

Search history

Search IC=(G01W) (Results 17553)

1:

Search 1 and chamber (Results 636)

2:

Search 2 and sprinkler* (Results 8)

3:

Search FT=(chamber and sprinkle* and (fan or blade or ventilator or turbine)) (Results 4381)

4:

Search 4 and (smokestack or chimney or vent or smokeshaft) (Results 791)

5:

Search 5 and (drain* or outlet or outflow) (Results 613)

6:

Search 6 and PD<20160909 (Results 576)

7:

Search 6 and (atmospheric* or weather) (Results 231)

8:

Search 7 and (atmospheric* or weathero or environment) (Results 325)

9:

Search (9) AND IPC=(B01 OR B05 OR F24 OR F16) (Results 162)

10:

Search FT=(9) and IC=(G) (Results 52)

11:

Search PN=(US20140150574) (Results 1)

12:

Search [SP]: environmental chamber an environmental chamber includes a testing tub in which a testing space is formed. the testing tub has a front wall, a left sidewall, a right sidewall, a rear wall, and a ceiling part, and is divided into a lower tub part and an upper tub part by a dividing surface extended in a direction inclined downwardly and frontwardly. the left and right sidewalls are respectively divided into two portions by the dividing surface. an inner surface of the upper tub part includes at least a part of an inner surface of each of the ceiling part, the front wall, the left sidewall, and the right sidewall. the upper tub part is supported by the lower tub part to be able to open the testing space. (Results 16)

Search PN=(US3870873) (Results 1)

14:

Search [SP]: environmental chamber an environmental chamber wherein conditions of temperature, humidity, and daylight are simulated to most nearly approximate conditions found in nature. the chamber uses an xenon lamp as a light source to closely simulate natural sunlight. within the chamber, light from the xenon lamp is changeably filtered so as to produce light conditions that nearly approximate the varying sun conditions which exist throughout a typical normal day at a particular location. temperature and humidity are controlled by air conditioning and heating systems that are programmed to produce atmospheric conditions within the chamber in simulation of actual environmental conditions. (Results 76)

Search 15 and sprinkle* (Results 4)

16:

Title: WATER, LIGHT AND AIRFLOW CONTROL SYSTEM AND CONFIGURATION FOR A PLANT AIR PURIFIER

Abstract: A plant air purifier and associated method for purifying air, comprising: at least one grow container; a filter bed comprising a surface which is horizontal within 20 degrees of a horizontal plane; at least one plant which grows within the filter bed; a reservoir for containing water for watering the at least one plant; a mechanical watering device which waters the filter bed from the top down; a pump for pumping water from the reservoir to and through the mechanical watering device; and an air propulsion mechanism for propelling air through the filter bed.

Classifications:

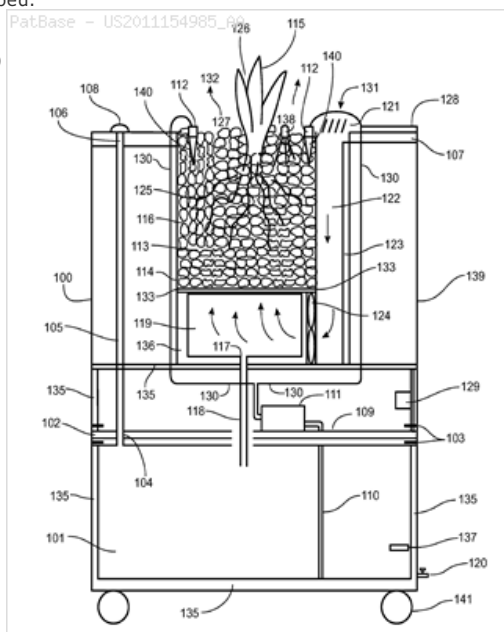
International (IPC 8-9): A01G1/00 A01G13/02 A01G17/06
A01G17/14 A01G25/00 A01G27/00 A01G31/00 A01G9/02 A01G9/029
A01G9/16 A01G9/18 A01M7/00 A61L2/10 B01D46/00 B01D47/00
B01D53/14 B01D53/34 B01D53/84 B08B3/02 F21S4/00 F21V9/00
F24F13/00 F24F3/16 G06Q40/08 G06Q50/22 H04B17/00 H04W88/08
H05B37/02 (Advanced/Invention);
B01D53/84 (Advanced/Non-invention);

