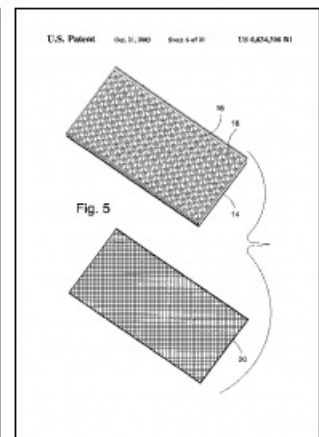


Fig. 5

15 more images available

Title:
TRANSPLANTER

Abstract:

Source: US2009031935A
Transplanter which can avoid skips when planting, which skips may occur when seeds in a tray row fail to grow into seedlings. This is accomplished by picking up an entire row of seedlings from a tray, transferring the seedlings to a mechanism which eliminates gaps between seedlings, and then discharging the seedlings one at a time to the ground with a desired spacing between the seedlings. A novel tray indexing mechanism is provided which can index trays of varying sizes. The planting mechanism has an air knife mounted adjacent transfer disks for straightening out the ...

Probable Assignee:
MORNING STAR CO

Assignee(s):(std):
FAULRING MECHANICAL DEVICES INC ; FAULRING MECHANICAL DEVICES INC ; FORCE ROBERT D ; LOMANTO PETER M ; GILL II ROBERT CHOPE ; GOBEL JONATHAN C ; HOFFMAN CHARLES H ; LOOKABILL CHAD S ; FAULRING FRANK W ; FAULRING JASON W ; MORNING STAR COMPANY ; VISCONTI PIER PAOLO ; VISCONTI PIER ; MORNING STAR CO

Assignee(s):
THE MORNING STAR COMPANY ; SOBE STROLLER LLC ; VISCONTI PIER PAOLO1665 BAY ROAD #515MIAMI BEACHFL33139US ; MORNING STAR CO WOODLAND ; FAULRING JASON WILLIAM ; FAULRING FRANK WILLIAM ; LOMANTO PETER MICHAEL ; FORCE ROBERT DANIEL ; GILL ROBERT CHOPE II ; GOBEL JONATHAN CLARK ; FAULRING MECHANICAL DEVICES INC NORTH COLLINS

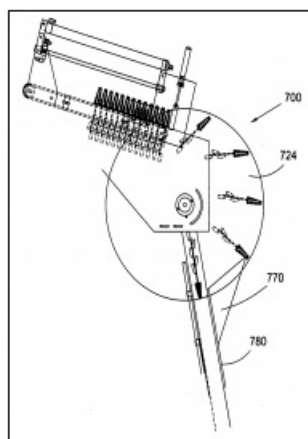


Fig. 1A

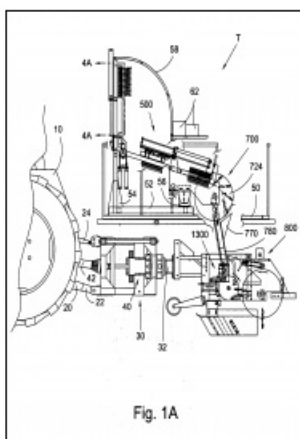


Fig. 1B

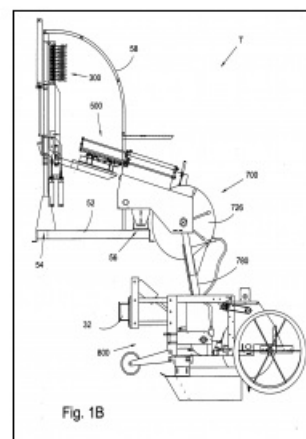


Fig. 2A

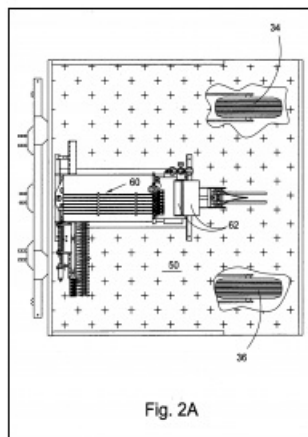


Fig. 2B

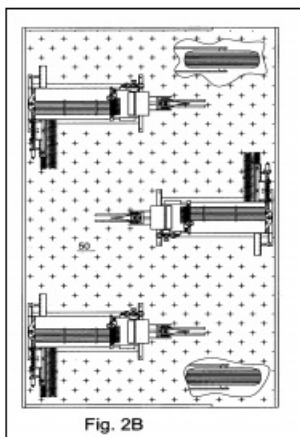
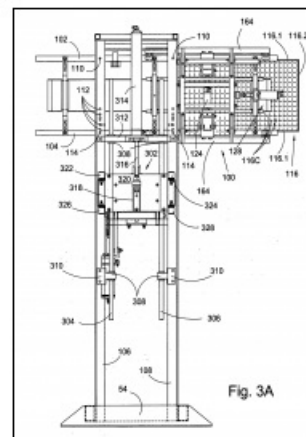


Fig. 3A



35 more images available

Title:

Method and device for the planting of plants.
Methode und Geraet zum Pflanzen von Pflanzen. Methode et appareil pour planter des plantes.

