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100

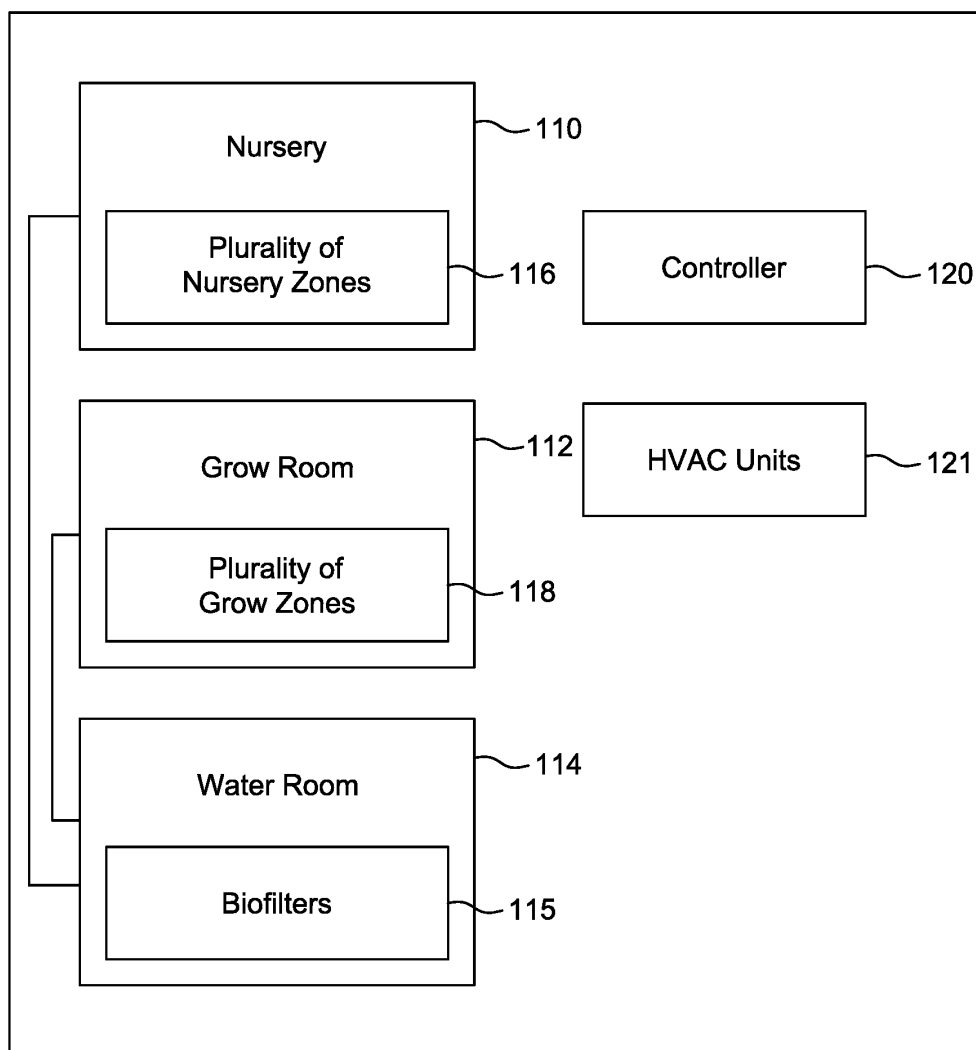


FIG. 1

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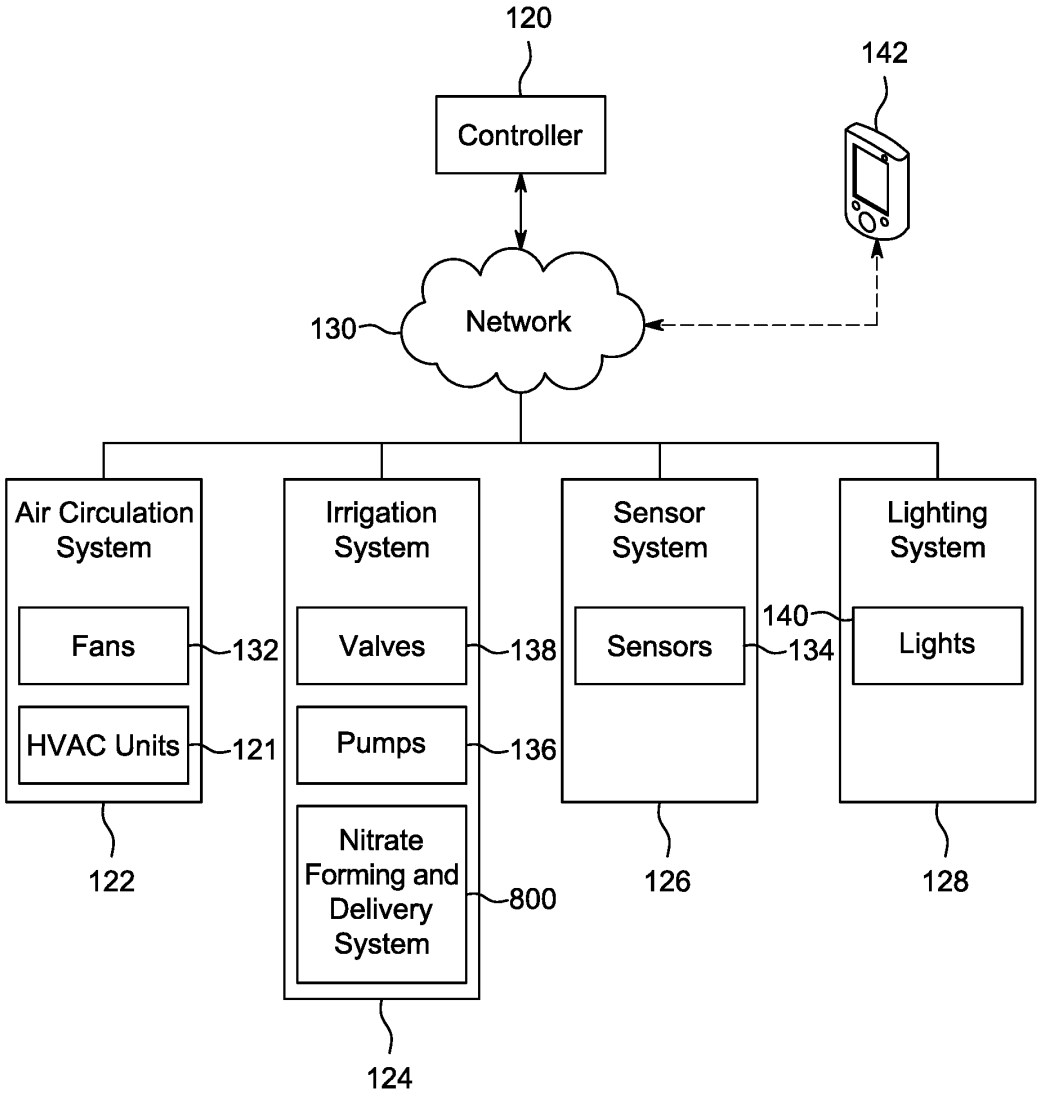


