



US00D817981S

(12) **United States Design Patent**
Gofberg et al.

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(45) **Date of Patent:** **** May 15, 2018**

(54) **DISPLAY SCREEN WITH AN OBJECT
RELATION MAPPING GRAPHICAL USER
INTERFACE**

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Corporation**, Armonk, NY (US)

(**) Term: **15 Years**

(21) Appl. No.: **29/545,099**

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(51) **LOC (11) Cl.** **14-04**

(52) **U.S. Cl.**
USPC **D14/486**

(58) **Field of Classification Search**
USPC D14/485-495; D20/11; D21/324, 325
(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

D397,101 S * 8/1998 Bier D14/489
D451,520 S * 12/2001 Fukuda D14/485
(Continued)

OTHER PUBLICATIONS

“Navigation with Object-Relational Mapping”, posted at service-architecture.com, Feb. 1, 2001, [site visited Apr. 12, 2017]. Available from Internet: <http://www.service-architecture.com/articles/object-relational-mapping/navigation_with_object-relational_mapping.html>.*

(Continued)

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(57) **CLAIM**

The ornamental design for a display screen with an object relation mapping graphical user interface, as shown and described.

DESCRIPTION

FIG. 1 is a first view of a display screen with an object relation mapping graphical user interface;
FIG. 2 is a second view thereof;
FIG. 3 is a third view thereof;
FIG. 4 is a fourth view thereof;
FIG. 5 is a fifth view thereof;
FIG. 6 is a sixth view thereof;
FIG. 7 is a seventh view thereof;
FIG. 8 is an eighth view thereof;
FIG. 9 is a ninth view thereof;
FIG. 10 is a tenth view thereof;
FIG. 11 is an eleventh view thereof;
FIG. 12 is a twelfth view thereof;
FIG. 13 is a thirteenth view thereof;
FIG. 14 is a fourteenth view thereof;
FIG. 15 is a fifteenth view thereof;
FIG. 16 is a sixteenth view thereof;
FIG. 17 is a seventeenth view thereof;
FIG. 18 is an eighteenth view thereof;
FIG. 19 is a nineteenth view thereof;
FIG. 20 is a twentieth view thereof;
FIG. 21 is a twenty-first view thereof;
FIG. 22 is a twenty-second view thereof;
FIG. 23 is a twenty-third view thereof;
FIG. 24 is a twenty-fourth view thereof;
FIG. 25 is a twenty-fifth view thereof;
FIG. 26 is a twenty-sixth view thereof;
FIG. 27 is a twenty-seventh view thereof;
FIG. 28 is a twenty-eighth view thereof;
FIG. 29 is a twenty-ninth view thereof;
FIG. 30 is a thirtieth view thereof;
FIG. 31 is a thirty-first view thereof;
FIG. 32 is a thirty-second view thereof;

(Continued)

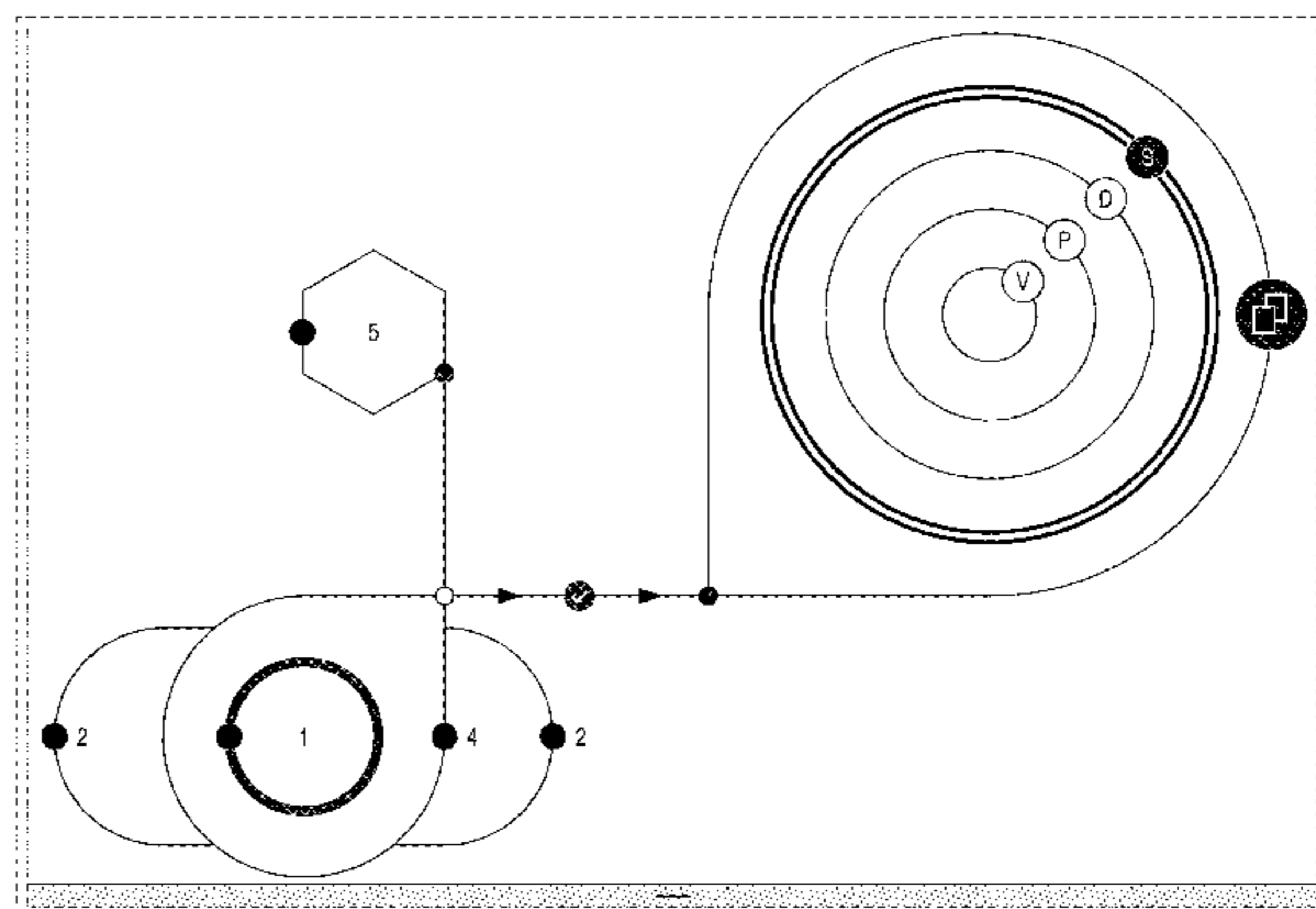
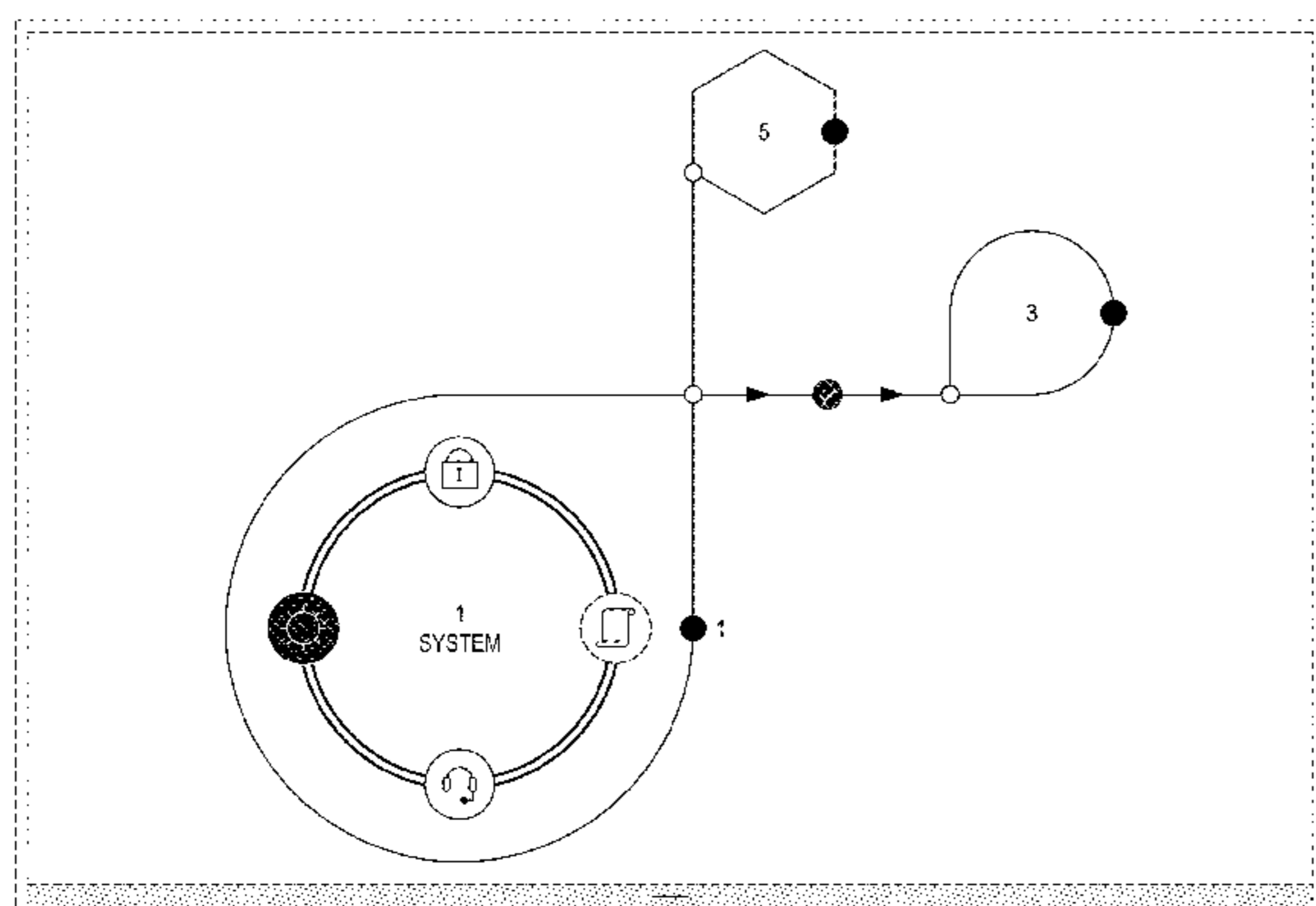


FIG. 33 is a thirty-third view thereof;
 FIG. 34 is a thirty-fourth view thereof;
 FIG. 35 is a thirty-fifth view thereof;
 FIG. 36 is a thirty-sixth view thereof
 FIG. 37 is a thirty-seventh view thereof;
 FIG. 38 is a thirty-eighth view thereof;
 FIG. 39 is a thirty-ninth view thereof;
 FIG. 40 is a fortieth view thereof;
 FIG. 41 is a forty-first view thereof; and,
 FIG. 42 is a forty-second view thereof.

The broken lines outlining FIGS. 1-42 show portions of a display screen which form no part of the claimed design. The appearance of the transitional image sequentially transitions between the images shown in FIG. 1-42. The process or period in which one image transitions to another image forms no part of the claimed design.

1 Claim, 42 Drawing Sheets

(58) Field of Classification Search

CPC G06F 3/04815; G06F 3/04817; G06F 3/0482; G06F 3/04842; G06F 17/30696; G06F 17/30994; G06F 1/1626; G06F 3/0481; G06F 3/0488; B66B 3/023; H04W 72/02

See application file for complete search history.

(56) References Cited

U.S. PATENT DOCUMENTS

8,006,198 B2 * 8/2011 Okuma G06F 3/04817
 399/81
 8,051,387 B2 * 11/2011 Tuli G06F 3/0482
 715/815
 D697,072 S * 1/2014 Ouilhet D14/485
 D697,932 S * 1/2014 Lee D14/486
 D705,799 S * 5/2014 Funabashi D14/487
 D711,395 S * 8/2014 Hanson D14/485
 D711,896 S * 8/2014 Hanson D14/485
 D712,909 S * 9/2014 Francisco D14/485
 9,081,494 B2 * 7/2015 Migos G06F 3/04883
 9,088,537 B2 * 7/2015 Tai H04M 3/5175
 D737,316 S * 8/2015 Li D14/488

D740,308 S * 10/2015 Kim D14/486
 D743,977 S * 11/2015 dela Cruz D14/485
 9,202,297 B1 * 12/2015 Winters G06T 11/206
 9,213,443 B2 * 12/2015 Goertz G06F 3/0421
 D754,686 S * 4/2016 Mandeville D14/485
 D758,422 S * 6/2016 Zhao G06F 3/04817
 D14/488
 9,426,054 B2 * 8/2016 Dilmaghani H04L 45/08
 D774,044 S * 12/2016 Ouilhet D14/485
 D788,785 S * 6/2017 Flood D14/485
 9,742,669 B2 * 8/2017 Dilmaghani H04L 45/54
 2004/0134718 A1 * 7/2004 Matsuda B66B 3/023
 187/391
 2009/0276724 A1 * 11/2009 Rosenthal G06F 17/30696
 715/771
 2013/0117698 A1 * 5/2013 Park G06F 3/04817
 715/765
 2013/0275918 A1 * 10/2013 Antonini G06F 3/04815
 715/841
 2014/0019892 A1 * 1/2014 Mayerhofer G06F 9/4443
 715/763
 2014/0040826 A1 * 2/2014 Wei G06F 3/0488
 715/810
 2014/0115541 A1 * 4/2014 Mandel G06F 17/30994
 715/836
 2014/0149889 A1 * 5/2014 Pearce G06F 3/0481
 715/753
 2014/0247804 A1 * 9/2014 Wermuth H04W 72/02
 370/330
 2014/0282155 A1 * 9/2014 Kim G06F 1/1626
 715/765
 2015/0205509 A1 * 7/2015 Scriven G04G 21/08
 715/834
 2016/0269540 A1 * 9/2016 Butcher H04M 1/72569

OTHER PUBLICATIONS

Dupps, Dennis, "Animated EDP Flow Chart 1 30 15 Final" Jan. 30, 2015, posted at youtube.com, [site visited Dec. 14, 2017]. Available from Internet: <https://www.youtube.com/watch?v=tk1FiKINEyM>.
 Da Silva, Claudio, "The differences between relational, object, no-SQL, and data warehouse databases" Oct. 22, 2015, posted at youtube.com, [site visited Dec. 14, 2017]. Available from Internet: <https://www.youtube.com/watch?v=jSXxrTNZwXA>.
 "RAP—an animated flow chart" Jul. 17, 2012, posted at youtube.com, [site visited Dec. 14, 2017]. Available from Internet: <https://www.youtube.com/watch?v=uW9HnB93NdA>.