Abstract:

Source: EP0283701A1 Method for the planting of plants, wherein a furrow is formed by means of a plowshare (1) and plants are dropped into the furrow. In the method, the plant is supported at the landing stage by means of a rearwardly directed liquid or gas jet (10) so as to prevent tilting of the plant forwards.

Probable Assignee:

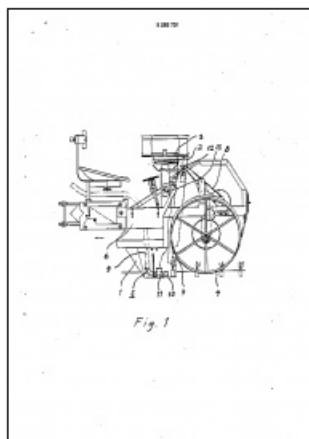
LAENNEN TEHTAAT OY

Assignee(s):(std):

LAENNEN TEHTAAT OY

Assignee(s):

LANNEN TEHTAAT OY ; LES NEN
TETAATO OY ; LYIANNEN
TEKNTAAT OYI FA ; LYIANNEN
TEKNTAAT OYI FIRMA



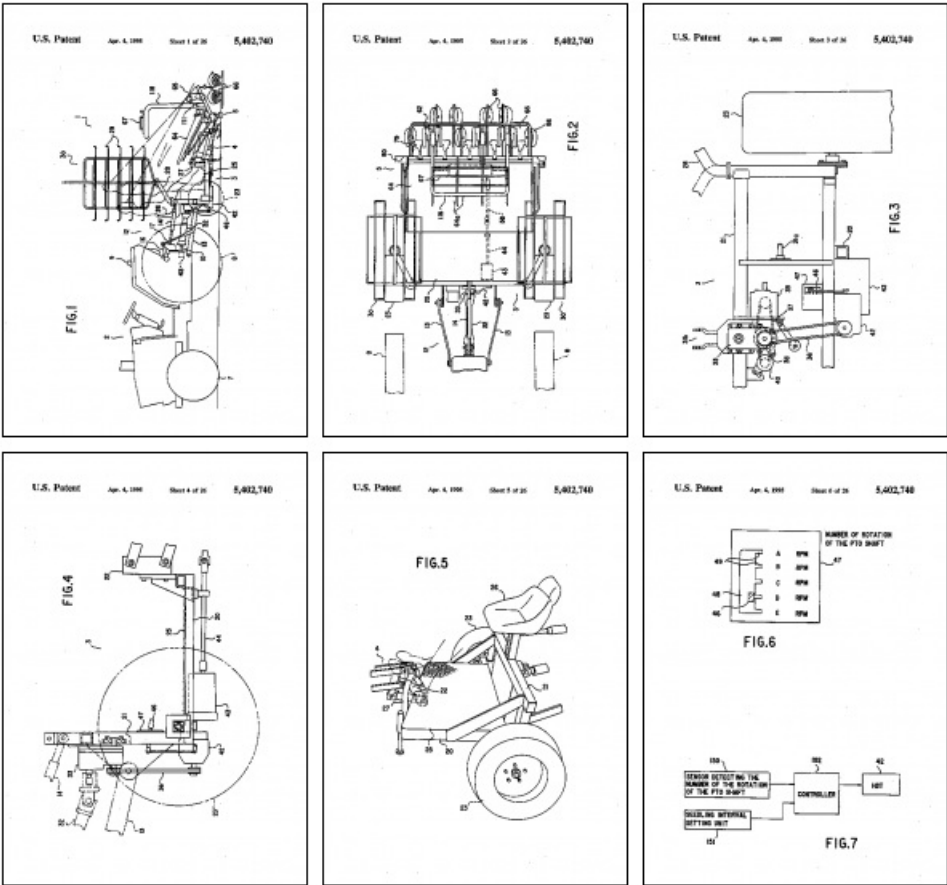
Title:
VEHICULAR MACHINE FOR
TRANSPLANTING VEGETAL
SEEDLINGS

Abstract:
Source: US5402740A PCT No.
PCT/JP91/00847 Sec. 371 Date
Mar. 26, 1992 Sec. 102(e) Date
Mar. 26, 1992 PCT Filed Jun.
24, 1991 PCT Pub. No.
WO92/00001 PCT Pub. Date
Jan. 9, 1992.A vehicular
machine available for
transplanting vegetal seedlings
onto seedbed lines comprising;
a planting unit which is
furnished with a plurality of
vegetal seedling mounting
tables and planting levers for
transplanting vegetal seedlings
onto seedbed lines supplied
from these mounting tables
disposed on the back side of a
working truck hauled by a
tractive vehicle; and a working
step which facilitates an
operator ...