FIG. 2

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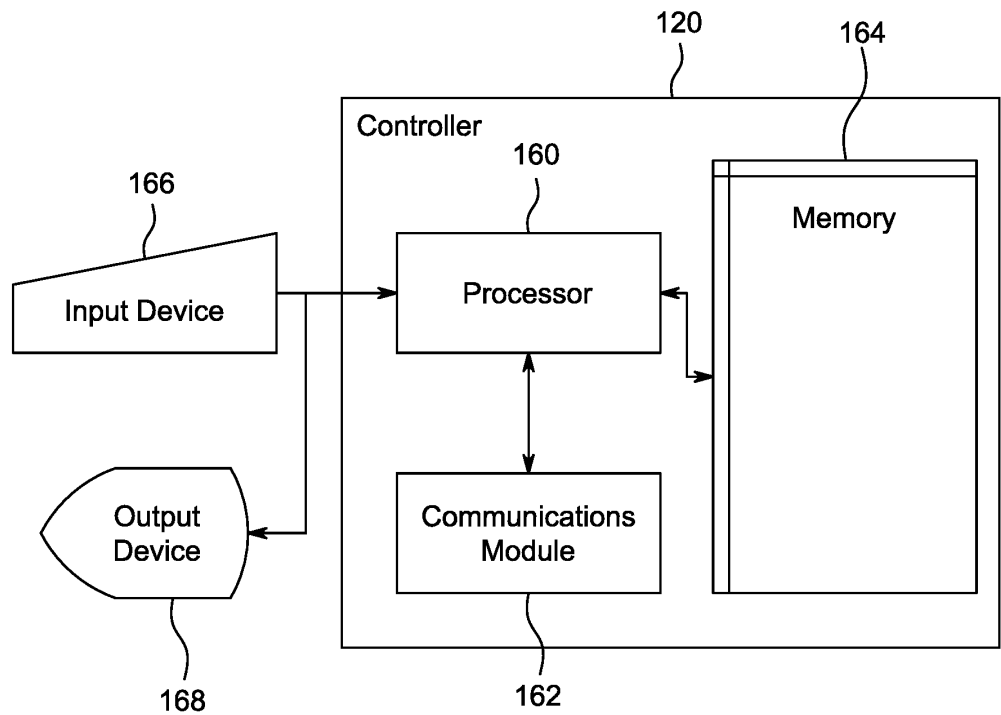


FIG. 3

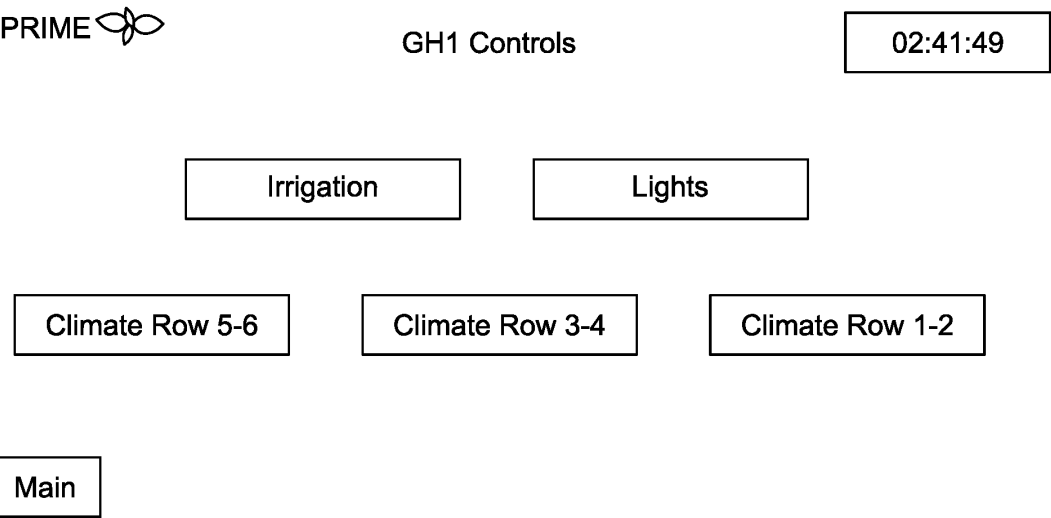


FIG. 4A

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GH 1 Climate Row 1-2

02:41:58

Current Status

Temperature : 74.90 °F

Humidity : 66.21 %

CO2 : 908.9 PPM

Cooling

Day

Temp : 85.0 °F

Night

76.0 °F

Enable/Disable Set Points : ☐

Humidity

Day

RH : 63.0 %

Night

61.0 %

Enable/Disable Set Points : ☐

Day Period

Time

☐

On :

0400

Off :

2130

Heating

Day

Temp : 82.0 °F

Night

73.0 °F

Enable/Disable Set Points : ☐

CO2 Period Settings

CO2

Day

☐

Night

☐

On :

800 PPM

Off :

1000 PPM

Enable/Disable Set Points : ☐

Manual On/off ☐

Night Period

Time

☐

On :

2200

Off :