* cited by examiner

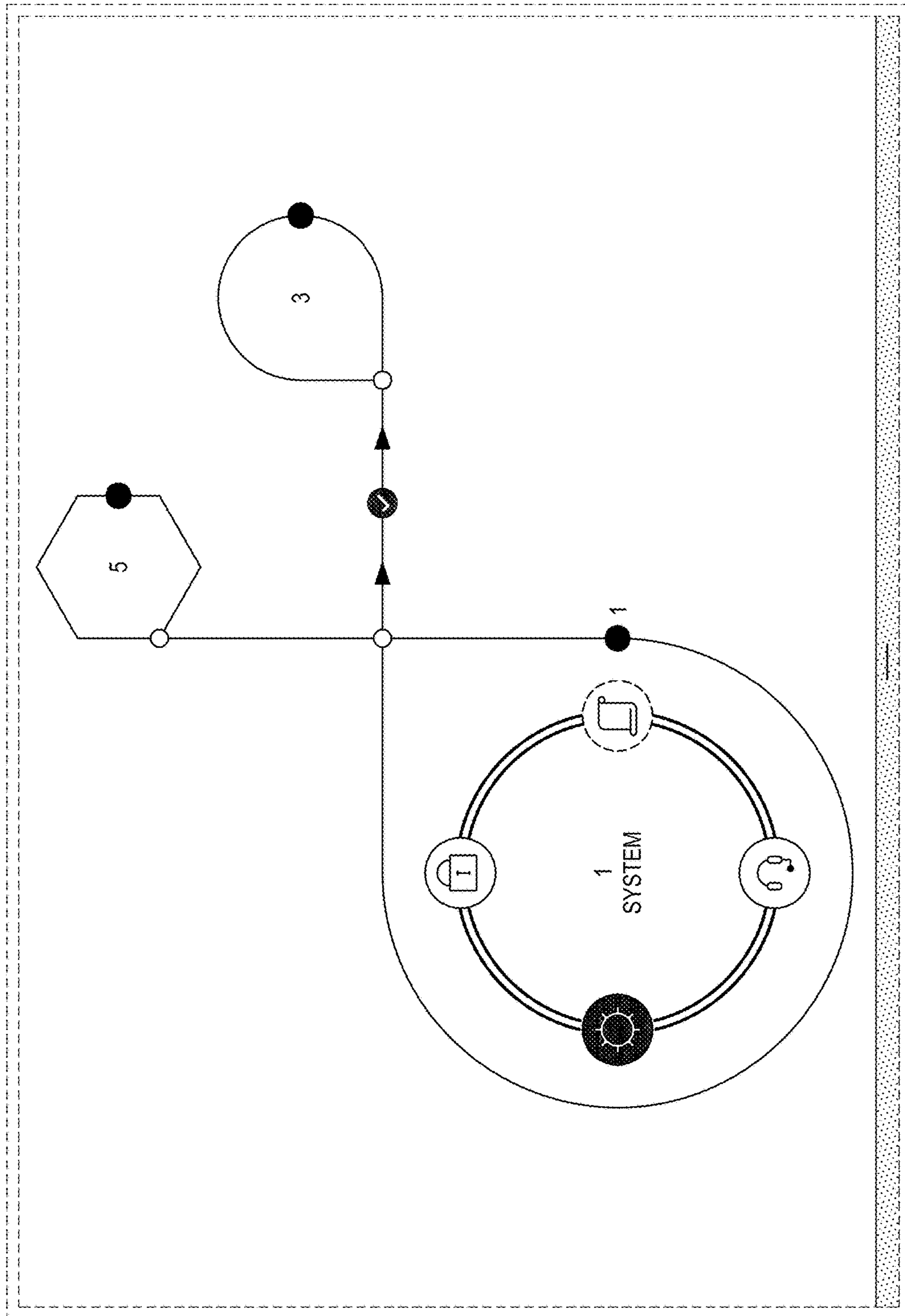


FIG. 1

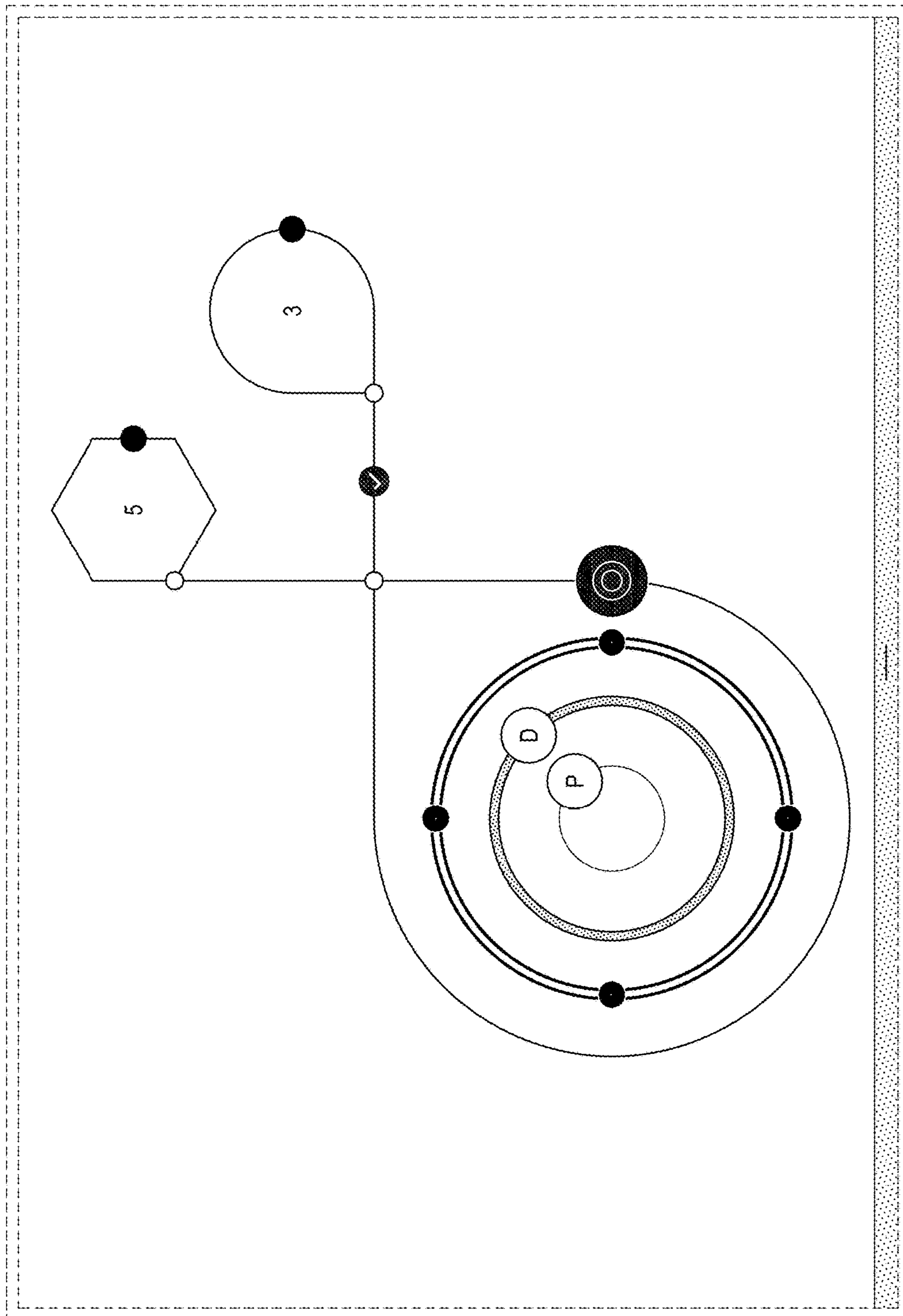


FIG. 2

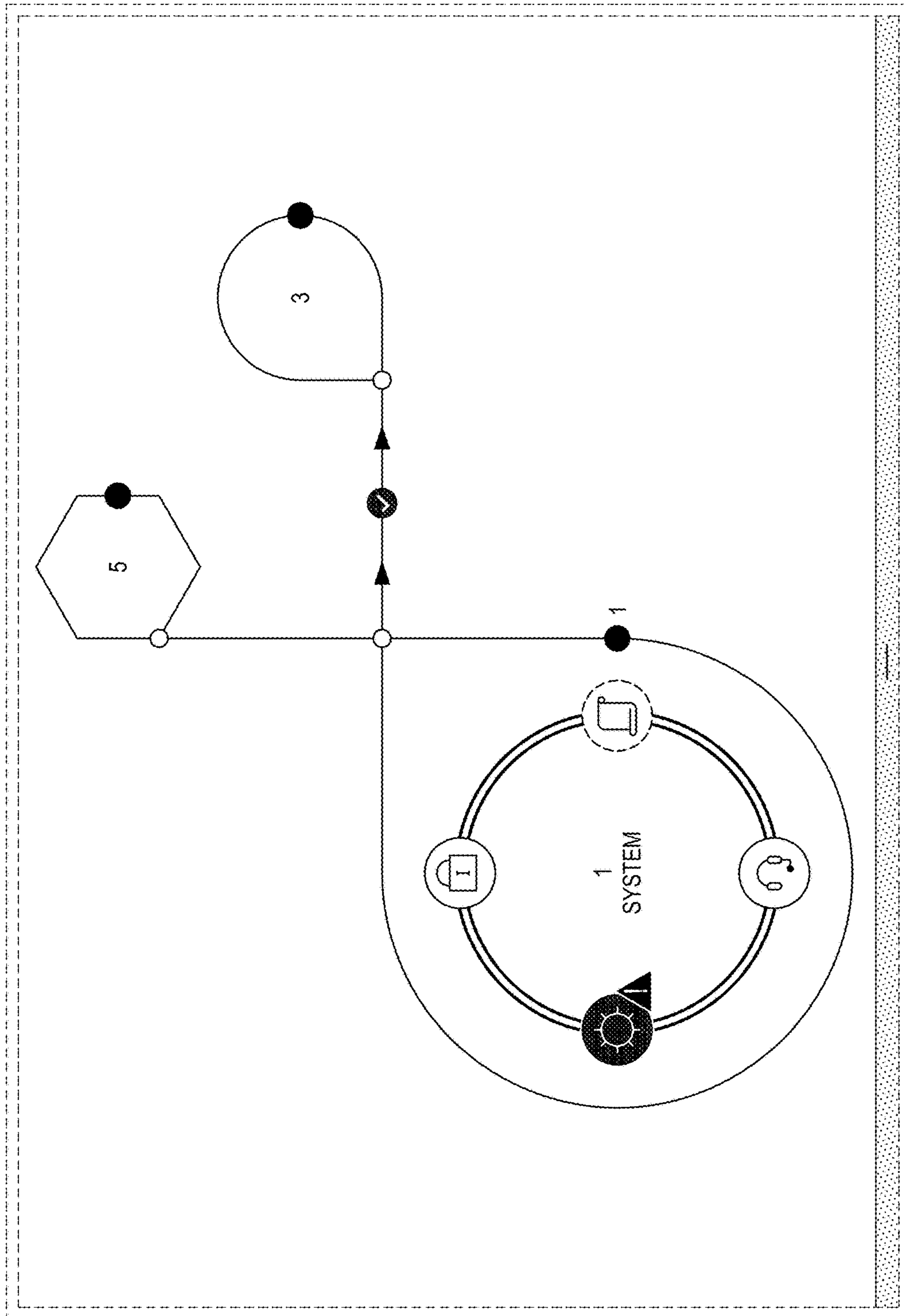


FIG. 3

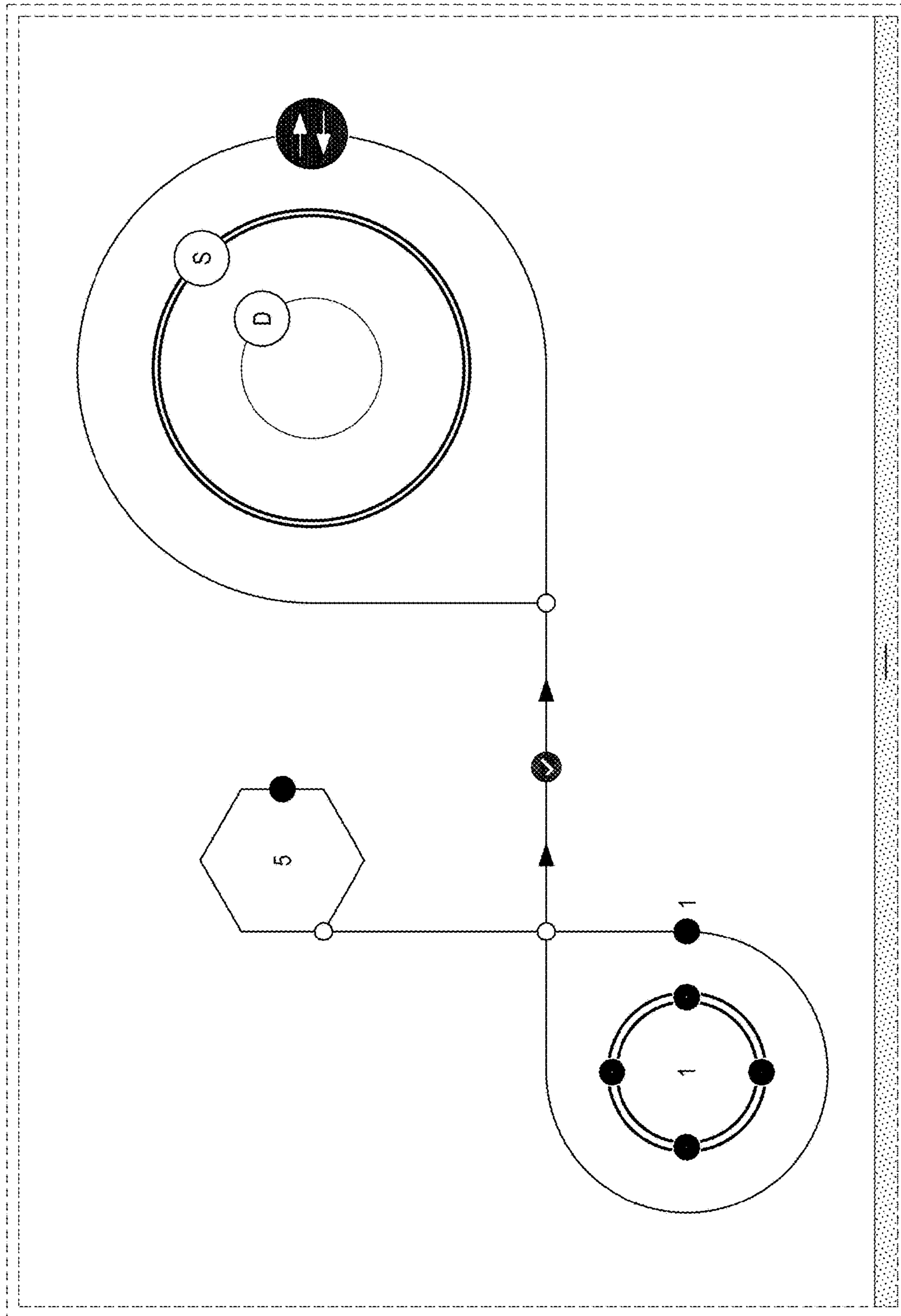


FIG. 4

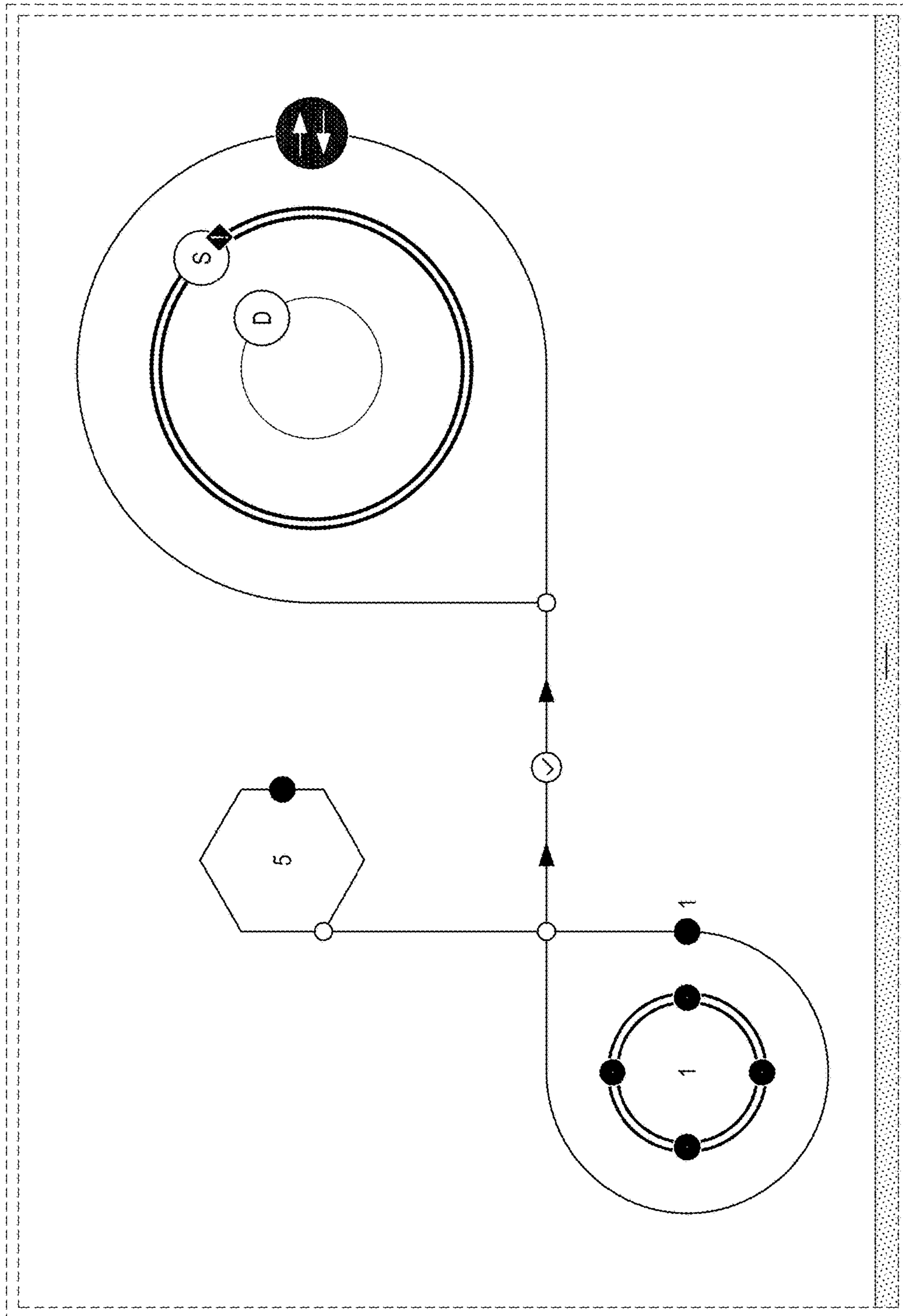