Probable Assignee:
ISEKI AGRICULT MACH

Assignee(s):(std):
ISEKI AGRICULT MACH

Assignee(s):
ISEKI AND CO ; ISEKI AND CO
LTD ; ISEKI AND CO LTD
MATSUYAMA EHIME JP ; ISEKI
NOKI KK



20 more images available

Title:

Agricultural transplanter

Abstract:

Source: GB2189971A An agricultural transplanter comprises a sub-frame 2 mounting a carousel 9 comprising a hollow shaft 15 serving as a module discharge chute terminating in outlet orifice 16 and a rotor 18 divided by webs 21 into compartments 20. Plate 22 welded to rotor 18 has lugs 23. Driving wheel 11 is ground-engaging and concentrically mounted therewith and fixed thereto are studs 33 which engage a flange 39 terminating arm 64, which forms part of a transmission system. Upon contact between a stud 33 and flange 39, arm 64 is displaced to tension spring 57 so that it stores drive and ...

Probable Assignee:

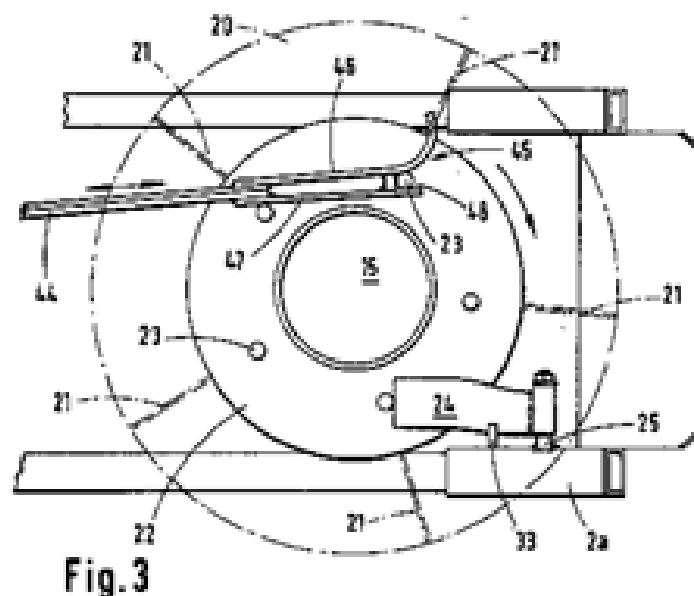
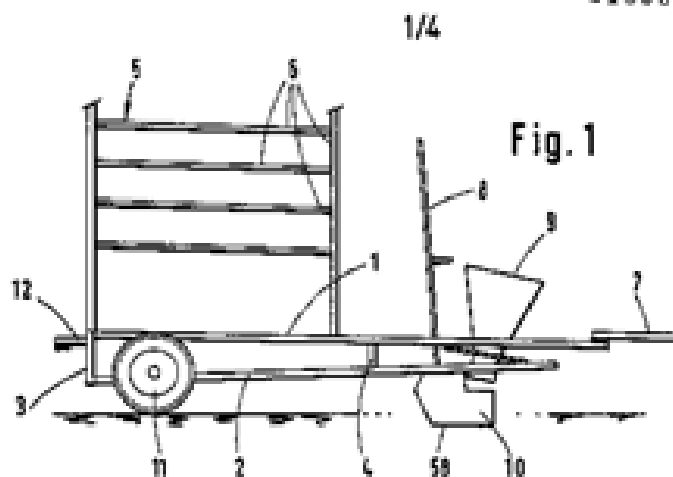
TRANSMISSION SYSTEMS LTD

Assignee(s):(std):