0400

Back

HAF Fans Speed : 100 %

Temp and RH Graph

HVAC

Sensors

Settings

FIG. 4B

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02:42:13

HVAC Units 1 and 2

Current Status

Temperature : 74.82 °F

Humidity : 66.29 %

CO2 : 908.3 PPM

Unit 2 Status

Cooling SP : 76.0 °F

Heating SP : 73.0 °F

Humidity SP : 61.0 %

Cooling Stages : 0

Heating Stages : 2

Dehumidification : Off

Outside Temp : 50.9 °F

Supply Temp : 111.6 °F

Economizer : 20.0 % Open

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Zone Set Points

Cooling

Day

Night

Temp : 85.0 °F

76.0 °F

Heating

Day

Night

Temp : 82.0 °F

73.0 °F

Humidity

Day

Night

RH: 63.0 %

61.0 %

Day ☐

Night ☐

Unit 1 Status

Cooling SP : 76.0 °F

Heating SP : 73.0 °F

Humidity SP : 61.0 %

Cooling Stages : 0

Heating Stages : 2

Dehumidification : Off

Outside Temp : 44.5 °F

Supply Temp : 107.4 °F

Economizer : 20.0 % Open

Settings

FIG. 4C

SUBSTITUTE SHEET (RULE 26)

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PRIME

02:42:23

GH1 Valves

Row 6	Row 5	Row 4	Row 3	Row 2	Row 1
Valve 8 ☐	Valve 8 ☐	Valve 8 ☐	Valve 8 ☐	Valve 8 ☐	Valve 8 ☐
Valve 7 ☐	Valve 7 ☐	Valve 7 ☐	Valve 7 ☐	Valve 7 ☐	Valve 7 ☐
Valve 6 ☐	Valve 6 ☐	Valve 6 ☐	Valve 6 ☐	Valve 6 ☐	Valve 6 ☐
Valve 5 ☐	Valve 5 ☐	Valve 5 ☐	Valve 5 ☐	Valve 5 ☐	Valve 5 ☐
Valve 4 ☐	Valve 4 ☐	Valve 4 ☐	Valve 4 ☐	Valve 4 ☐	Valve 4 ☐
Valve 3 ☐	Valve 3 ☐	Valve 3 ☐	Valve 3 ☐	Valve 3 ☐	Valve 3 ☐
Valve 2 ☐	Valve 2 ☐	Valve 2 ☐	Valve 2 ☐	Valve 2 ☐	Valve 2 ☐
Valve 1 ☐	Valve 1 ☐	Valve 1 ☐	Valve 1 ☐	Valve 1 ☐	Valve 1 ☐
Enable All	Enable All	Enable All	Enable All	Enable All	Enable All

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Manual

FIG. 4D

PRIME

Manual On/Off

GH1 Irrigation

02:42:29

Row 1 Valve 1

Enable/Disable Set Points

Set Point 1							
Time of day :	Hour	06	Minute	45	Duration of Irrigation :	0	Secs
Set Point 2							
Time of day :	Hour	11	Minute	45	Duration of Irrigation :	0	Secs
Set Point 3							
Time of day :	Hour	15	Minute	45	Duration of Irrigation :	0	Secs
Set Point 4							
Time of day :	Hour	20	Minute	45	Duration of Irrigation :	200	Secs
Set Point 5							
Time of day :	Hour	01	Minute	45	Duration of Irrigation :	0	Secs
Set Point 6							
Time of day :	Hour	00	Minute	00	Duration of Irrigation :	0	Secs
Set Point 7							
Time of day :	Hour	00	Minute	00	Duration of Irrigation :	0	Secs
Set Point 8							
Time of day :	Hour	00	Minute	00	Duration of Irrigation :	0	Secs

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Next

FIG. 4E

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PRIME

Main

EC :1.27

PH :7.06

Temp :75.56

Water Heater

Bio Fill

Tank Levels

Bio Circulation

Bio Transfer

Fresh Fill

Nutrient Injection

Nursery

Back

FIG. 4F

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PRIME

Bio Transfer

Transfer Valve

Manual On/Off

Enable/Disable Set Points

Transfer Pump

Manual On/Off

Interval :

8 Hrs

0 Mins

Duration :

6 Mins

3 Secs

Lockouts

Back

Time Until Next Transfer :

226 Mins

Time Until Transfer is Over :

363 Secs

FIG. 4G

10/22

PRIME

Nutrient Injection

Nutrient Valve

Manual On/Off

Enable/Disable Set Points

Interval :

0 Hrs

15 Mins

Duration :

1 Mins

30 Secs

PH Setpoint HI

7.5

PH

EC Setpoint HI

0.6

EC

Time Until Next Transfer :

4 Mins

Time Until Transfer is Over :

90 Secs

Back

FIG. 4H

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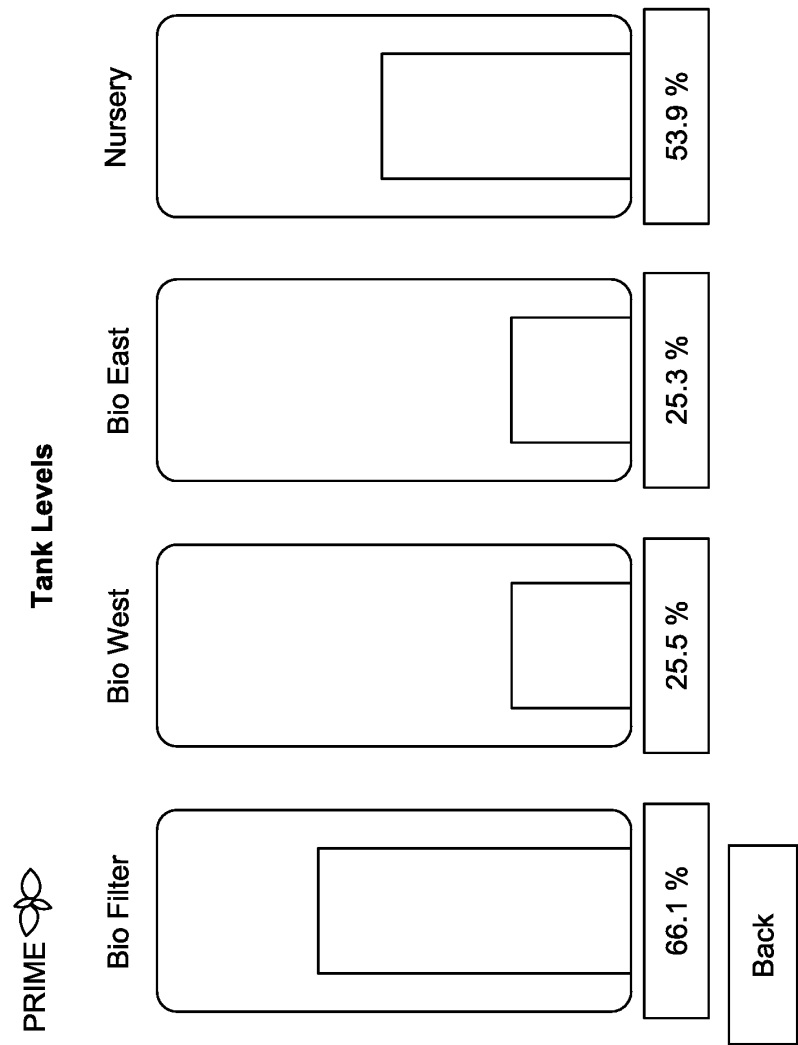