FIG. 5

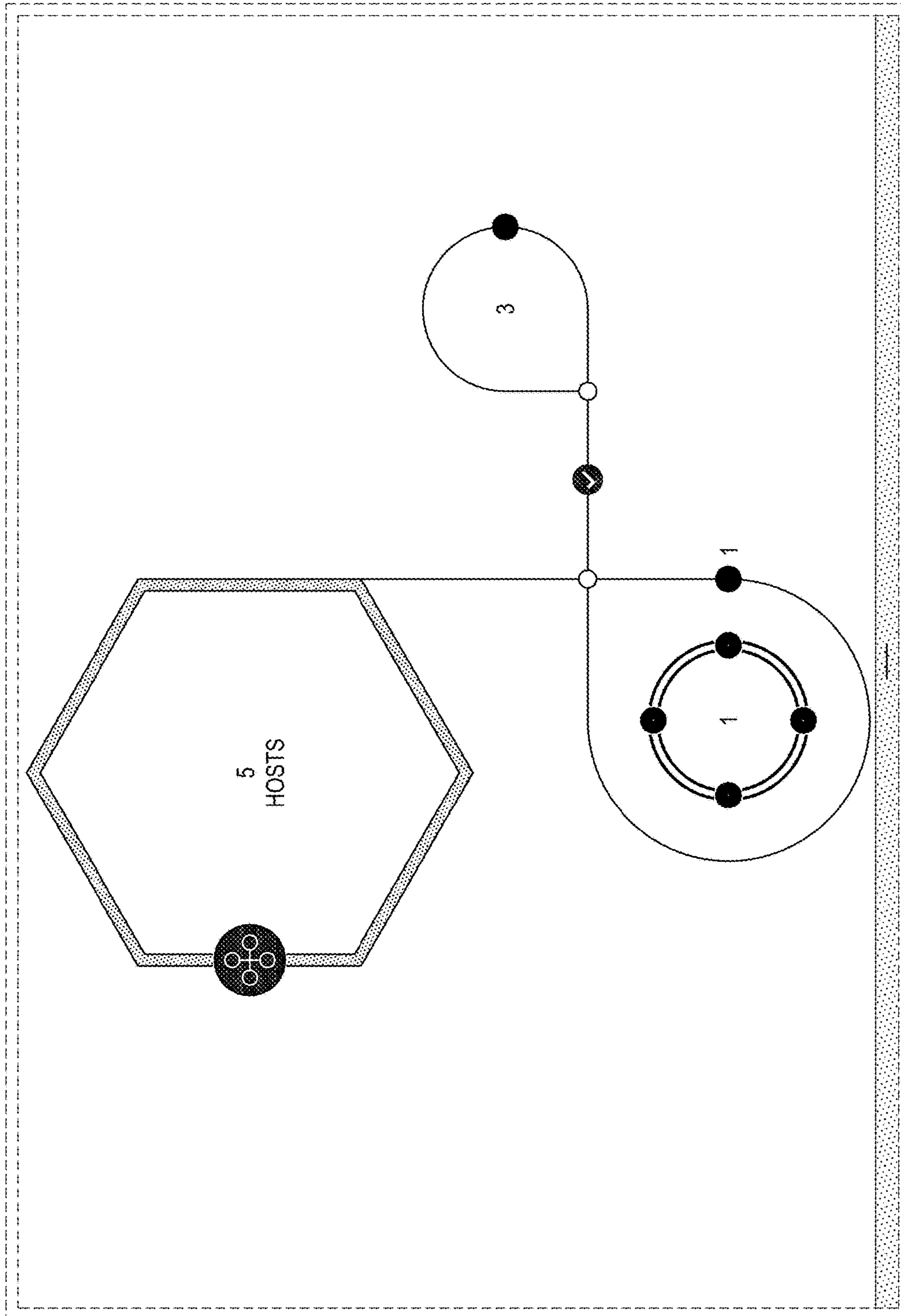


FIG. 6

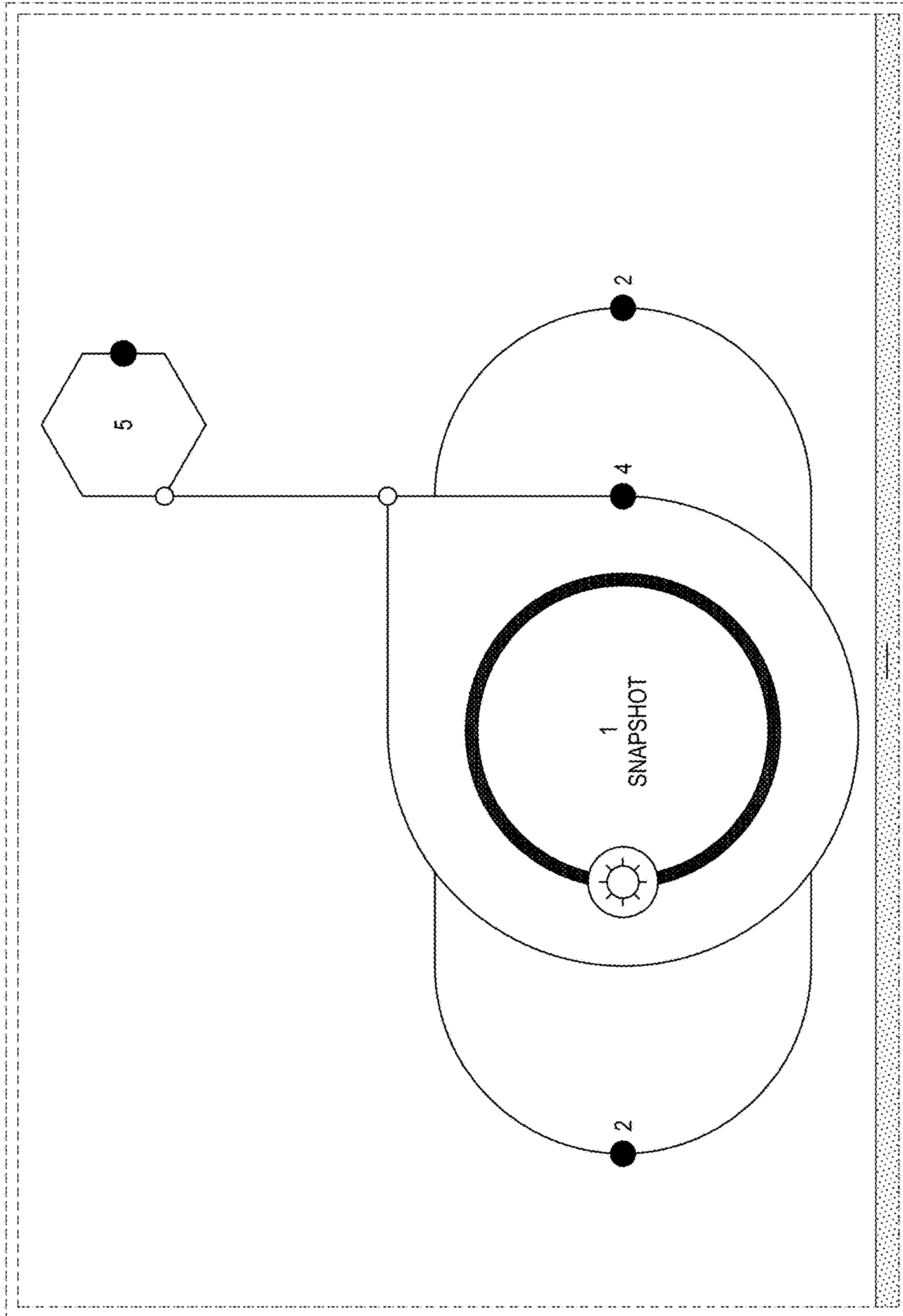


FIG. 7

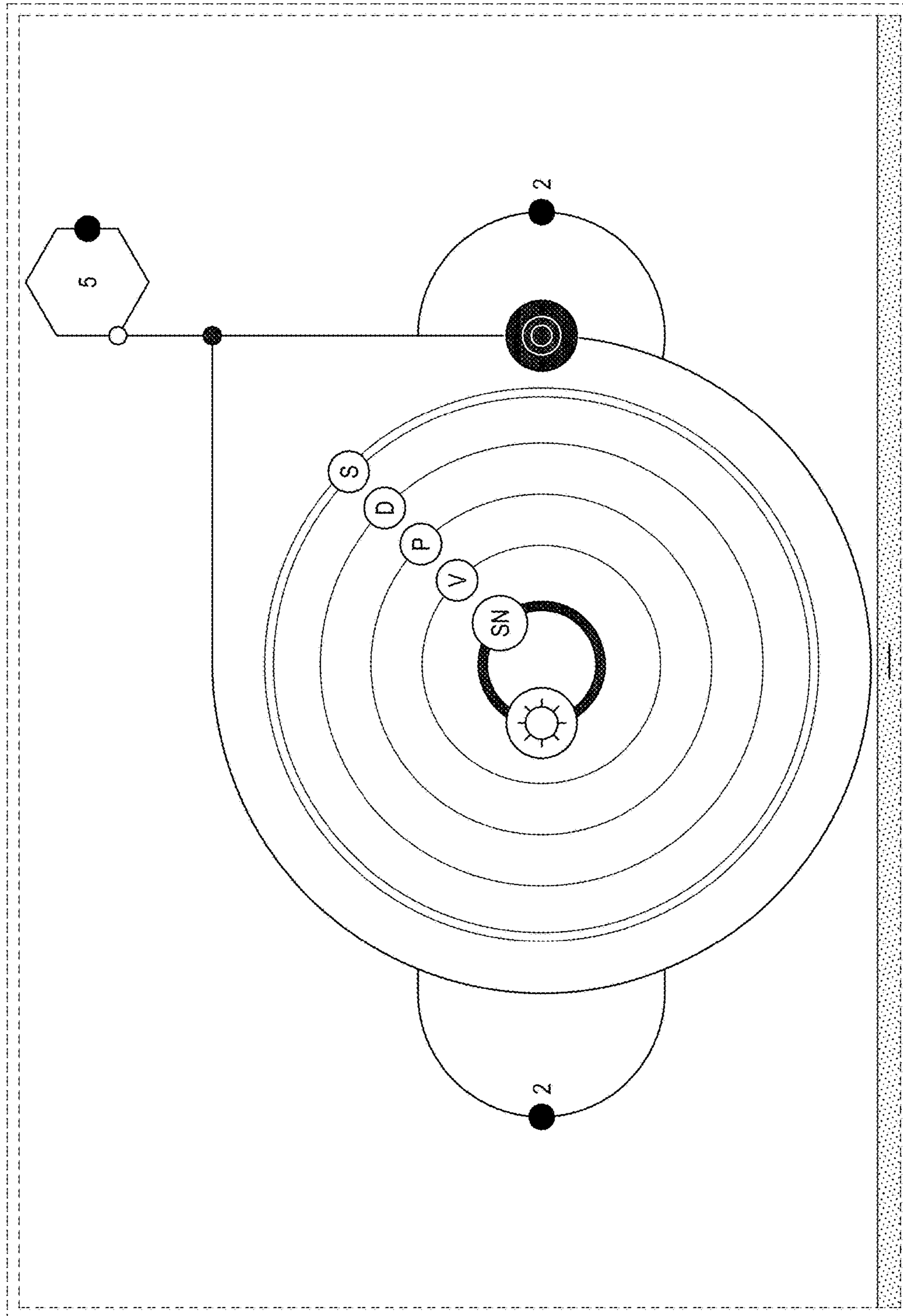


FIG. 8

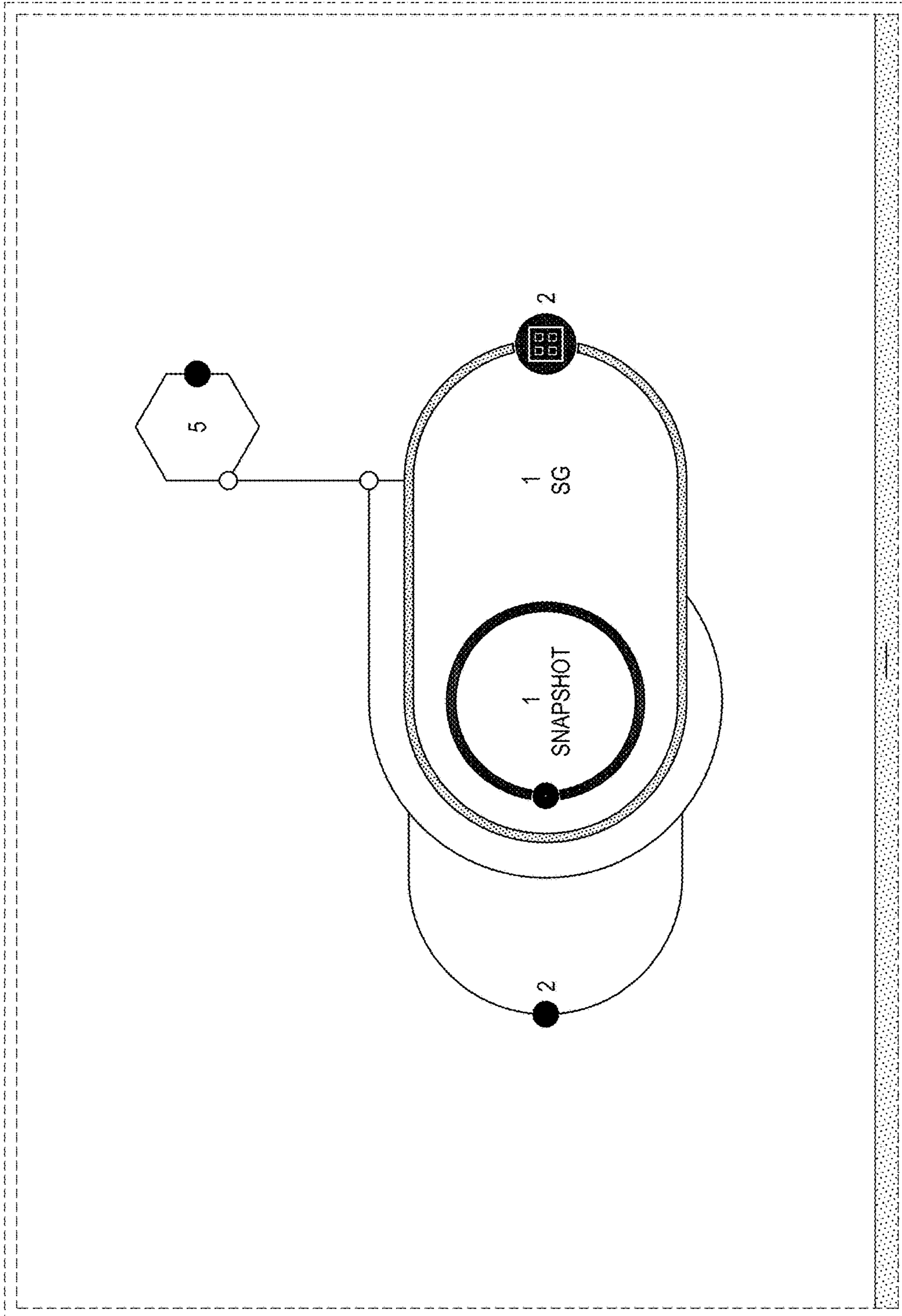


FIG. 9

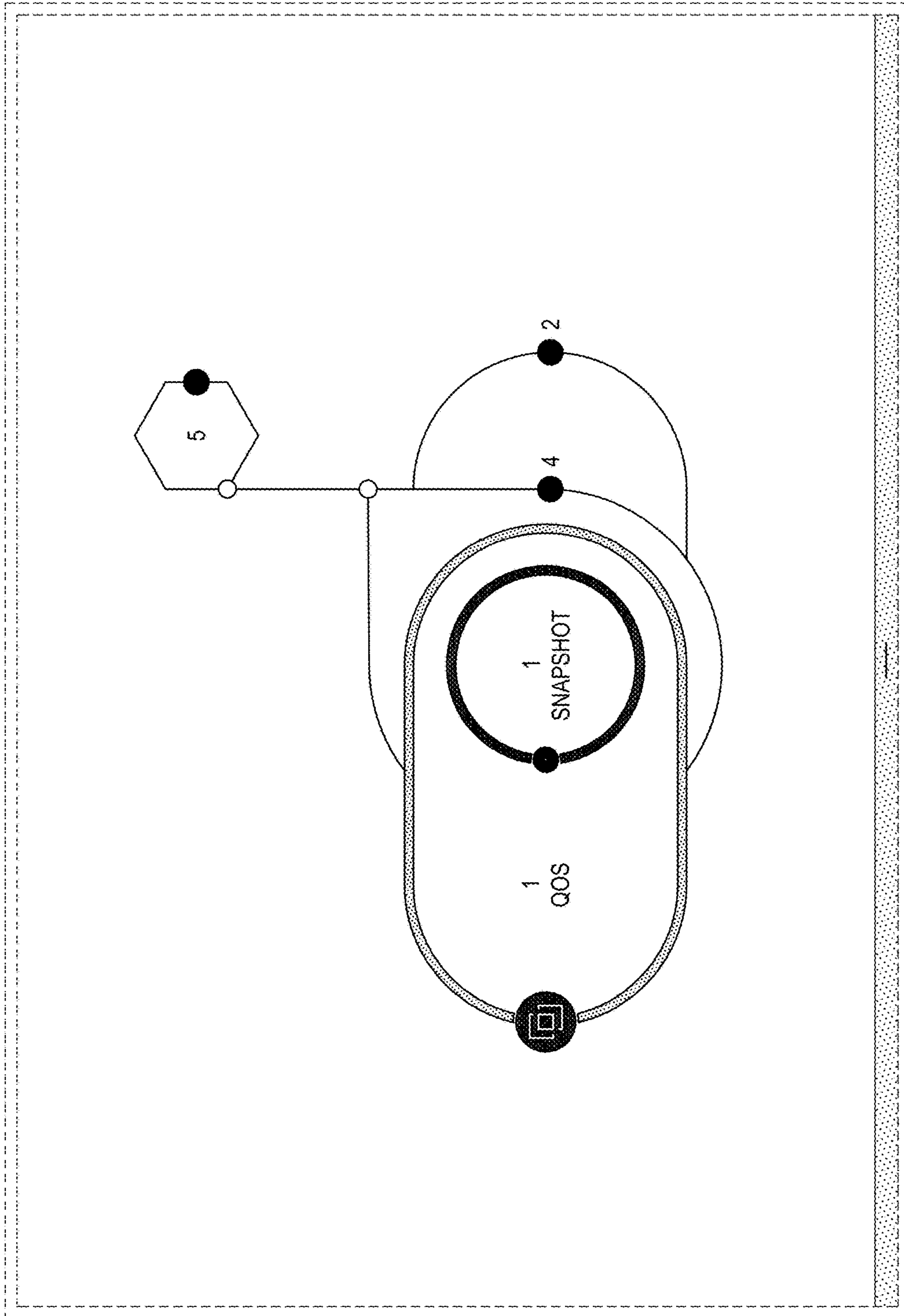


FIG. 10