TRANSMISSION SYSTEMS LTD

PatBase - GB2189971_A1

2189971



Title:
SUGAR CANE BILLET PLANTER

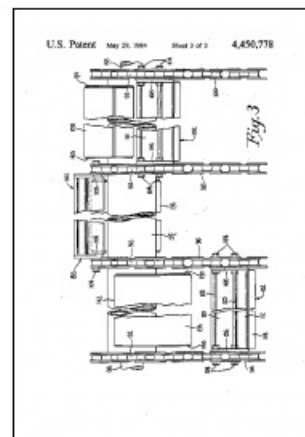
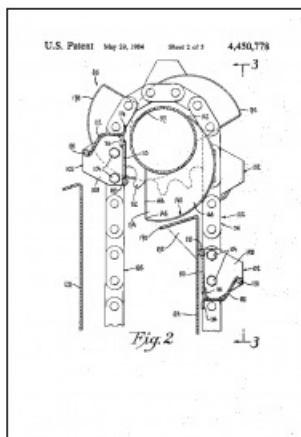
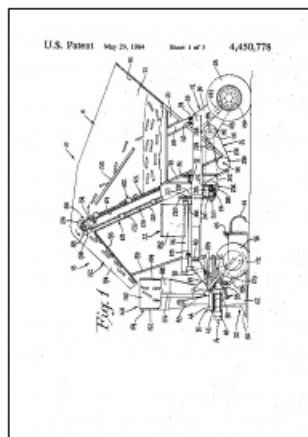
Abstract:

Source: US4450778A PCT No. PCT/AU80/00037 Sec. 371 Date Mar. 22, 1982 Sec. 102(e) Date Mar. 22, 1982 PCT Filed Jul. 25, 1980 PCT Pub. No. WO82/00399 PCT Pub. Date Feb. 18, 1982. The objective of the invention is to provide a novel doffer in combination with a chain and slat conveyor which will remove excess billets from the slats with minimal damage to the eyes on the cane billets. The cane billet planter 10 includes a billet hopper 16, and a billet metering mechanism 18. The planter 10 may also have a furrow opening assembly 20 and a fertilizer distributor 22, if desired. The billet ...

Probable Assignee:
MASSEY FERGUSON SERVICES
NV

Assignee(s):(std):
MASSEY FERGUSON SERVICES
NV

Assignee(s):
MASSEY FERGUSON SERVICES
NV ABRAHAM DE VEERSTRAAT
; MASSEY FERGUSON
SERVICES ABRAHAM DE
VEERSTRAAT 7A ; MASSEY
FERGUSON SERVICES
ABRAHAM DE VEERSTRAAT 7A
CURACAO NETHERLANDS
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FERGUSON SERVICES N V



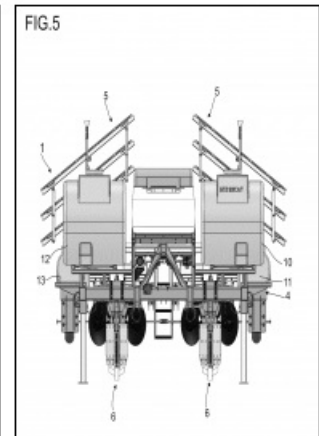
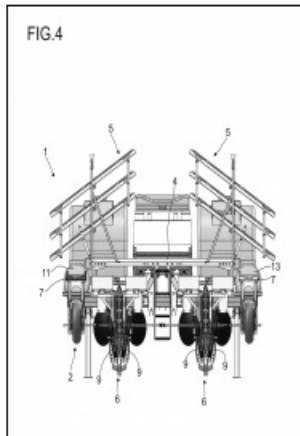
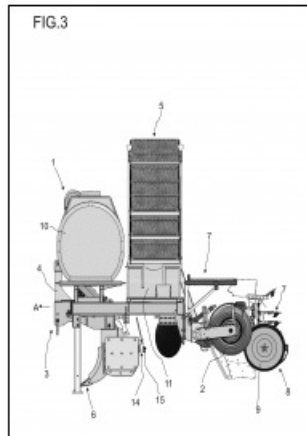
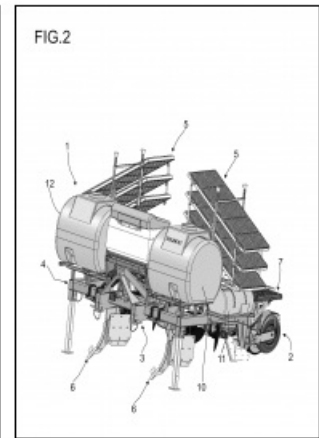
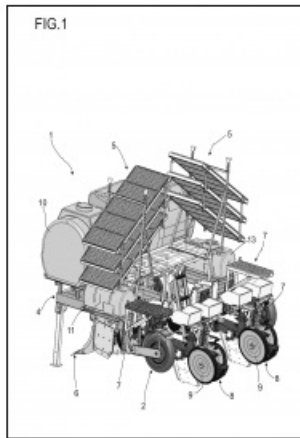
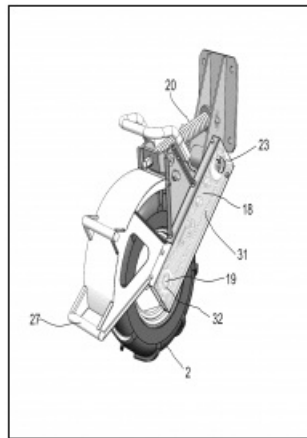
Title:
APPARATUS FOR PLANTING
AND TREATING SEEDLINGS OF
AN AGRICULTURAL PLANT