FIG. 4I

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PRIME

GH1 Lights

02:42:39

Row 6	Row 5	Row 4	Row 3	Row 2	Row 1
Zone 4 ☐	Zone 4 ☐	Zone 4 ☐	Zone 4 ☐	Zone 4 ☐	Zone 4 ☐
Zone 3 ☐	Zone 3 ☐	Zone 3 ☐	Zone 3 ☐	Zone 3 ☐	Zone 3 ☐
Zone 2 ☐	Zone 2 ☐	Zone 2 ☐	Zone 2 ☐	Zone 2 ☐	Zone 2 ☐
Zone 1 ☐	Zone 1 ☐	Zone 1 ☐	Zone 1 ☐	Zone 1 ☐	Zone 1 ☐
Enable All	Enable All	Enable All	Enable All	Enable All	Enable All

Back

FIG. 4J

PRIME

GH 1 Lights

02:42:44

Manual On/Off☐

Row 1 Zone 1

Enable/Disable☐

Set Point

Time of day :

On : 0400

Off : 2200

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FIG. 4K

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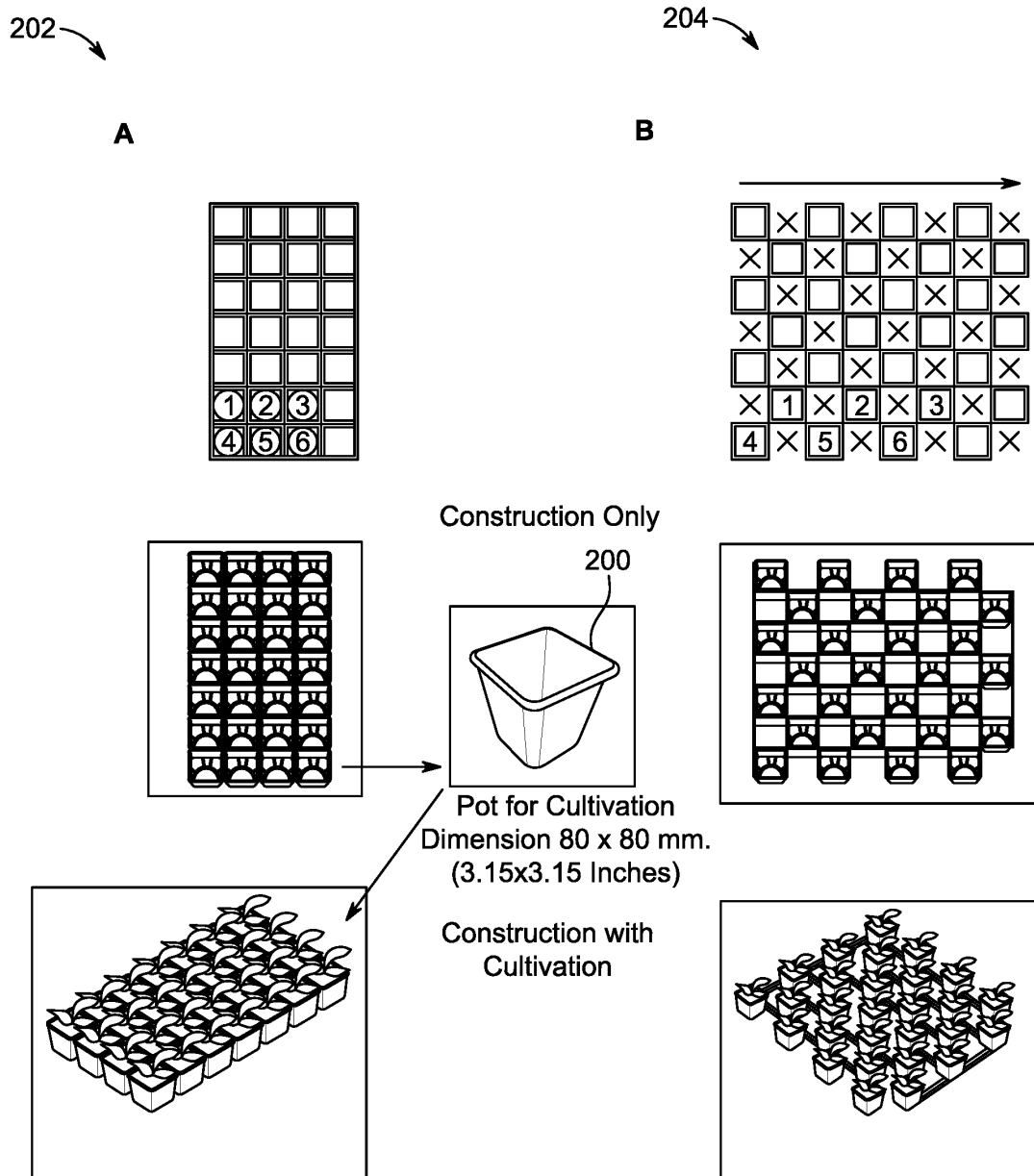