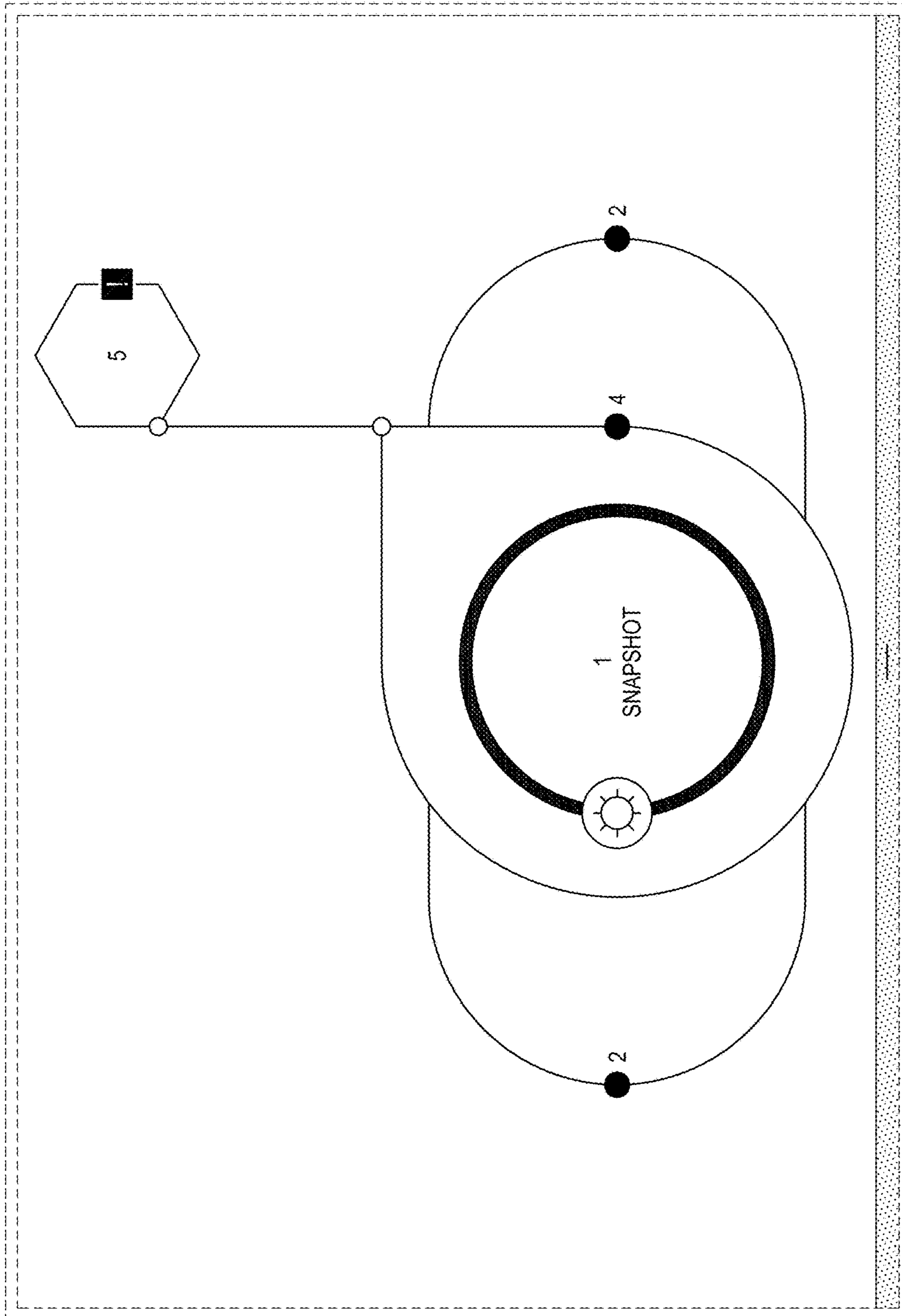


FIG. 11

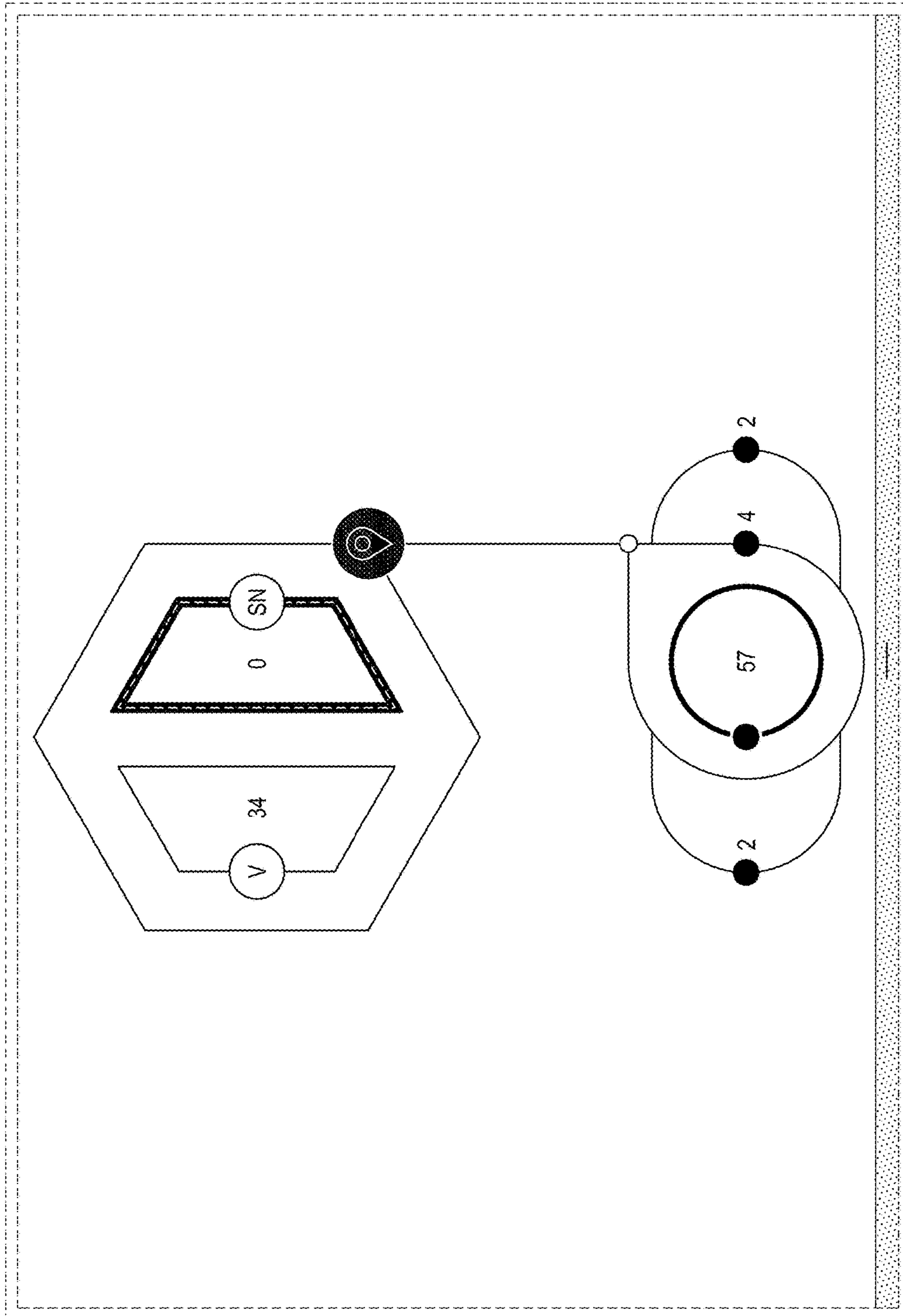


FIG. 12

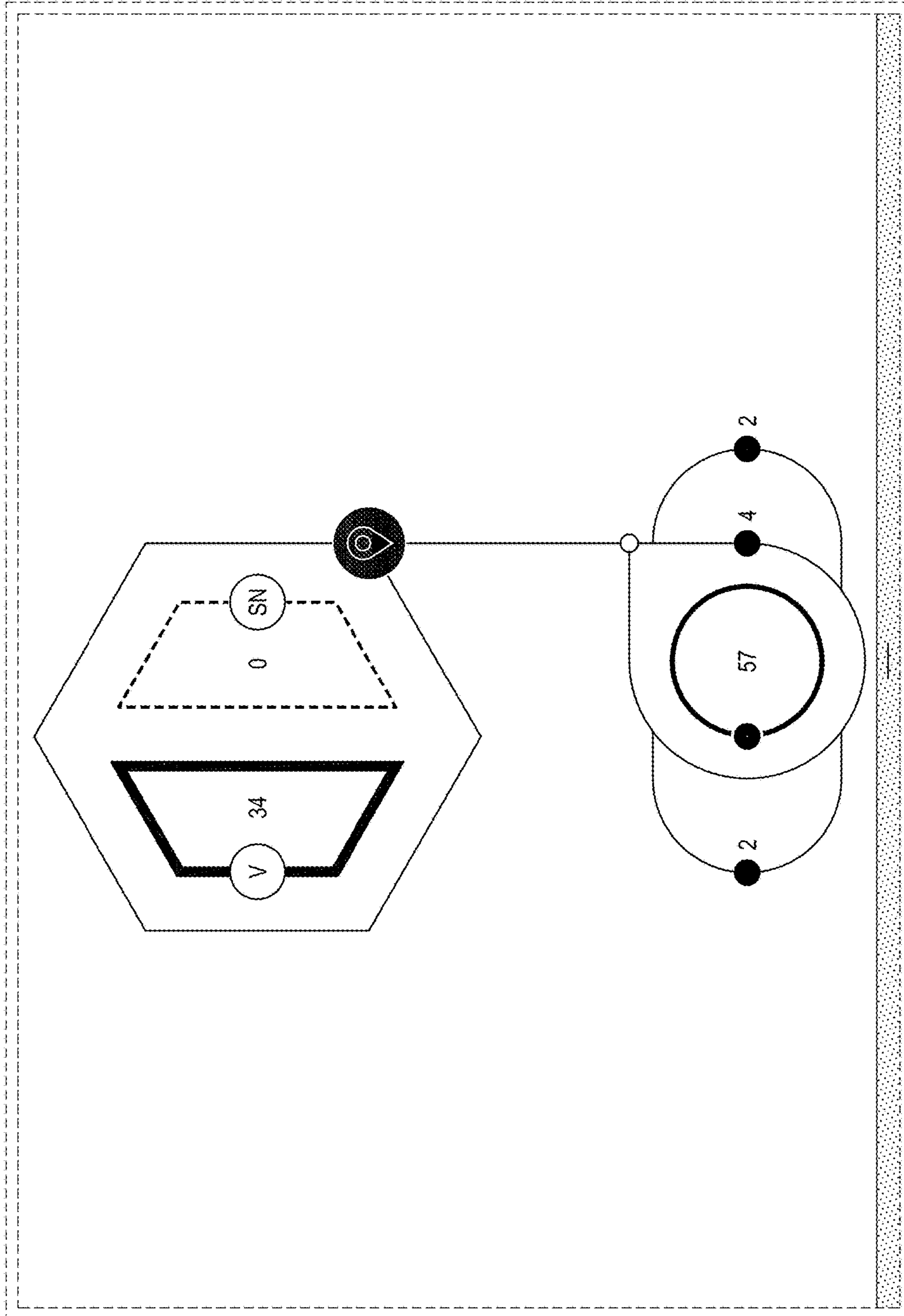


FIG. 13

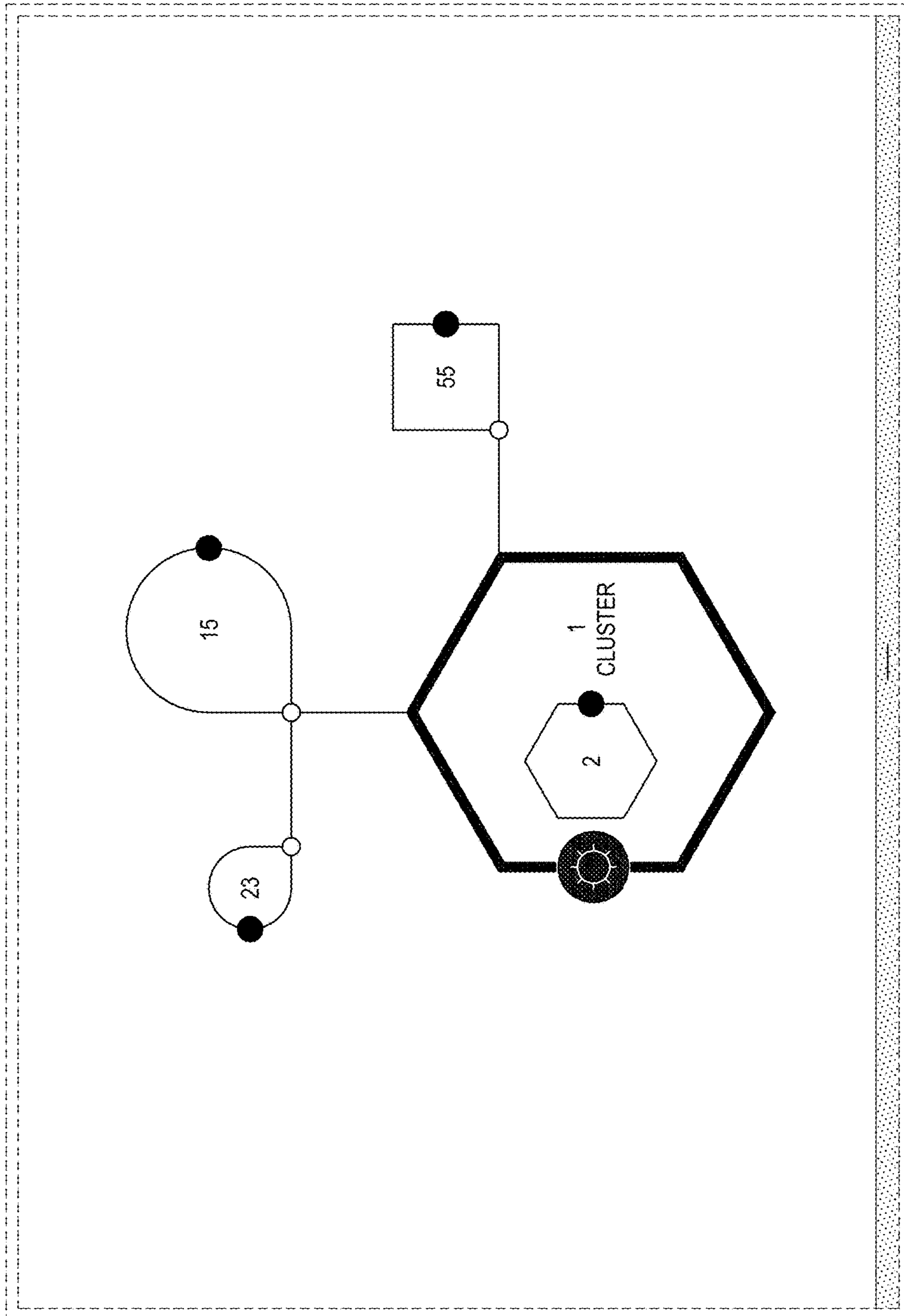


FIG. 14

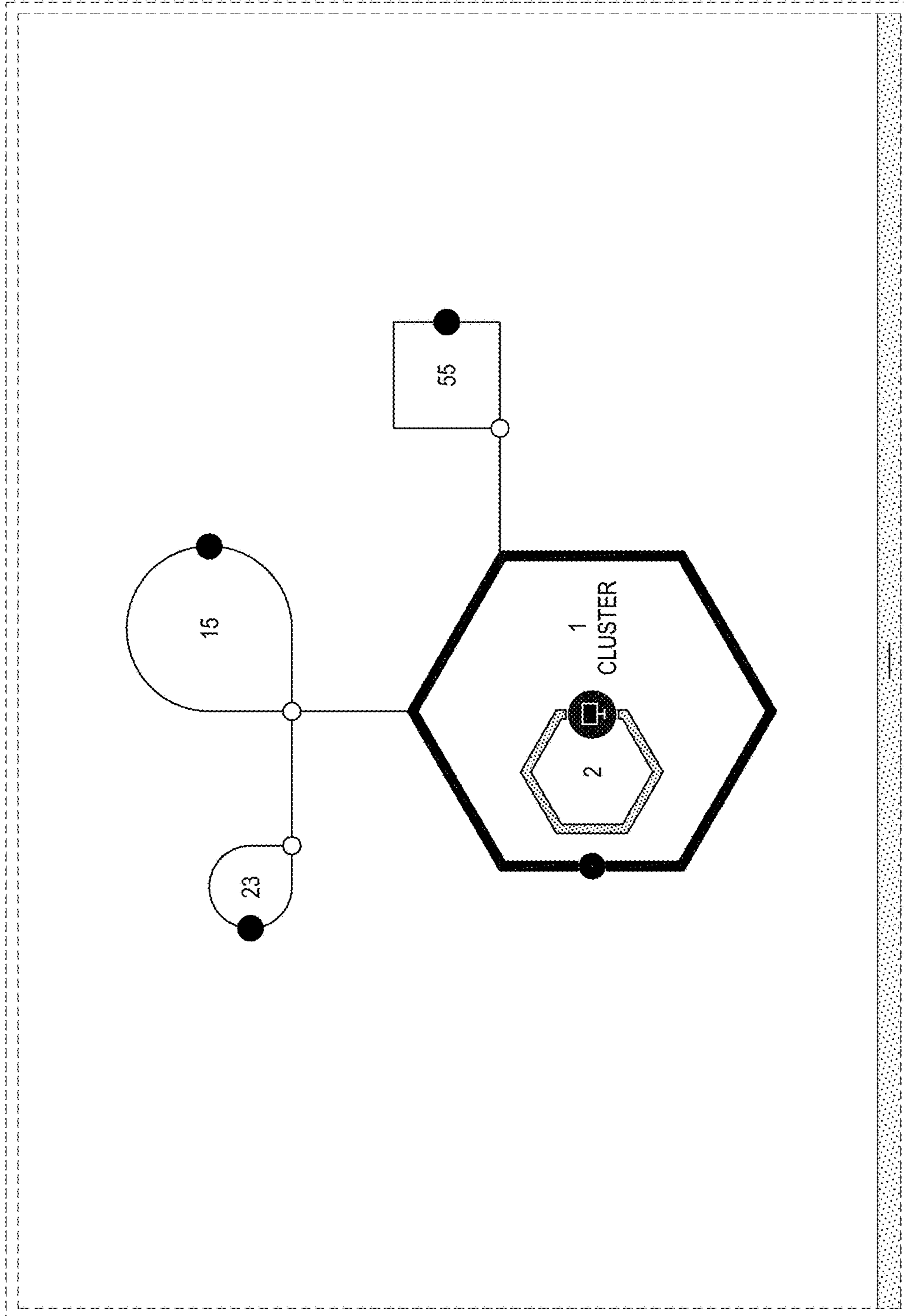


FIG. 15