A01G27/00 A01G9/02 B01D53/84 F24F3/16 (Core/Invention)

CPC: G06Q40/08 G06Q50/22 B01D53/84 A01G27/00 B01D2257/708
F24F3/16 F24F2003/1653 H04B17/0055 H04B17/345 B01D2259/4508
Y02A50/2358 G06F19/00

European: A01G27/00 B01D53/84 F24F3/16 L01D257/708
L01D259/45B L01D53/84 R24F3/16B25

US: 134/199 250/492.1 250/492.100S 315/152 315/152S 362/231
362/249.02 362/249.020S 455/226.3 455/514 47/1.7 47/17 47/20.1
47/20.100S 47/44 47/45 47/45S 47/46 47/46S 47/58.1LS 47/59R
47/59S 47/65 47/66.6 47/66.600P 47/66.7 47/66.700P 47/66.700S
47/77 47/79 47/79S 705/2 95/1 95/149 95/1P 95/210 95/23 95/24
95/26 95/90 96/109 96/109S 96/115 96/115S 96/224 96/290 96/417
96/422 96/424



Family:

Publication number	Publication date	Application number	Application date
CA2736254 AA	20110304	CA20092736254	20090911
CA2736271 AA	20110304	CA20092736271	20090918
CA2828602 AA	20130828	CA20112828602	20110310
CN102215939 A	20111012	CN200980146054	20090911
CN102215940 A	20111012	CN200980146055	20090918
EP2845335 A1	20150311	EP20130726908	20130430
IN02028CN2011 A	20120203	IN2011CN02028	20110323
IN02029CN2011 A	20120203	IN2011CN02029	20110323
US2011154985 AA	20110630	US20090060668	20090918
US2011162273 AA	20110707	US20090062580	20090911
US2012090232 AA	20120419	US20110334260	20111222
US2012311926 AA	20121213	US20110580159	20110310
US2013295980 AA	20131107	US20130873927	20130430
US2013297335 AA	20131107	US20130858851	20130408
US8083835 BB	20111227	US20090062580	20090911
US8454729 BB	20130604	US20110334260	20111222
US8894741 BB	20141125	US20090060668	20090918
US9010019 BB	20150421	US20110580159	20110310
WO10033423 A1	20100325	WO2009US56581	20090911
WO10033752 A1	20100325	WO2009US57392	20090918
WO10033752 A4	20100527	WO2009US57392	20090918
WO11115806 A2	20110922	WO2011US27860	20110310
WO11115806 A3	20120119	WO2011US27860	20110310
WO11115806 A4	20120308	WO2011US27860	20110310
WO13166002 A1	20131107	WO2013US38843	20130430

Priority:

US20080098314P 20080919	US20090062580 20090911	WO2009US56581 20090911
US20090060668 20090918	WO2009US57392 20090918	US20100314215P 20100316
US20110060668 20110224	US20110062580 20110307	US20110580159 20110310
WO2011US27860 20110310	US20110334260 20111222	US20120624831P 20120416
US20120642835P 20120504	US20120580159 20120821	US20130858851 20130408
US20130873927 20130430	WO2013US38843 20130430	

Probable Assignee: MITTELMARK MARC A MR

Assignee(s): (std): MARTIN MITTELMARK ; CORNING MOBILEACCESS LTD ; CORNING OPTICAL COMM WIRELESS LTD ; WOLVERTON BILLY C ; REUVEN RAMI ; SABAN OFER ; SHAPIRA ISAAC ; MITTELMARK MARTIN

Assignee(s): MITTELMARK MARC A MR ; MITTELMARK ZACKARY ; MITTELMARK ZACKARY MR ; CORNING OPTICAL COMMUNICATIONS WIRELESS LTD ; BSHARA PRISCILLA ; BSHARA PRISCILLA MS ; MITTELMARK MARC A ; MITTELMARK MARC ANTHONY ; MITTELMARK MICHAEL ; MITTELMARK MATTHEW ; MITTELMARK MATTHEW MR ; MITTELMARK MICHAEL MR ; MITTELMARK ZACHARY