FIG. 5

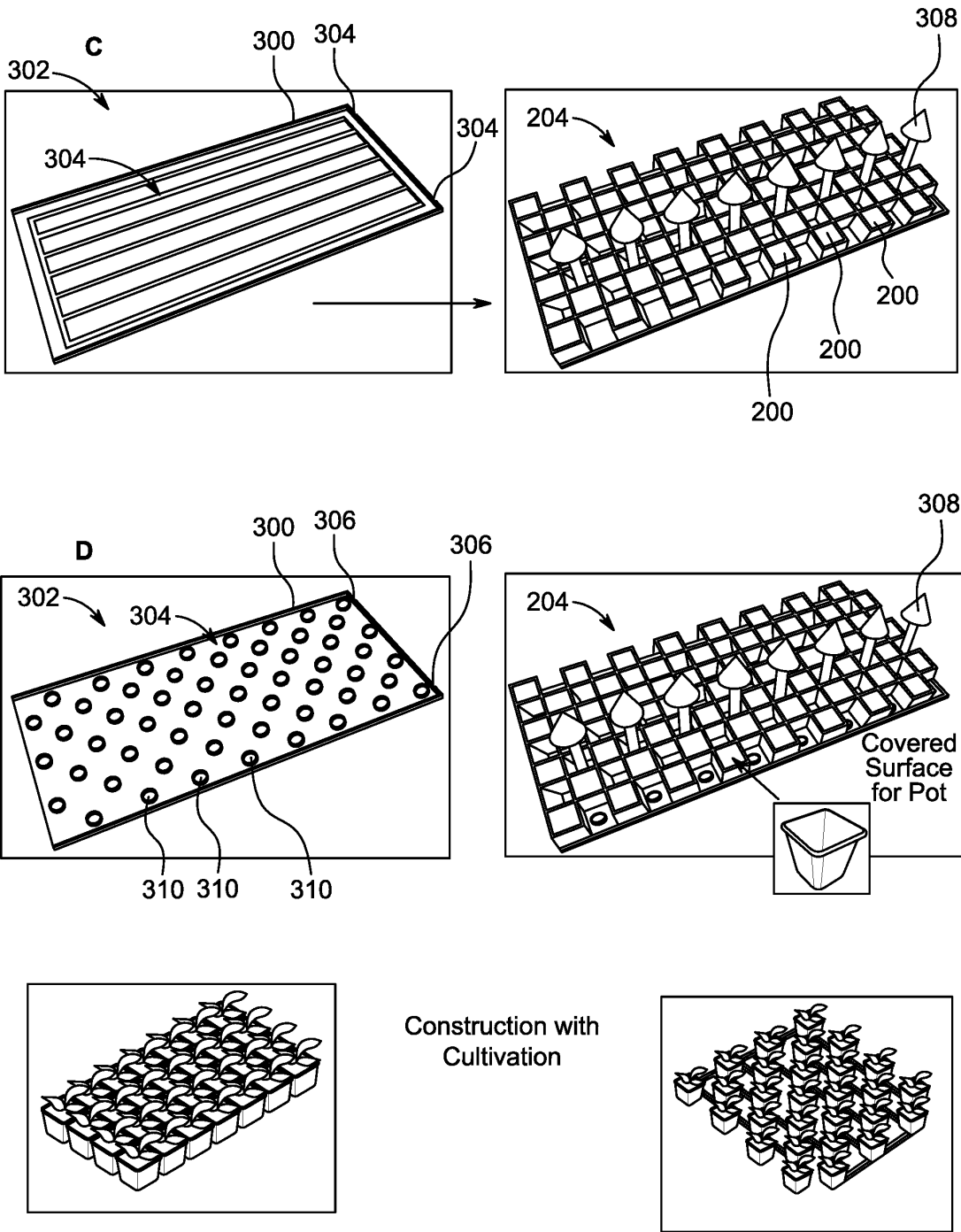


FIG. 6

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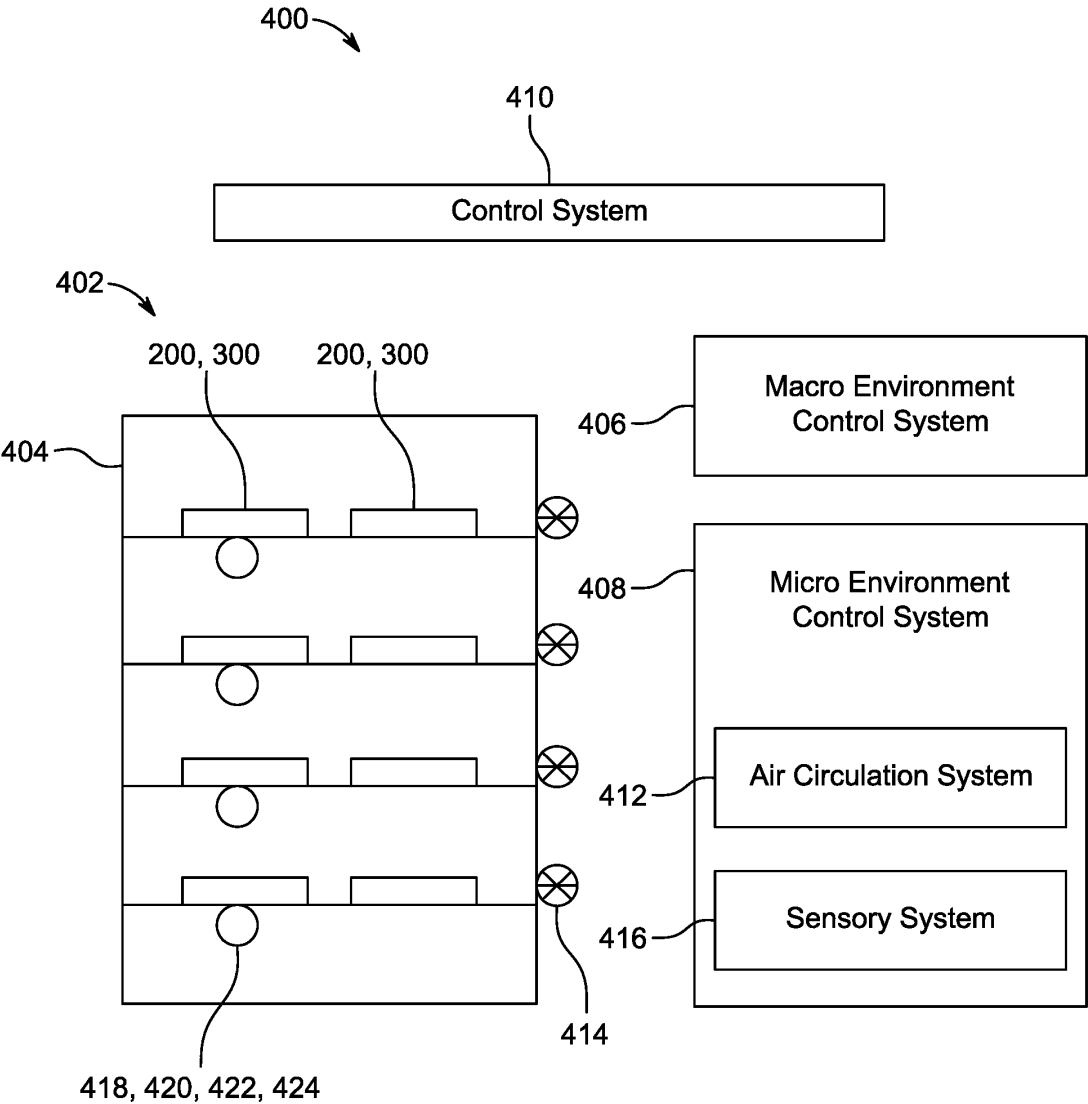