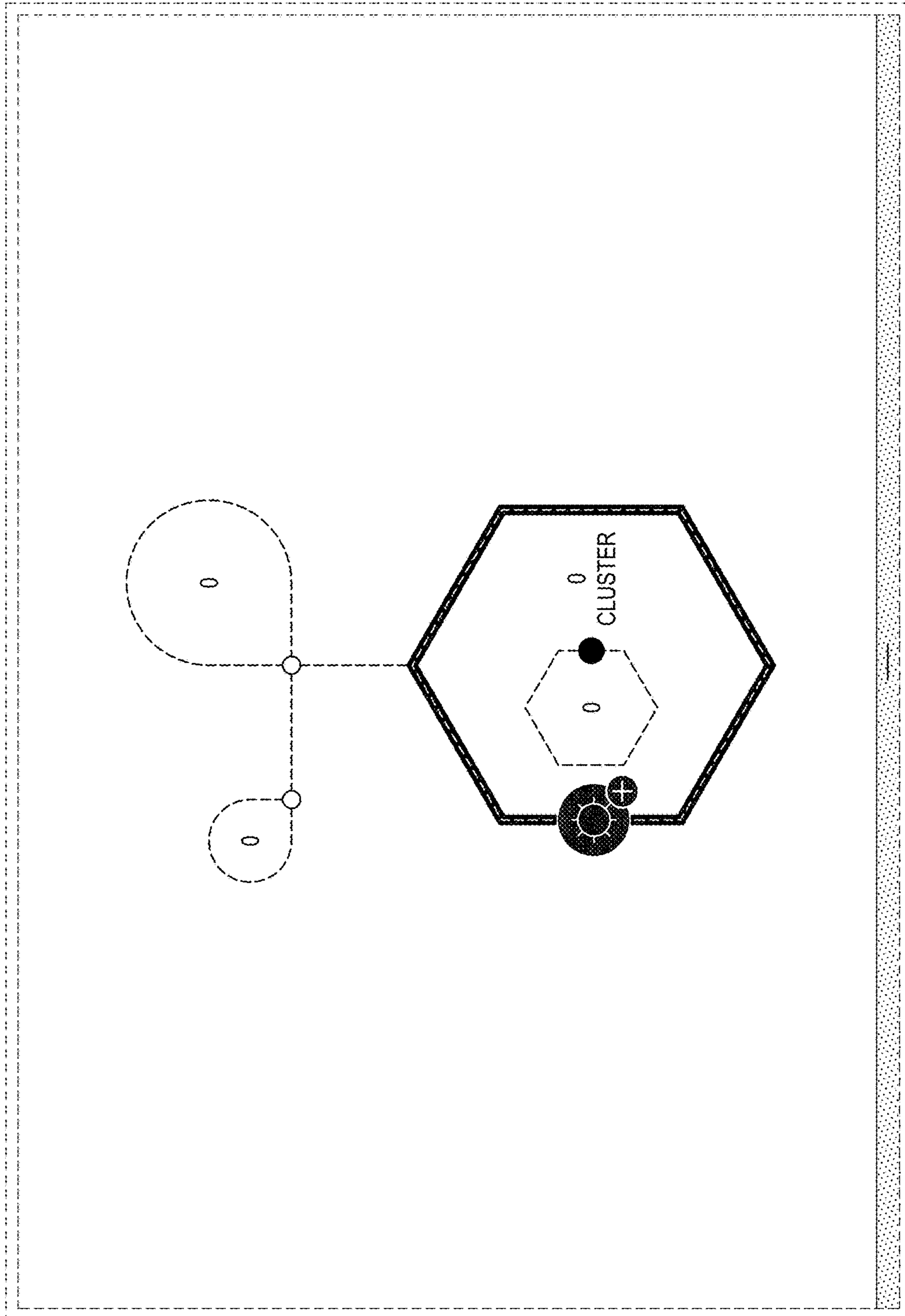


FIG. 16

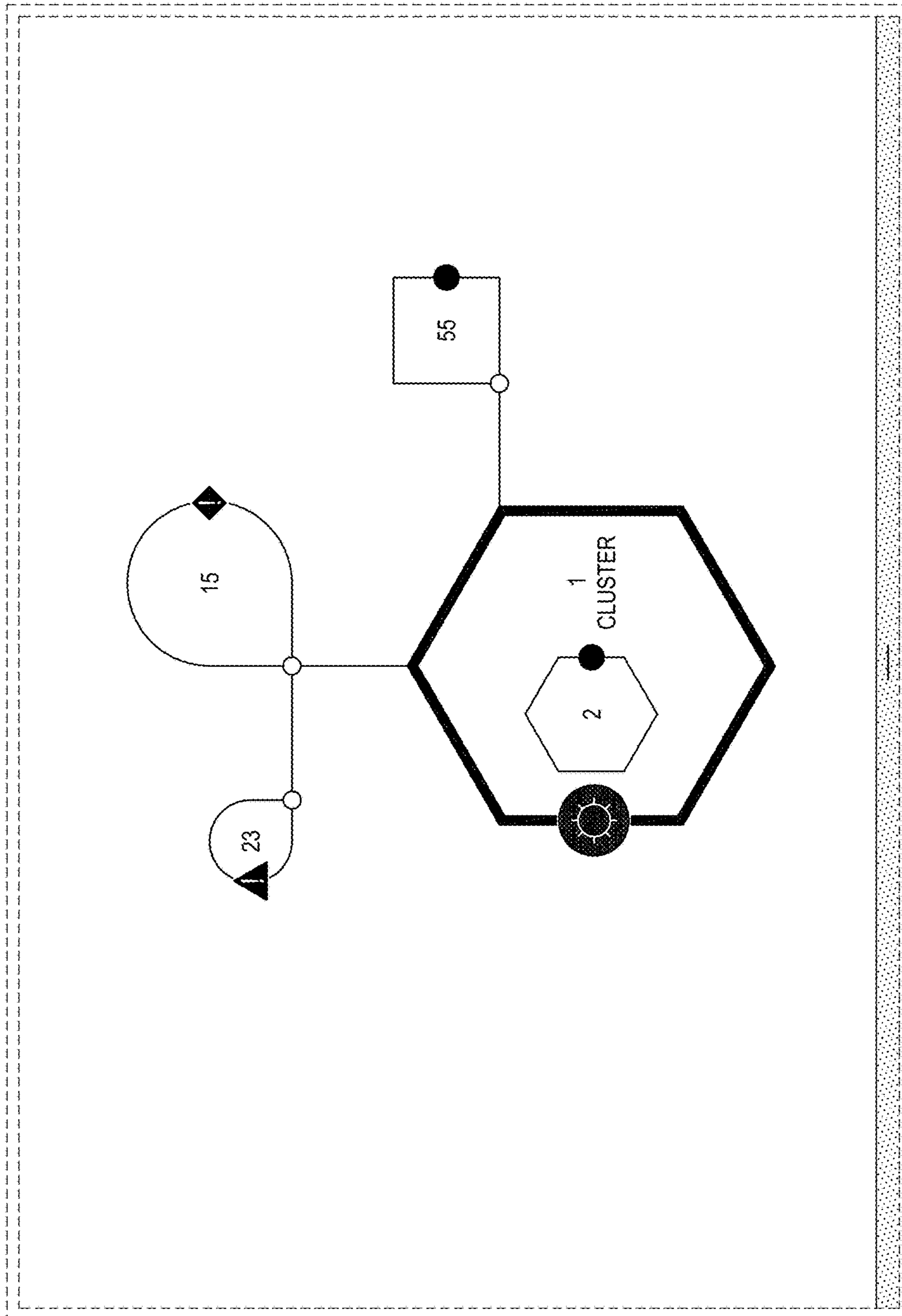


FIG. 17

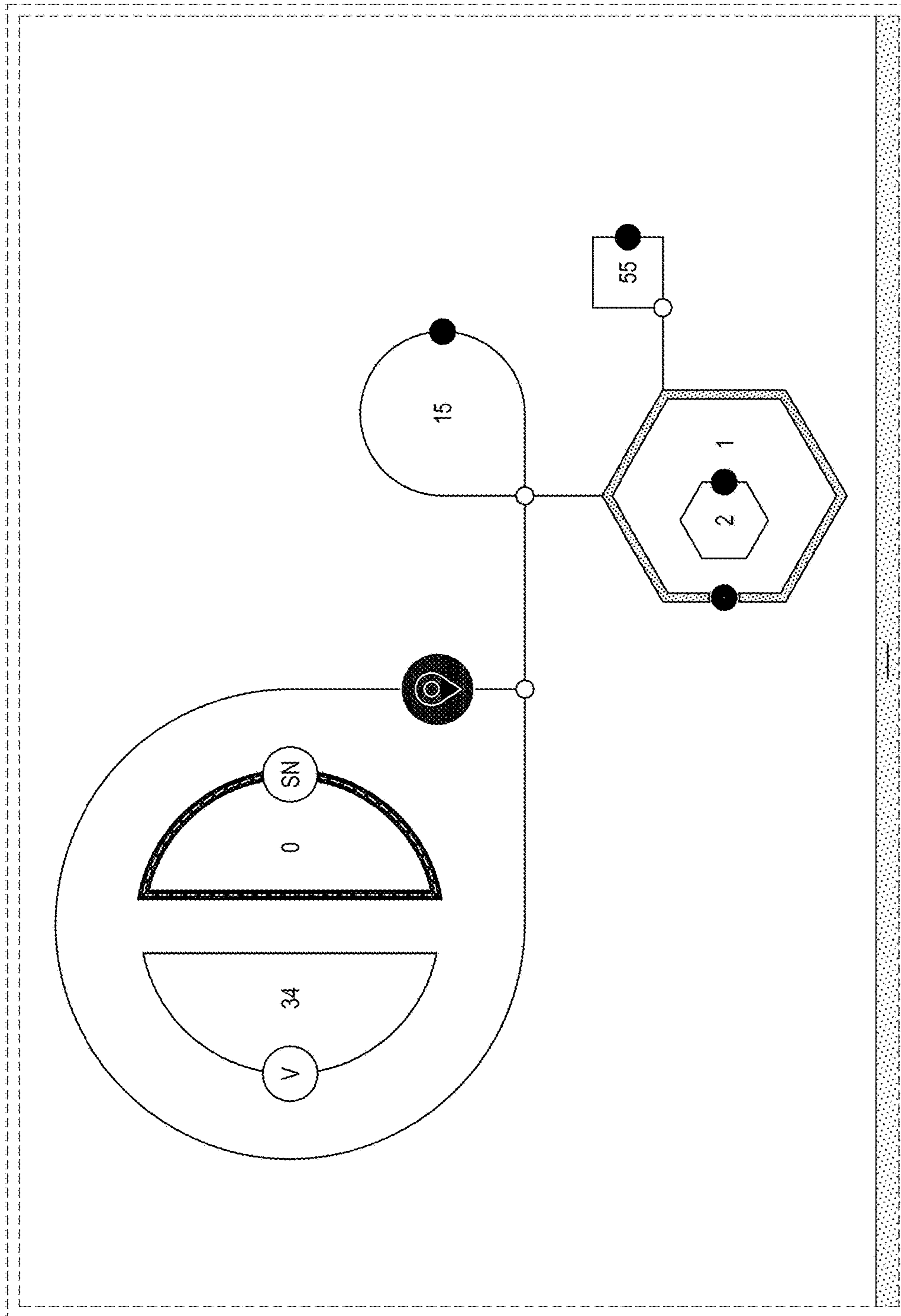


FIG. 18

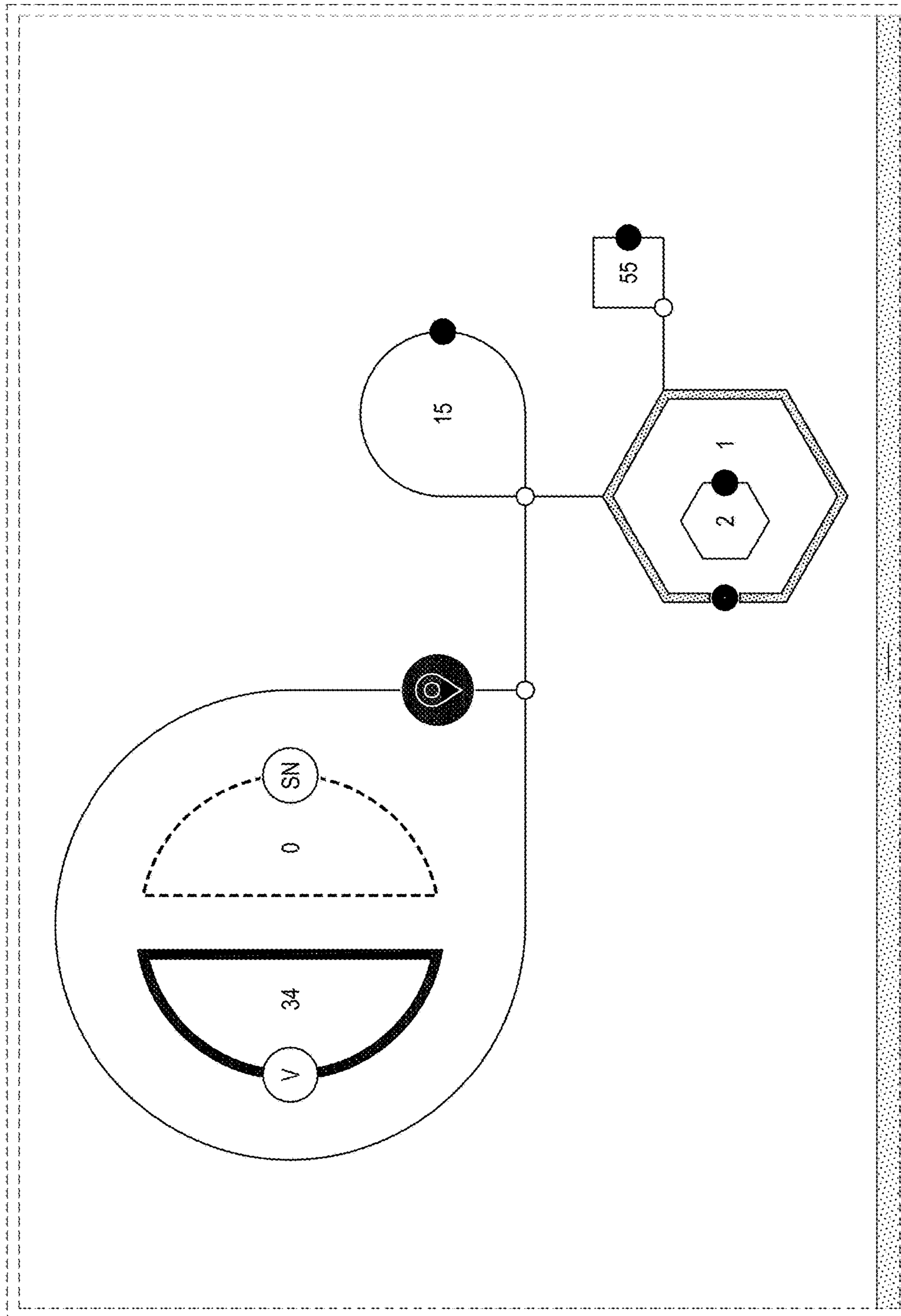


FIG. 19

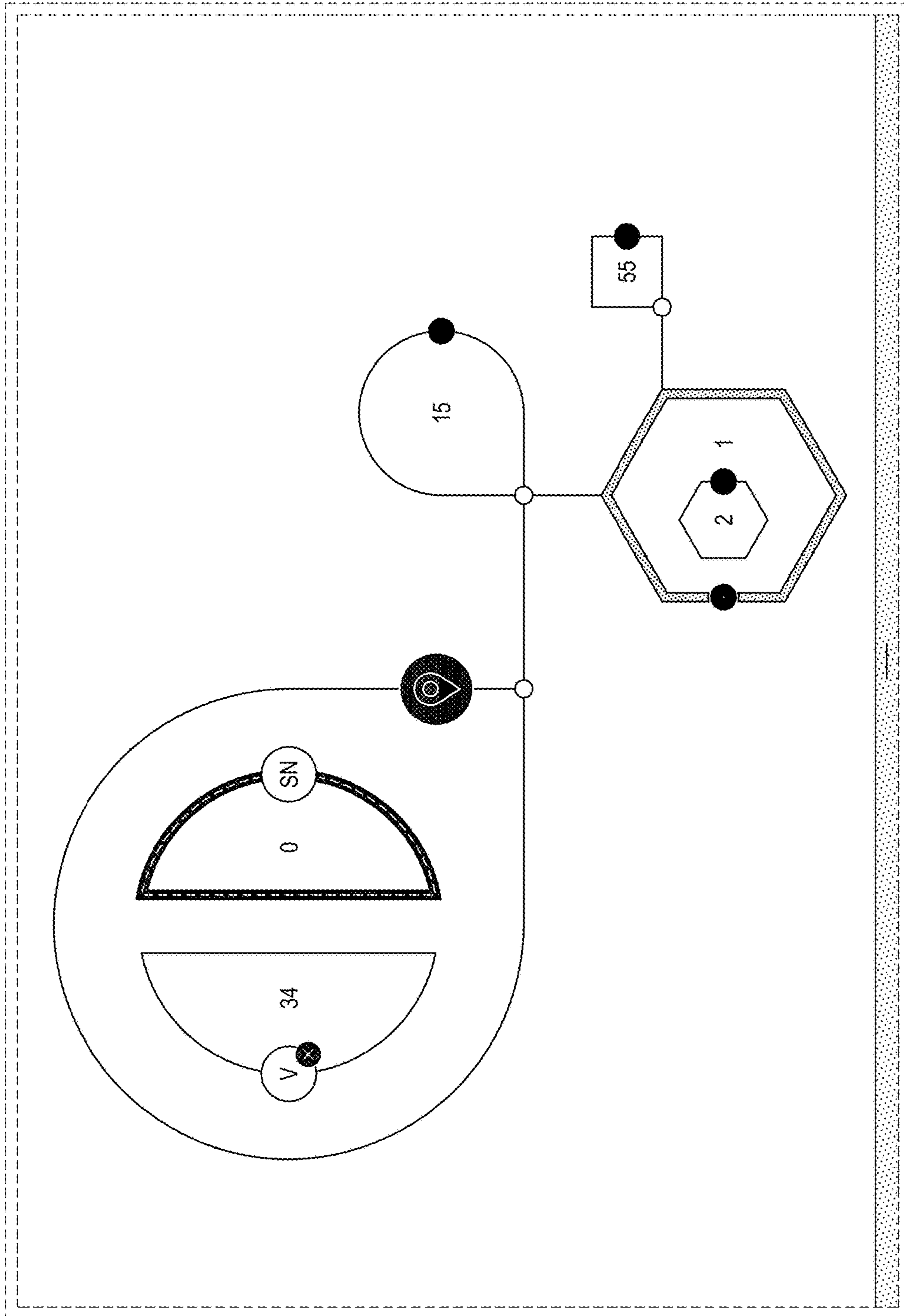


FIG. 20

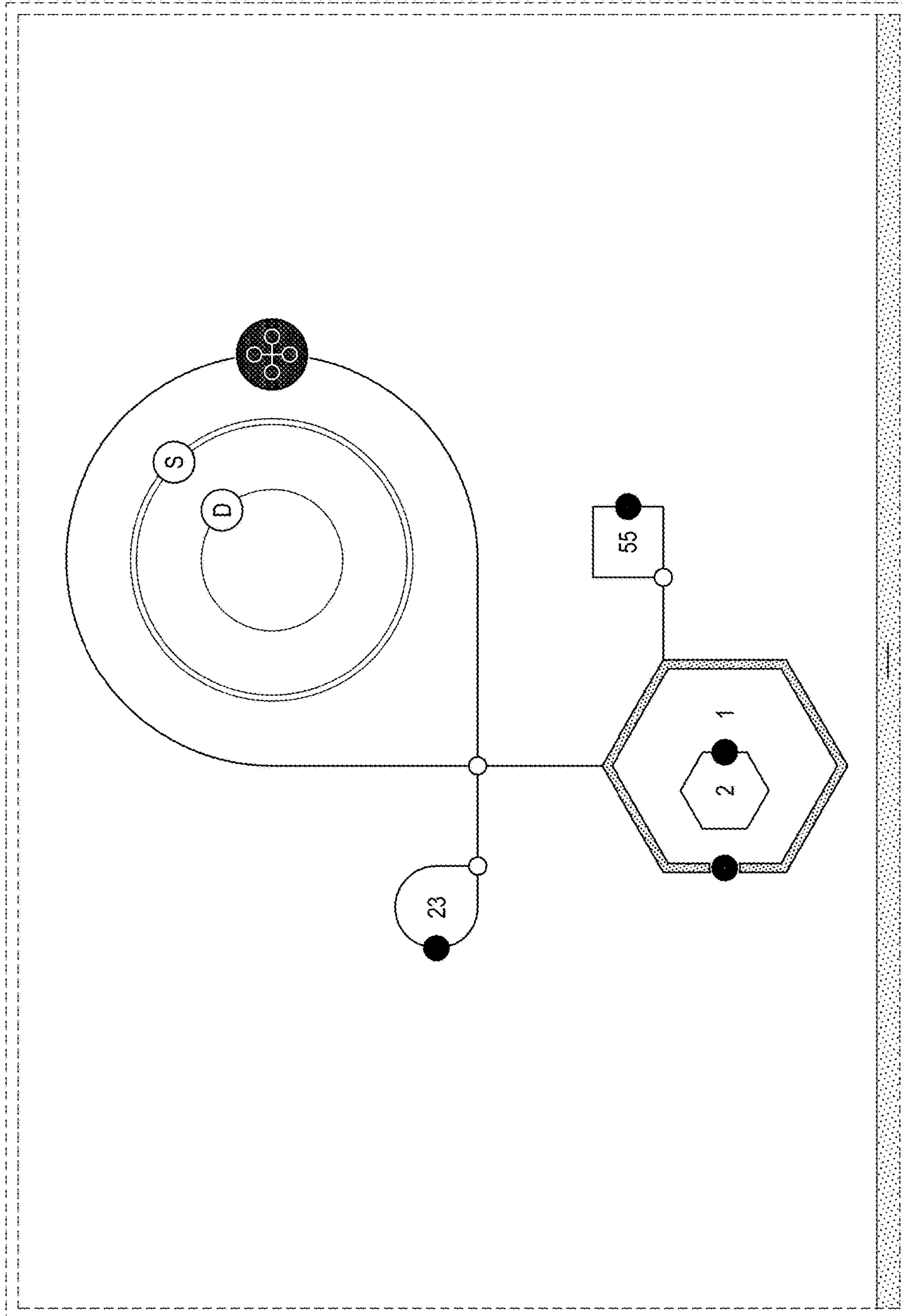