Inventor(s): (std): MARTIN MITTELMARK ; WOLVERTON BILLY C ; SHAPIRA ISAAC ; SABAN OFER ; REUVEN RAMI ; MITTELMARK MARTIN

Agent(s): BERESKIN AND PARR LLP SENCRL SRL; RICHES MCKENZIE AND HERBERT LLP; STURM CHRISTOPH; JAY R; YABLON JAY R; MONTGOMERY C KEITH

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR
CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID
IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR
MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK
SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: AQUAPONIC VERTICAL GARDEN WITH INTEGRATED AIR CHANNEL FOR PLANT-BASED AIR FILTRATION

Abstract: Embodiments are described for a closed-loop, vertical garden system for growing plants and filtering air and water comprising: a support structure; a composite, grow media configured to physically support the growth of plants and distribute water to the roots of the plants through capillary action through the area of the grow media; a water source coupled to the grow media through a pump and plumbing system, wherein the plumbing system is configured to draw water from the water source through the grow media and back to the water source in substantially closed loop aquatic system; and an air flow subsystem configured to draw outside air through the plants and transmit filtered air back out of the support structure.

Classifications:

International (IPC 8-9): A01G31/00 A01G31/02

A01G9/02 (Advanced/Invention)

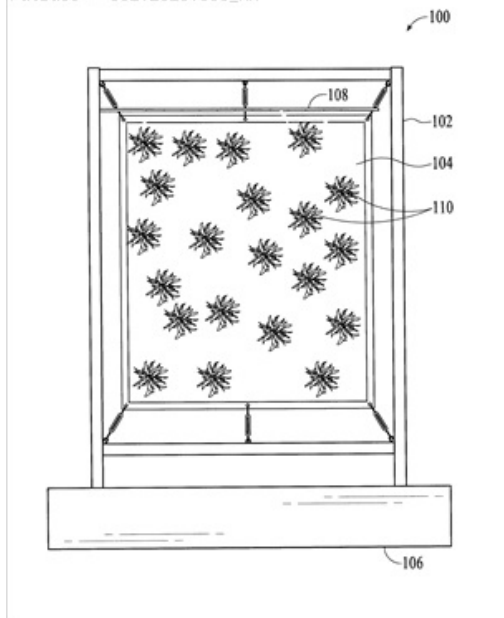
CPC: A01G9/022 Y02B10/30 A01G31/02 A01G9/025 Y02P60/244 Y02P60/216 A01K63/04

European: A01G31/02 A01G9/02C3 Y02B10/30 Y02B10/50

US: 47/59.00R 47/59R 47/59S 47/62.00A 47/62.00N 47/62.00R

47/62A 47/62N 47/62R 47/66.6

PatBase - US2013160363_AA

**Family:**

Publication number	Publication date	Application number	Application date
US2013160363 AA	20130627	US20130773201	20130221
US8181391 BA	20120522	US20090403939	20090313
US8516743 BA	20130827	US20100792701	20100602
US8578651 BA	20131112	US20100792696	20100602
US9032665 BB	20150519	US20130773201	20130221

Priority:

US20080069447P 20080314 US20090403939 20090313 US20100792696 20100602
 US20100792701 20100602 US20100792683 20100602 US20130773201 20130221

Probable Assignee: INKA BIOSPHERIC SYSTEMS

Assignee(s): (std): GIACOMANTONIO PAUL ; GIACOMANTONIO PAUL J ; INKA BIOSPHERIC SYSTEMS ; INKA BIOSPHERIC SYSTEMS ; TOMKAT RANCH EDUCATIONAL FOUNDATION

Inventor(s): (std): GIACOMANTONIO PAUL ; GIACOMANTONIO PAUL J ; WHITNEY CHRISTOPHER J

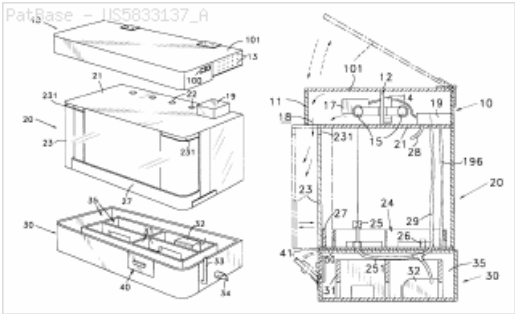
Agent(s): DERGOSITS AND NOAH LLP; GEOFFREY T; STANIFORD TOMITA LLP