FIG. 7

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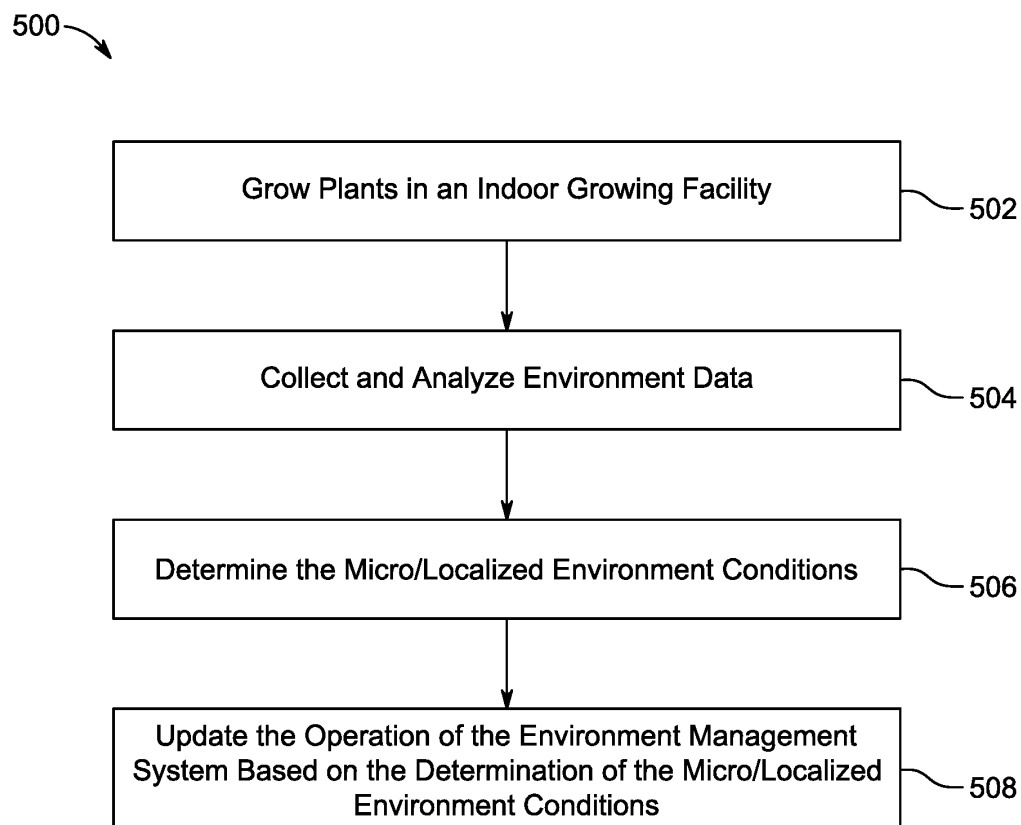


FIG. 8

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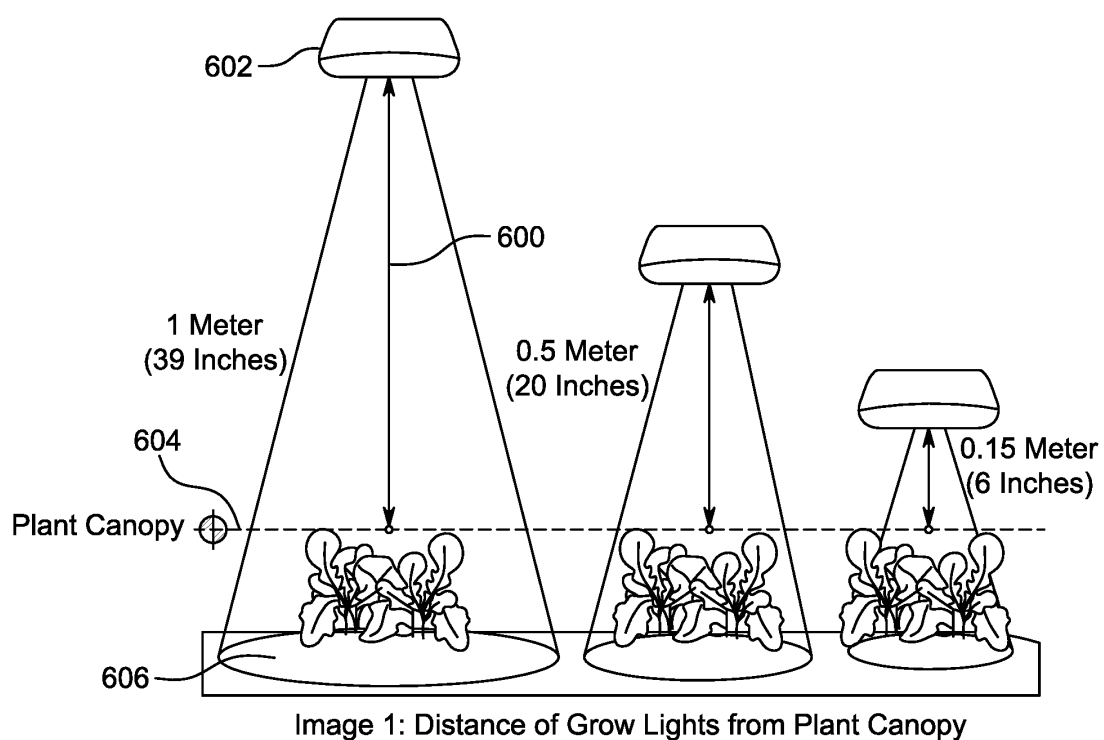