FIG. 21

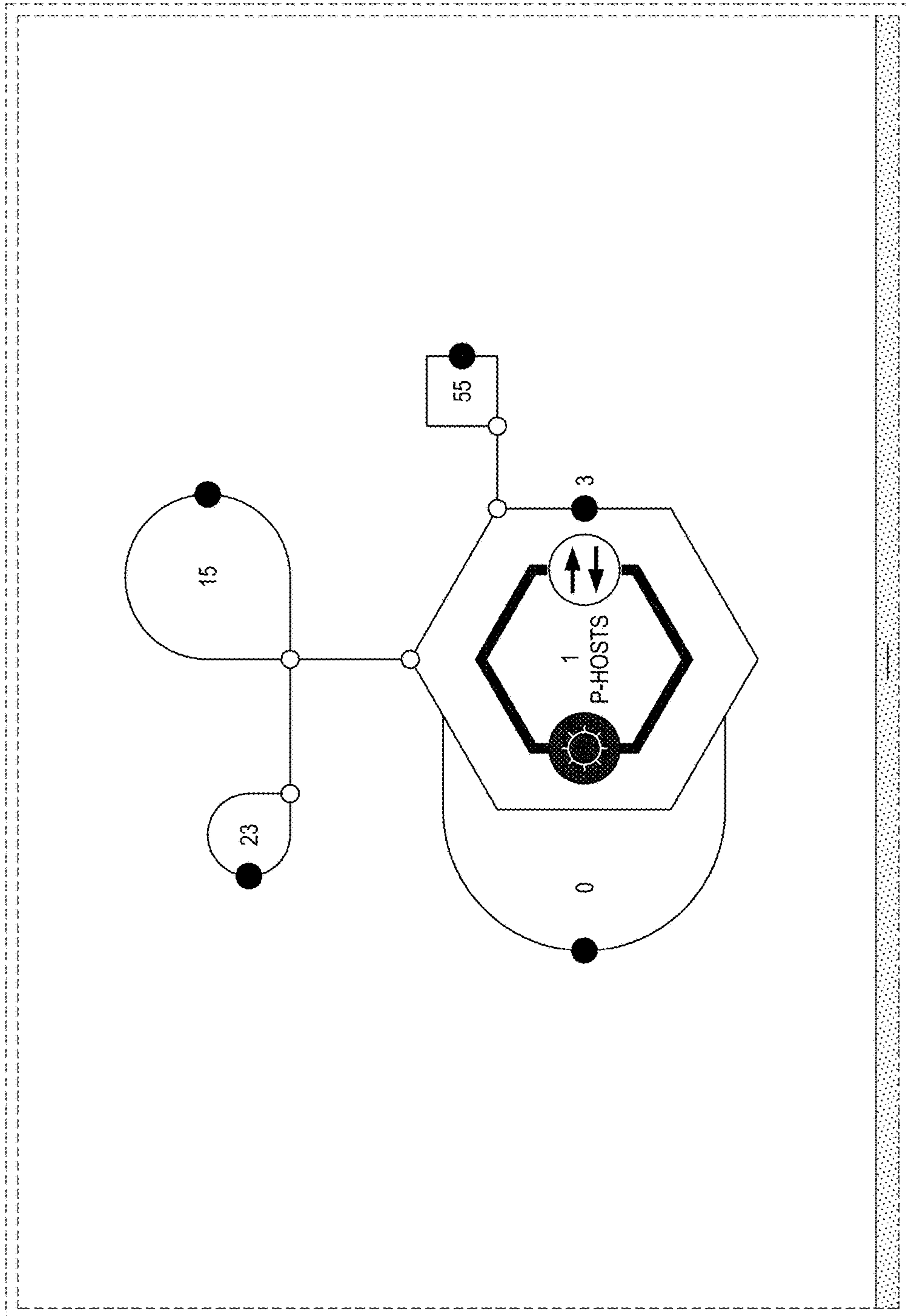


FIG. 22

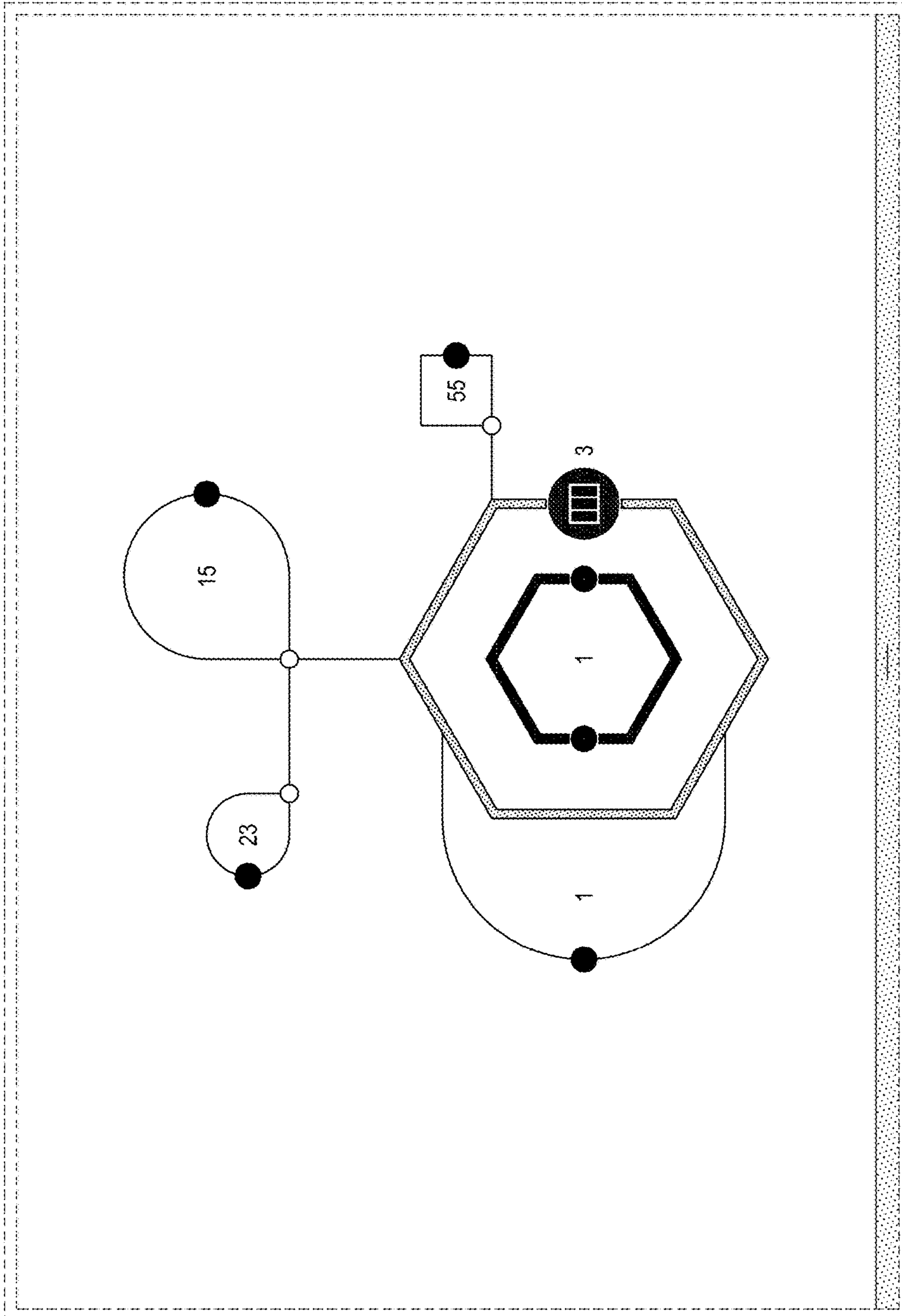


FIG. 23

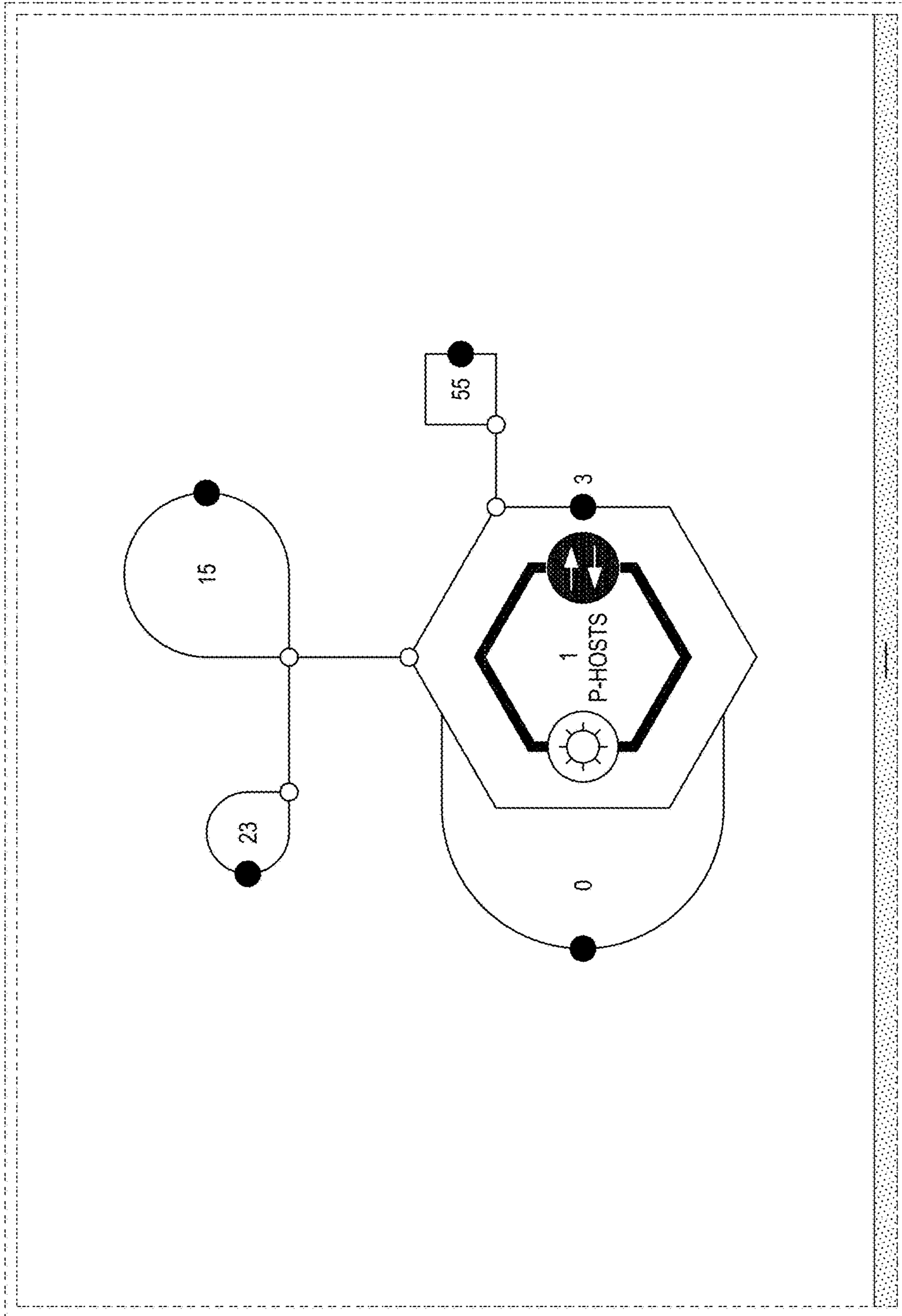


FIG. 24

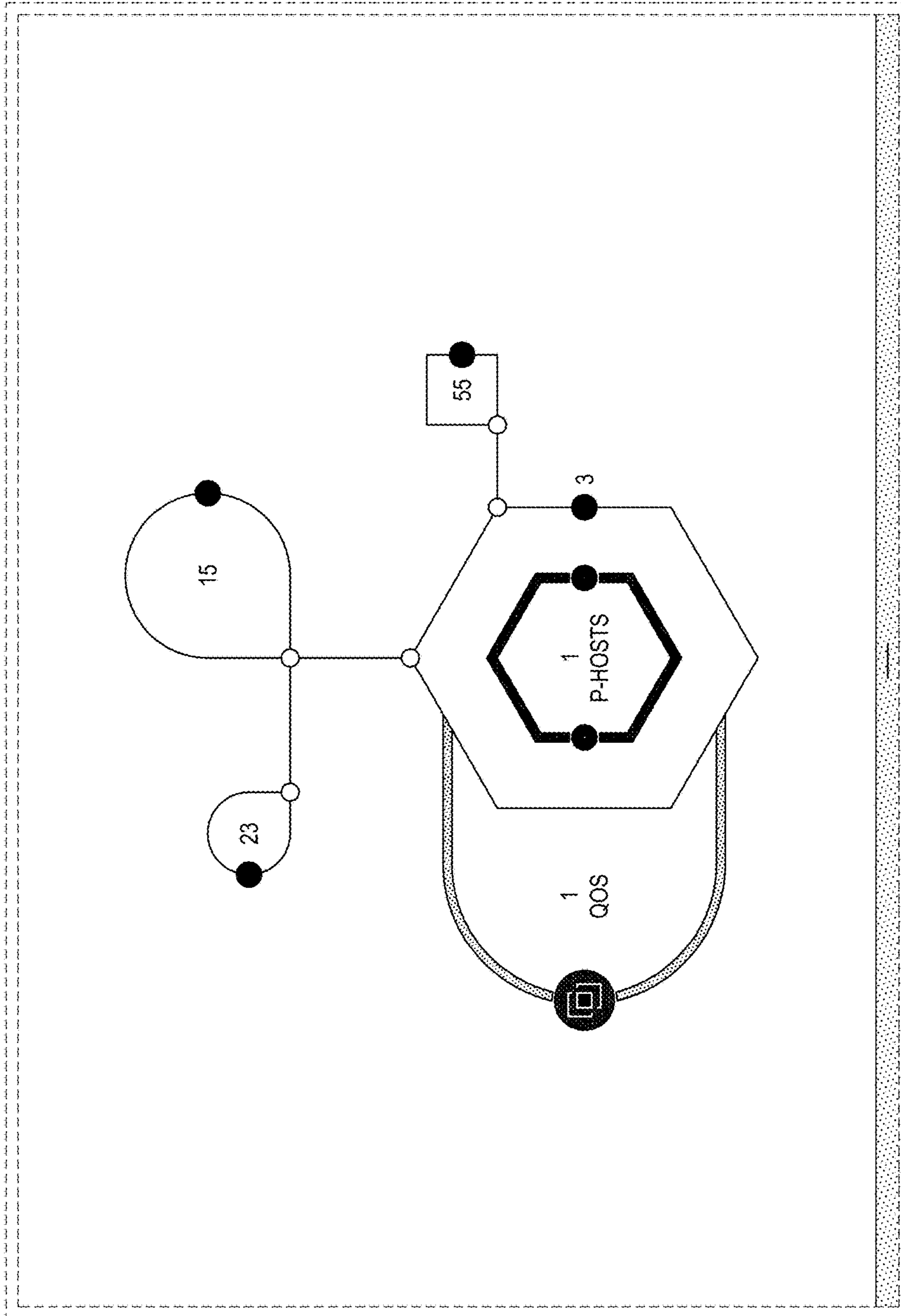


FIG. 25

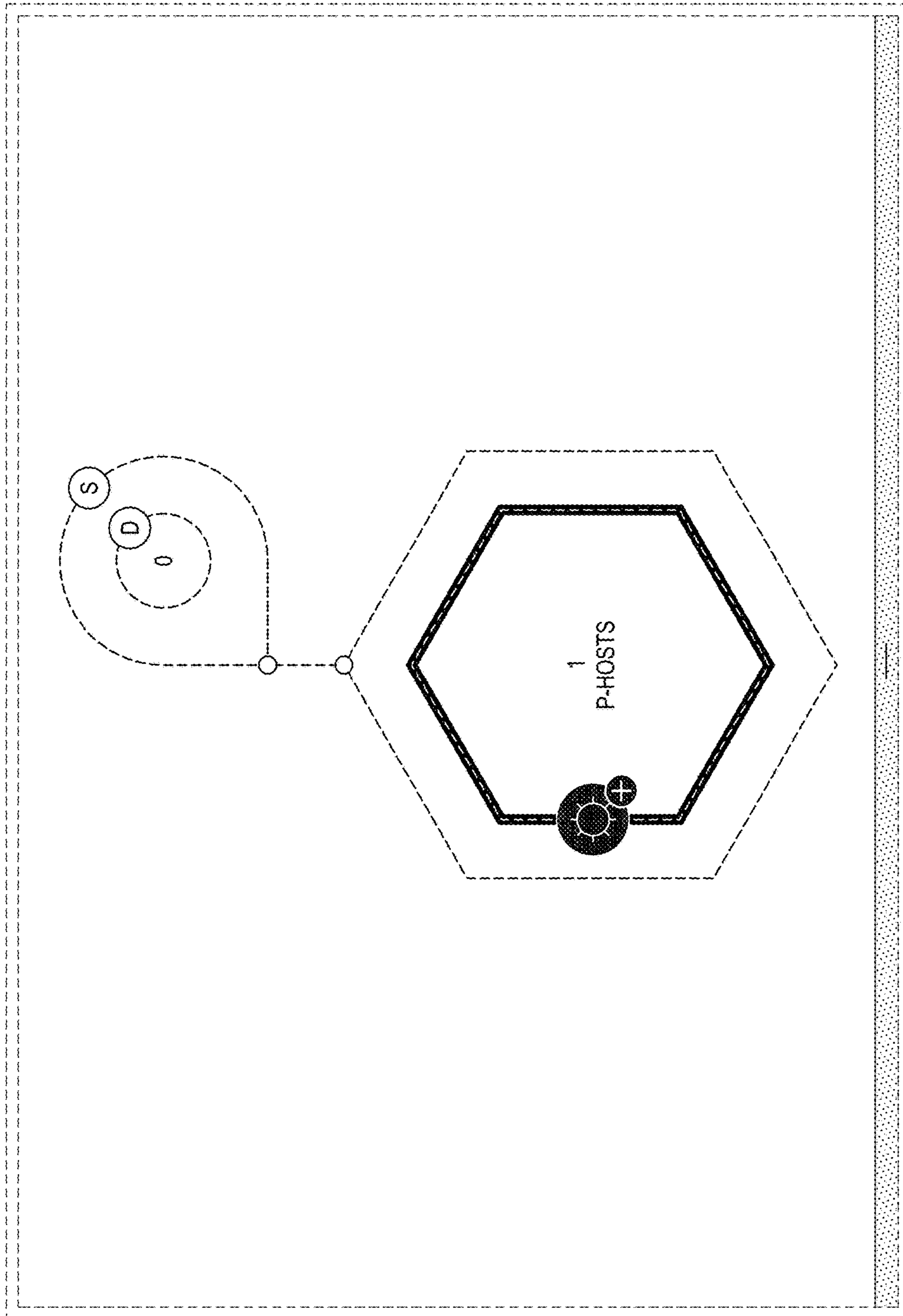