Title: VIEW TANK

Abstract: A view tank including an upper partition plate and a lower partition plate dividing the tank body into an upper section, a middle section, and a lower section. The walls of the middle section are transparent and openable for planting purposes. The lower section is a water storage section, and water is pumped to a fog generating box for generating fog. Excessive water flows down from the upper portion of the middle section. The upper section has a light for illuminating the middle section, and a fan for blowing the hot air in the upper and middle sections to the outer rim of the transparent walls of the middle section so as to remove water moisture on the walls. The respective walls of the three sections may be fabricated into integral units which are then assembled as a whole.

Classifications:

International (IPC 8-9): A01G9/20 A01K63/00 (Advanced/Invention); A01G9/20 A01K63/00 (Core/Invention)
International (IPC 1-7): A01G15/00
CPC: A01K63/003 A01G9/16 Y02A40/254
European: A01G9/20 A01K63/00A
US: 239/124 239/14.1 239/141 239/302 239/70 239/71 239/76 47/62A



Family:

Publication number	Publication date	Application number	Application date
US5833137 A	19981110	US19970837111	19970414

Priority:

US19970837111 19970414

Probable Assignee:

LIAO CHIH HSUEH

Assignee(s): (std):

LIAO CHIH HSUEH

Inventor(s): (std):

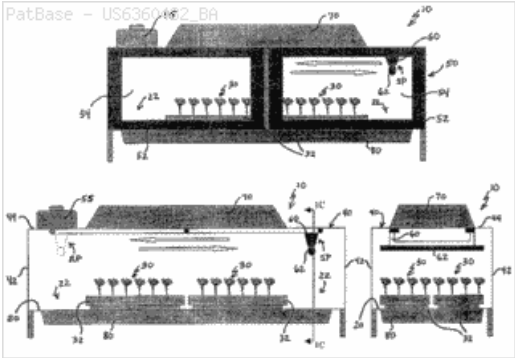
LIAO CHIH HSUEH

Title: SPRAY BOOTH FOR REPRODUCIBLE APPLICATION OF AGRICHEMICALS

Abstract: A spray booth is provided for reproducible application of agrichemicals to plants. The spray booth comprises a support member for supporting a plurality of plants, a cover having a plurality of sides and a top and forming an enclosure with the support member for enclosing the plants therein, an agrichemical source for providing a pressurized agrichemical, and a spray arm having a spray mechanism operably connected to the agrichemical source. Preferably, the spray arm is disposed within the enclosure and over the support member such that it extends across the width of the support member. The spray mechanism is used for spraying a predetermined amount of the agrichemical therefrom in the form of a fine mist along the length of the spray arm. Advantageously, at least one of the support member and the spray arm is laterally moveable relative to the other such that the plants disposed both lengthwise and widthwise on the support member are substantially uniformly misted with the agrichemical. In one embodiment of the present invention, the support member supporting the plants is stationary while the spray arm is adapted to move bidirectionally in a substantially horizontal plane thereabove. In an alternate embodiment, the spray arm is stationary and the support member supporting the plants is adapted to move bidirectionally in a substantially horizontal plane therebelow.

Classifications:

International (IPC 8-9): A01G9/24 (Advanced/Invention);
A01G9/24 (Core/Invention)
International (IPC 1-7): A01G31/00
CPC: Y02A40/27 A01G9/247
European: A01G9/24F
US: 47/620A 47/62A



Family:

Publication number	Publication date	Application number	Application date
US6360482 BA	20020326	US19990371105	19990810

Priority:

US19990371105 19990810

Probable Assignee:	ICORIA INC
Assignee(s): (std):	PARADIGM GENETICS INC
Assignee(s):	ICORIA INC
Inventor(s): (std):	BOYES DOUGLAS C