FIG. 9

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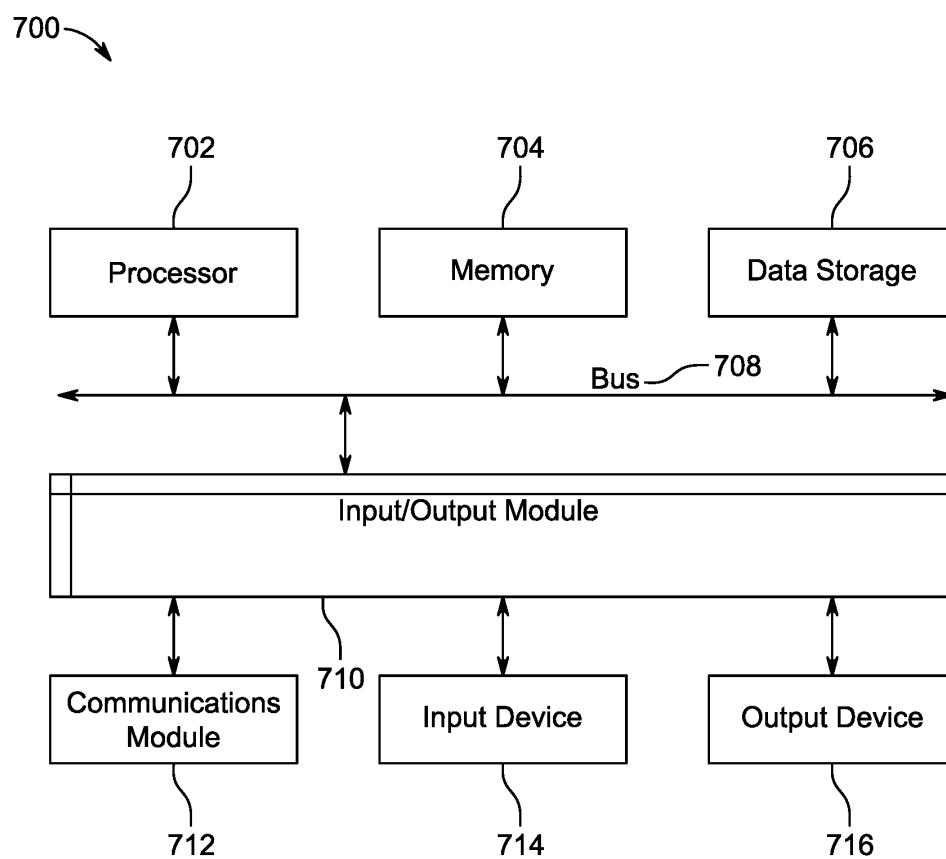


FIG. 10

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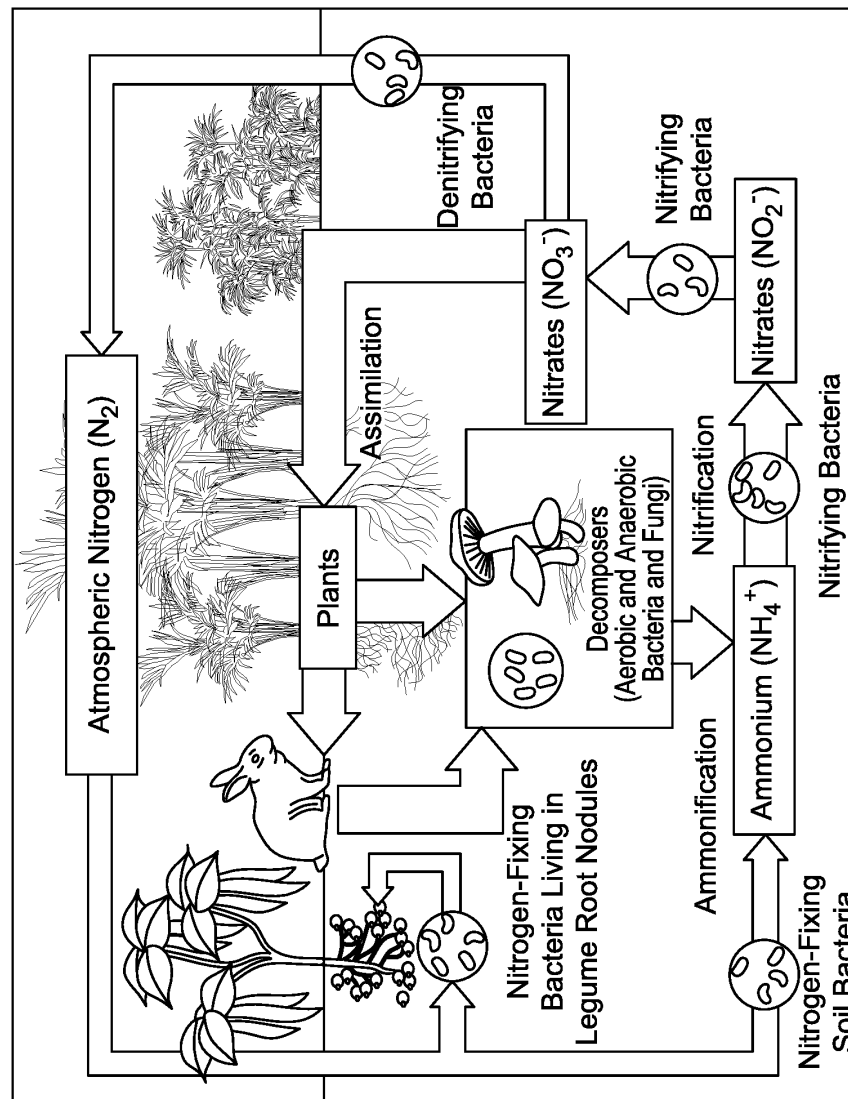
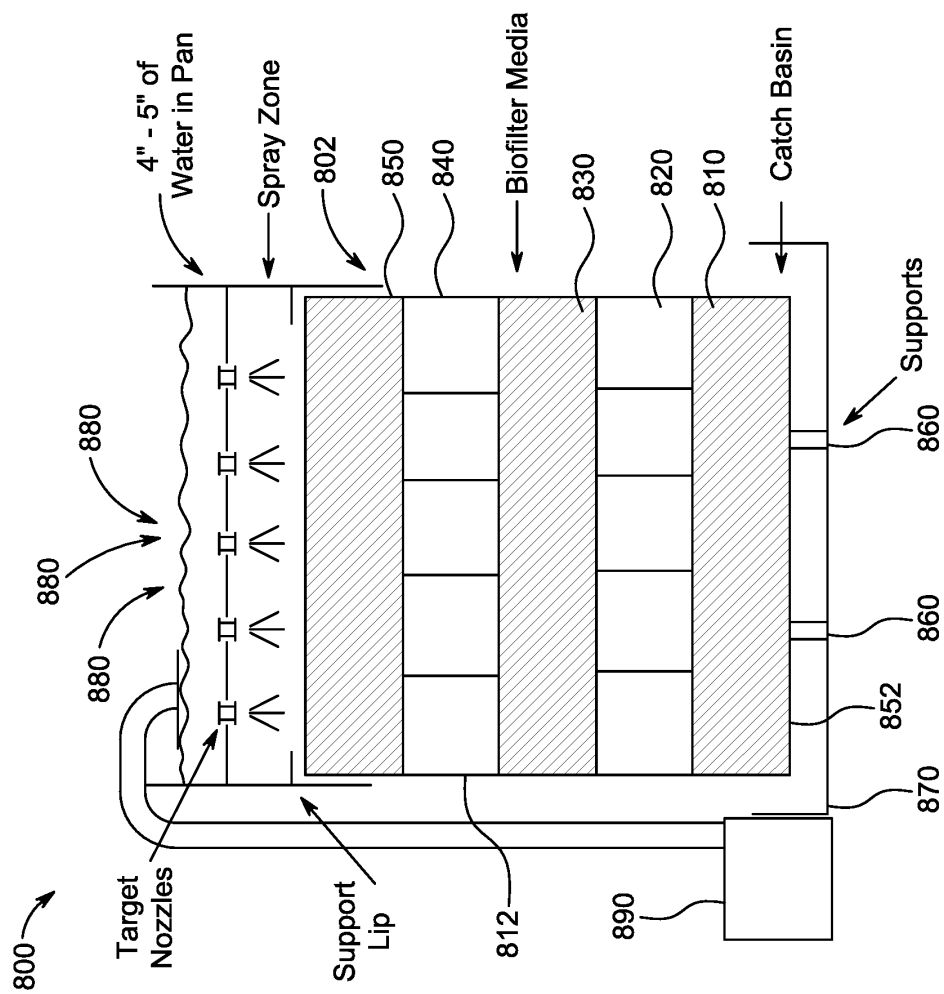