FIG. 26

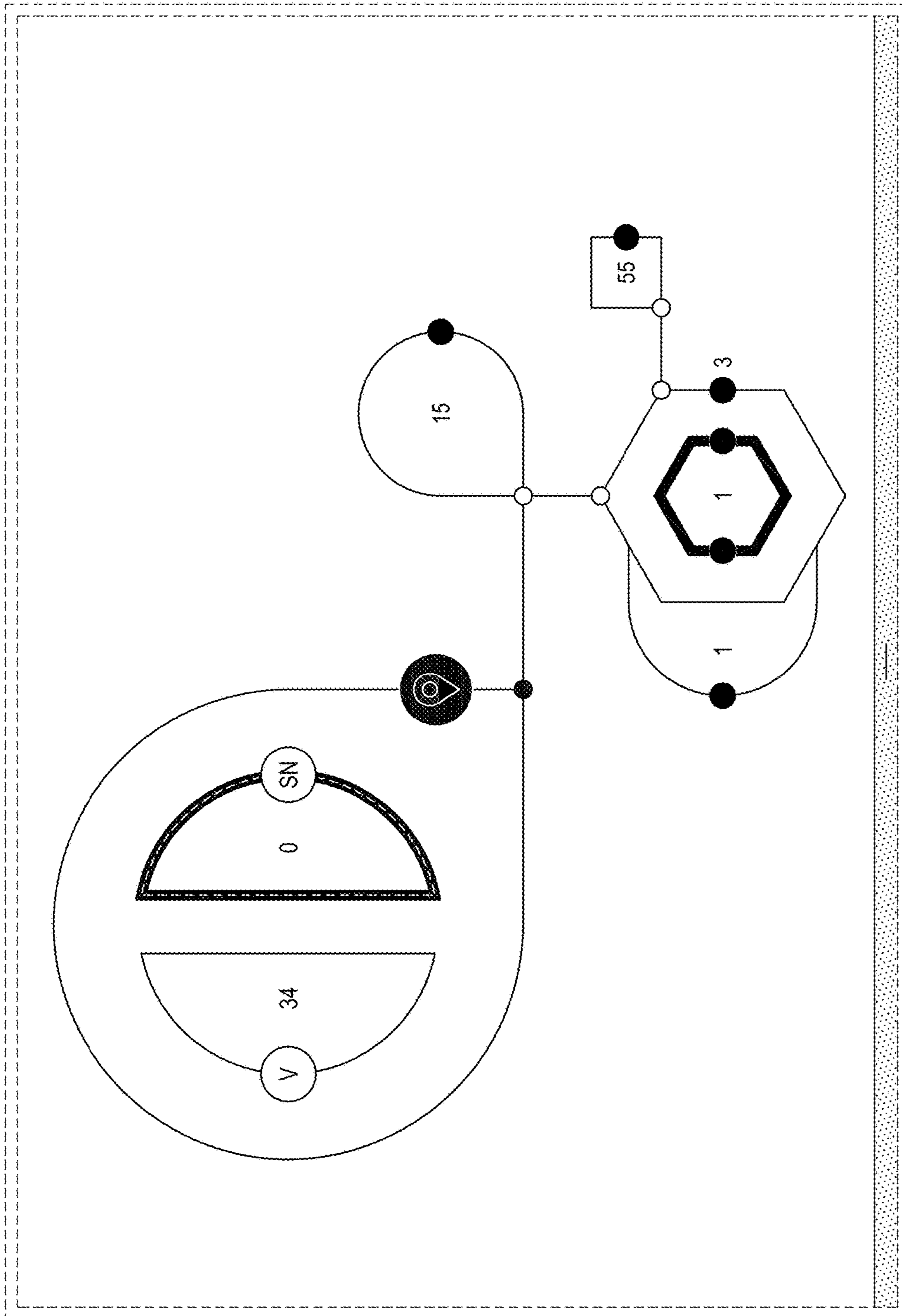


FIG. 27

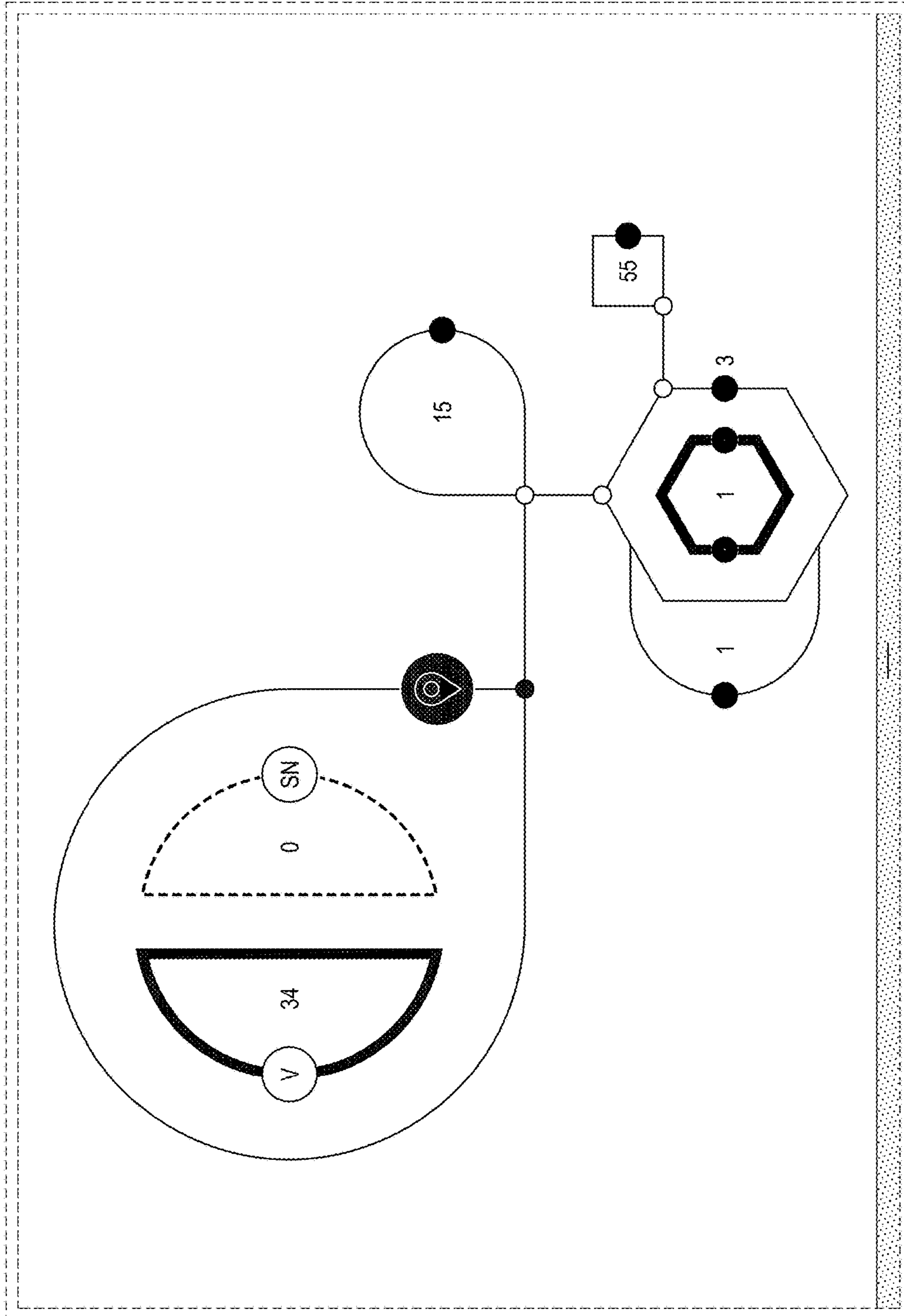


FIG. 28

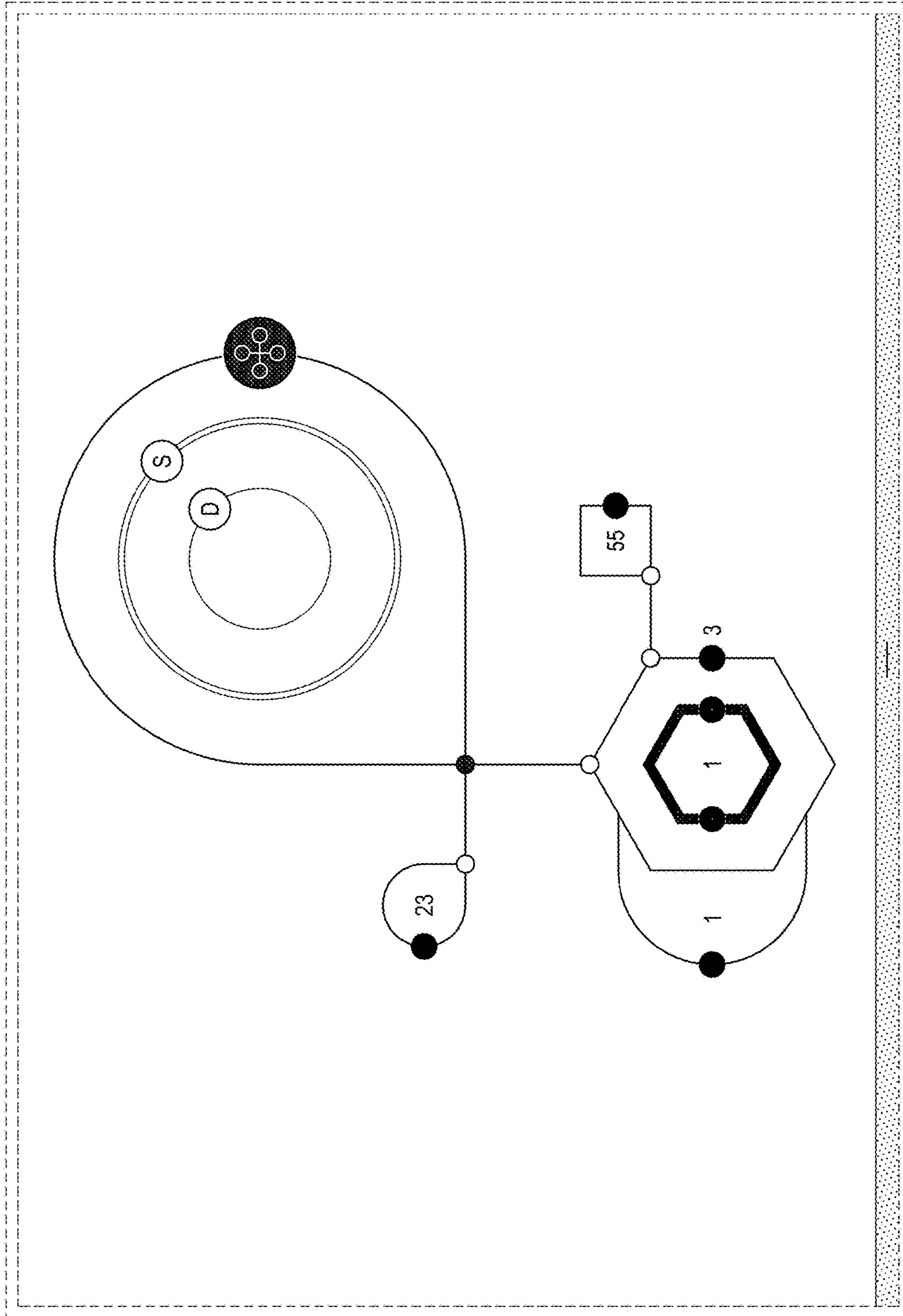


FIG. 29

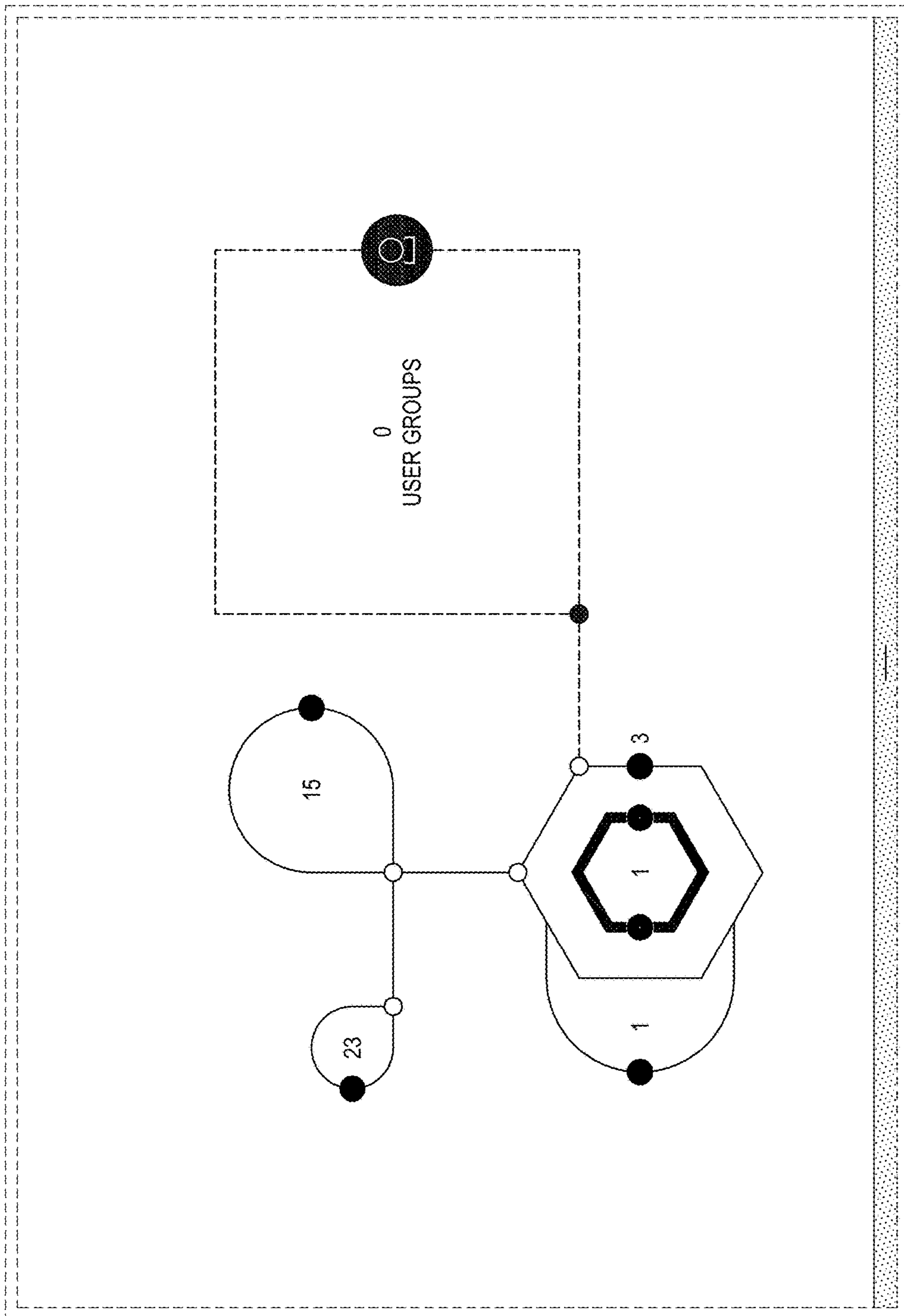


FIG. 30

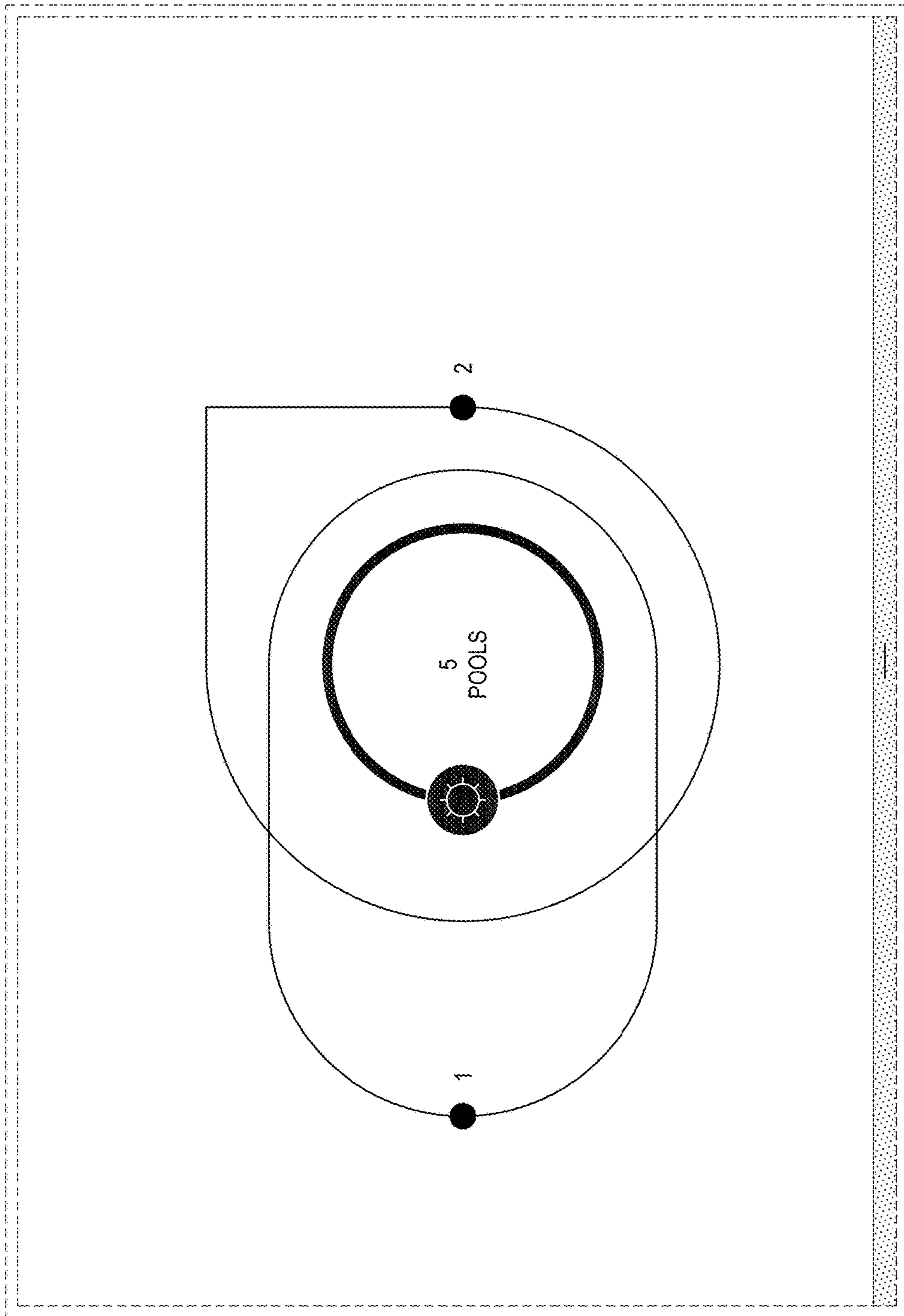