Abstract:

Source: US2016165793A The present invention relates to an apparatus for planting and treating seedlings of an agricultural plant. In particular, the apparatus is adapted for planting and treating sugar cane seedlings. The apparatus comprises means for moving the apparatus over a field with soil in which the seedlings are to be planted. Further, it comprises a tray for holding a plurality of seedlings and a furrow opener for automatically creating a furrow in the field when the apparatus is moved over the field. Moreover, the apparatus comprises a spraying device for applying a fertilizer, an ...

Probable Assignee:
BASF SE

Assignee(s):(std):
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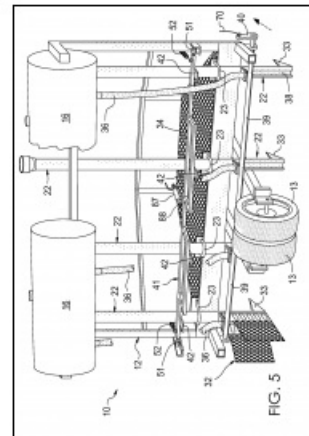
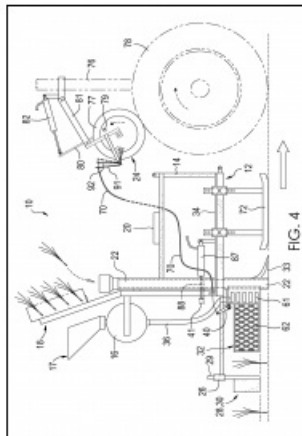
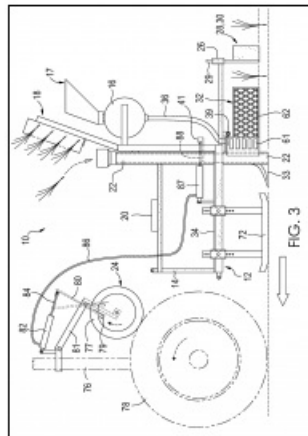
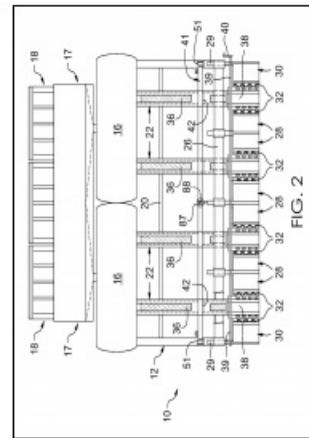
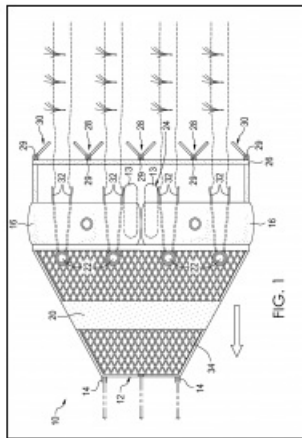
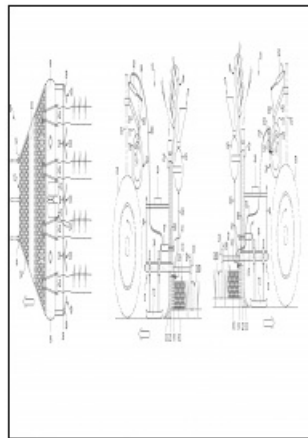
Title:
MECHANIZED PLANTER

Abstract:
Source: US7444948B A planter for the mechanized planting of sea oats in beach or other difficult planting areas. The planter includes a calibrator that automates the release of sea oat plants through various release tubes as the planter moves over a chosen planting area. The calibrator controls the release of each plant at re-selected distances. Growth agent is introduced through ancillary mechanisms either through the release tubes or just behind each tube. A plow in front of each release tube creates a furrow into which each plant is deposited, and a series of grates are strategically ...

Probable Assignee:
SHORELINE RESTORATION SERVICES LLC

Assignee(s):(std):
SHORELINE RESTORATION SERVICES

Assignee(s):
SHORELINE RESTORATION SERVICES LLC



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