FIG. 11



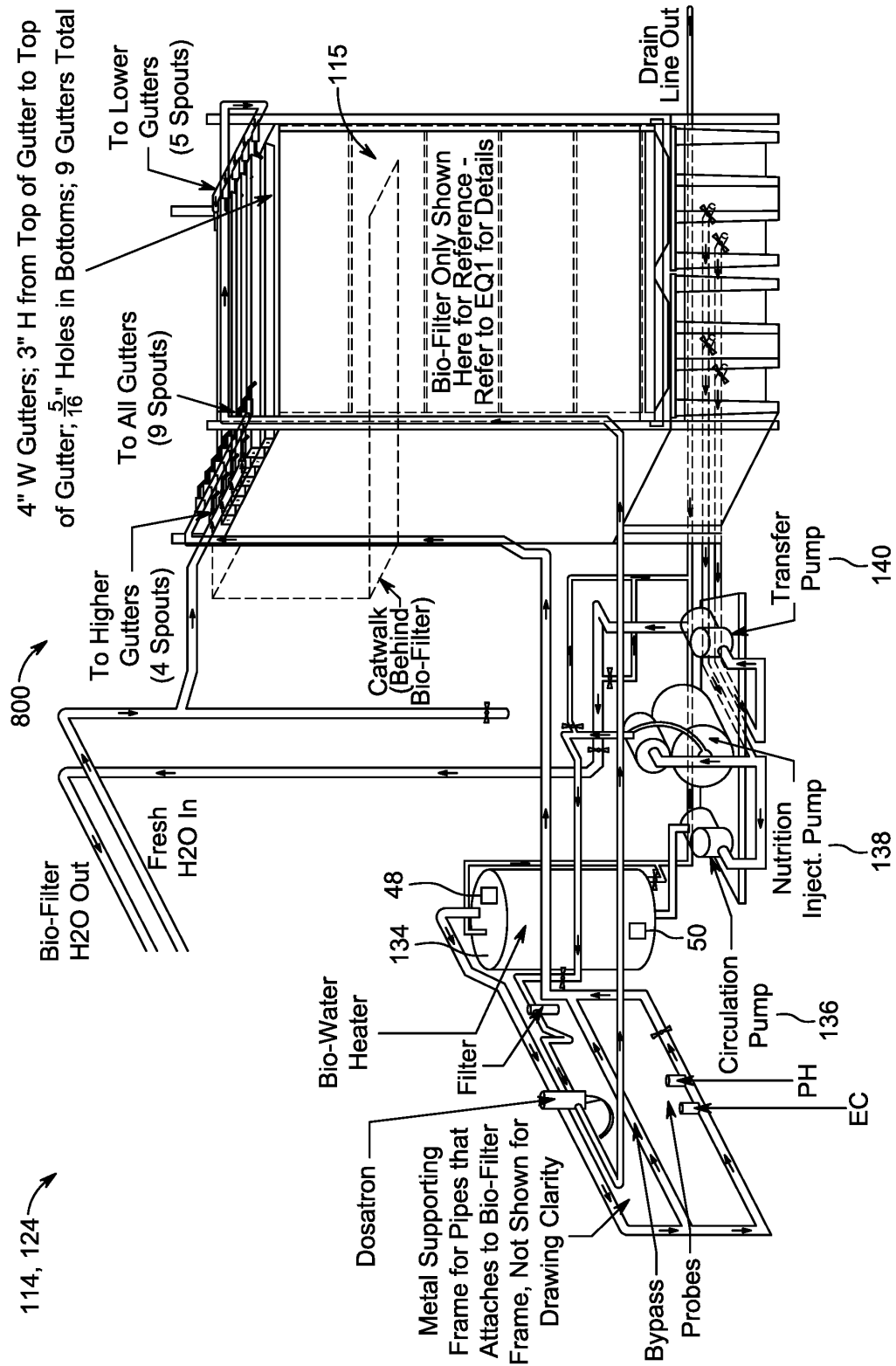


FIG. 13