FIG. 31

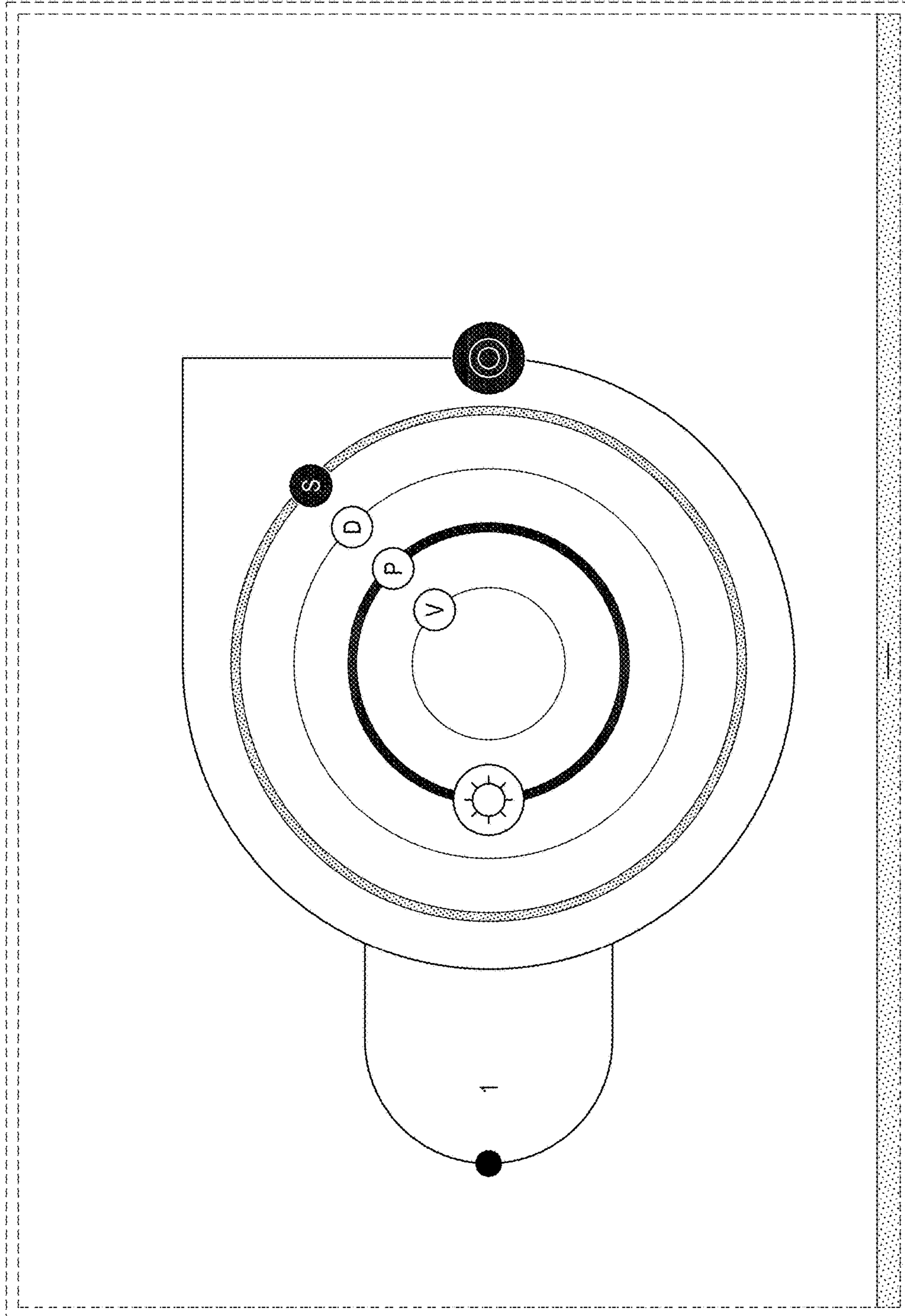


FIG. 32

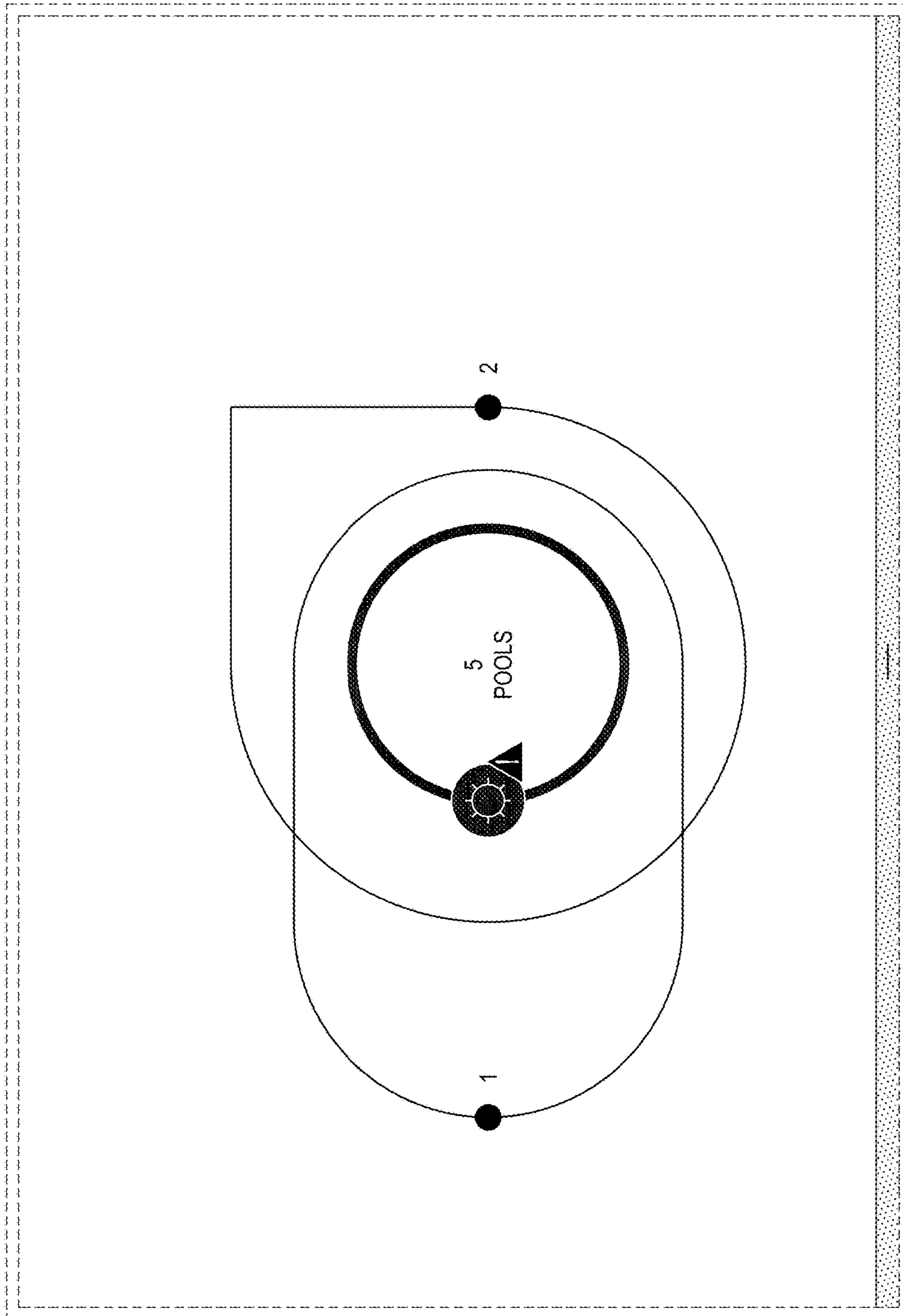


FIG. 33

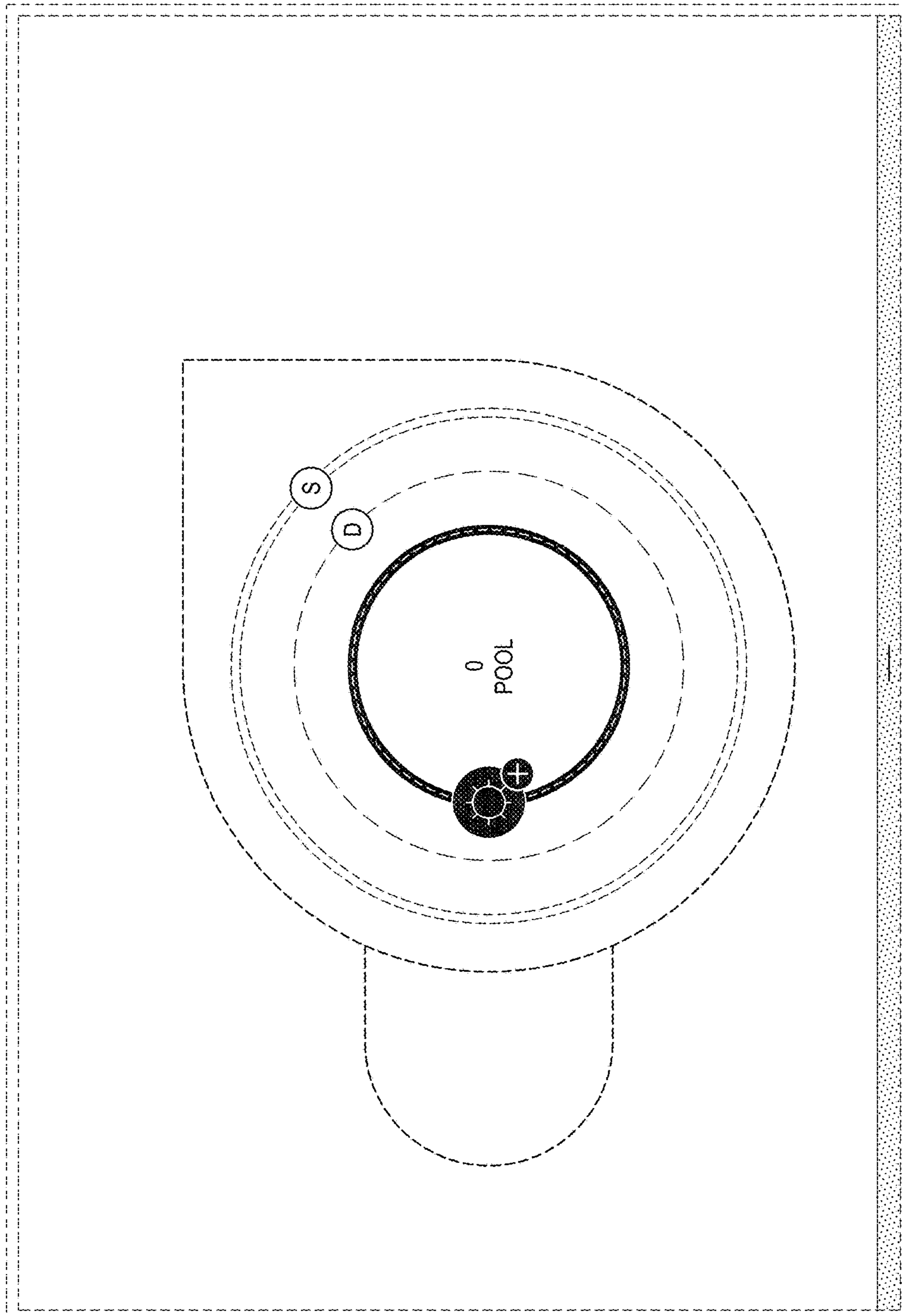


FIG. 34

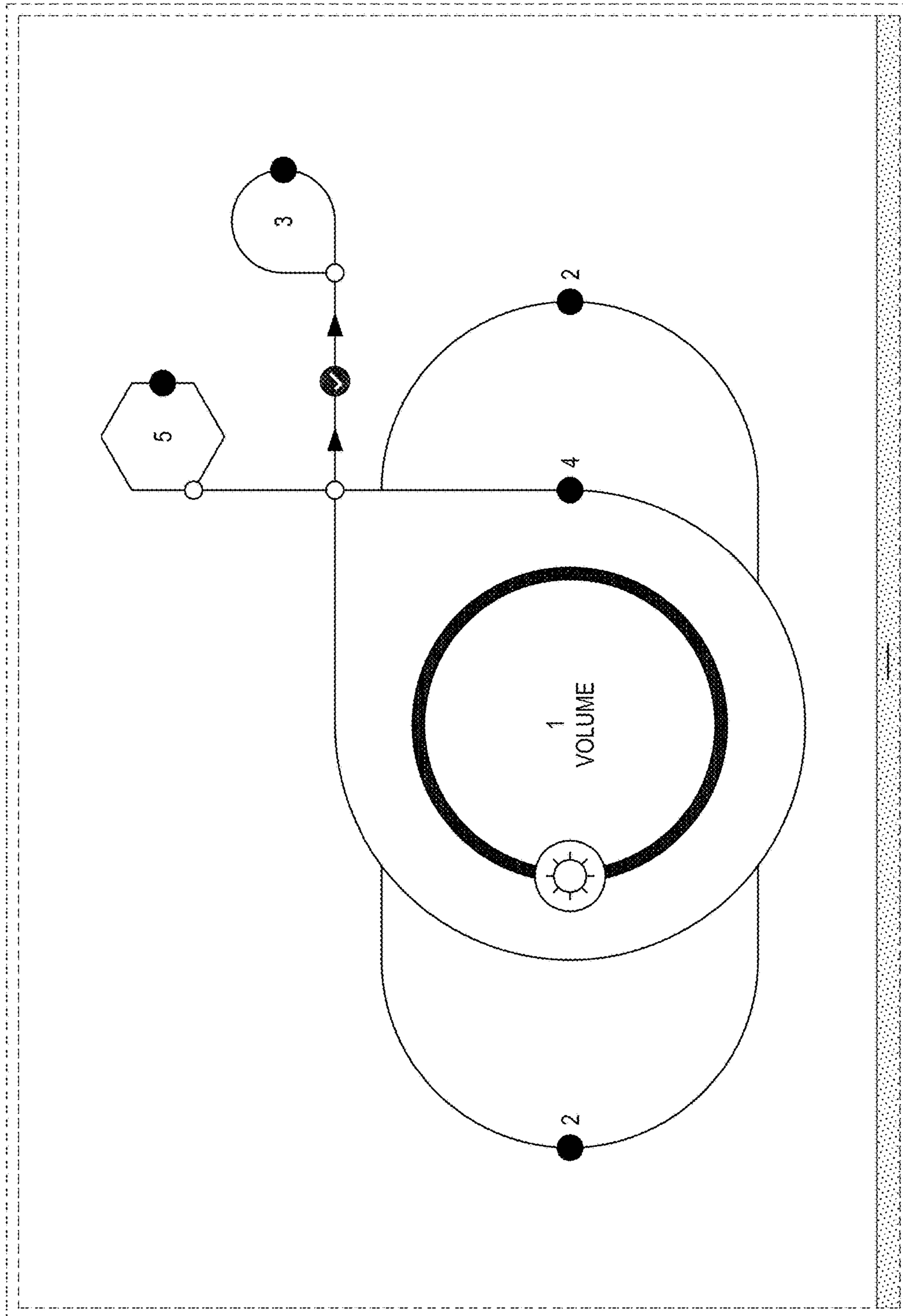


FIG. 35

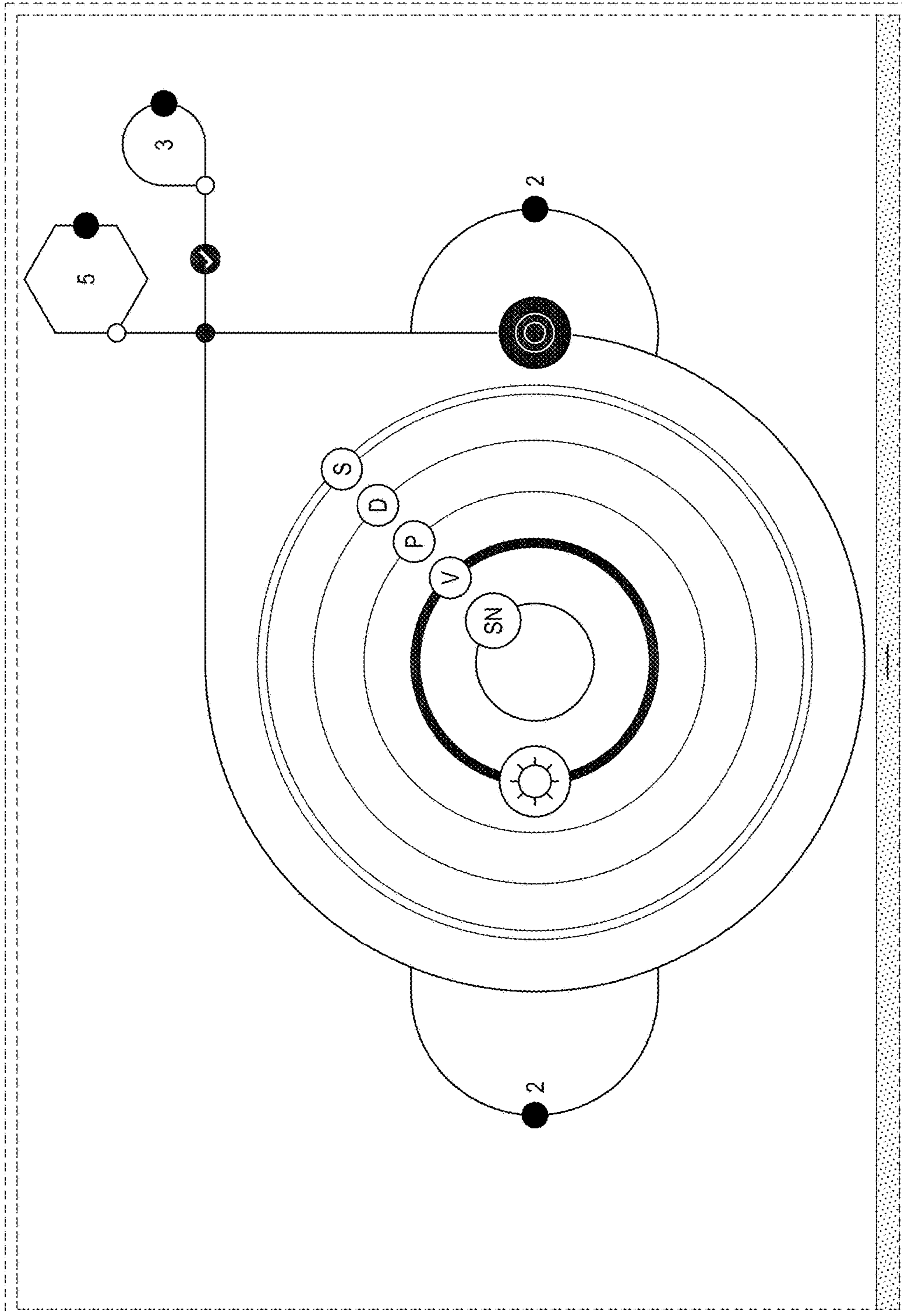


FIG. 36

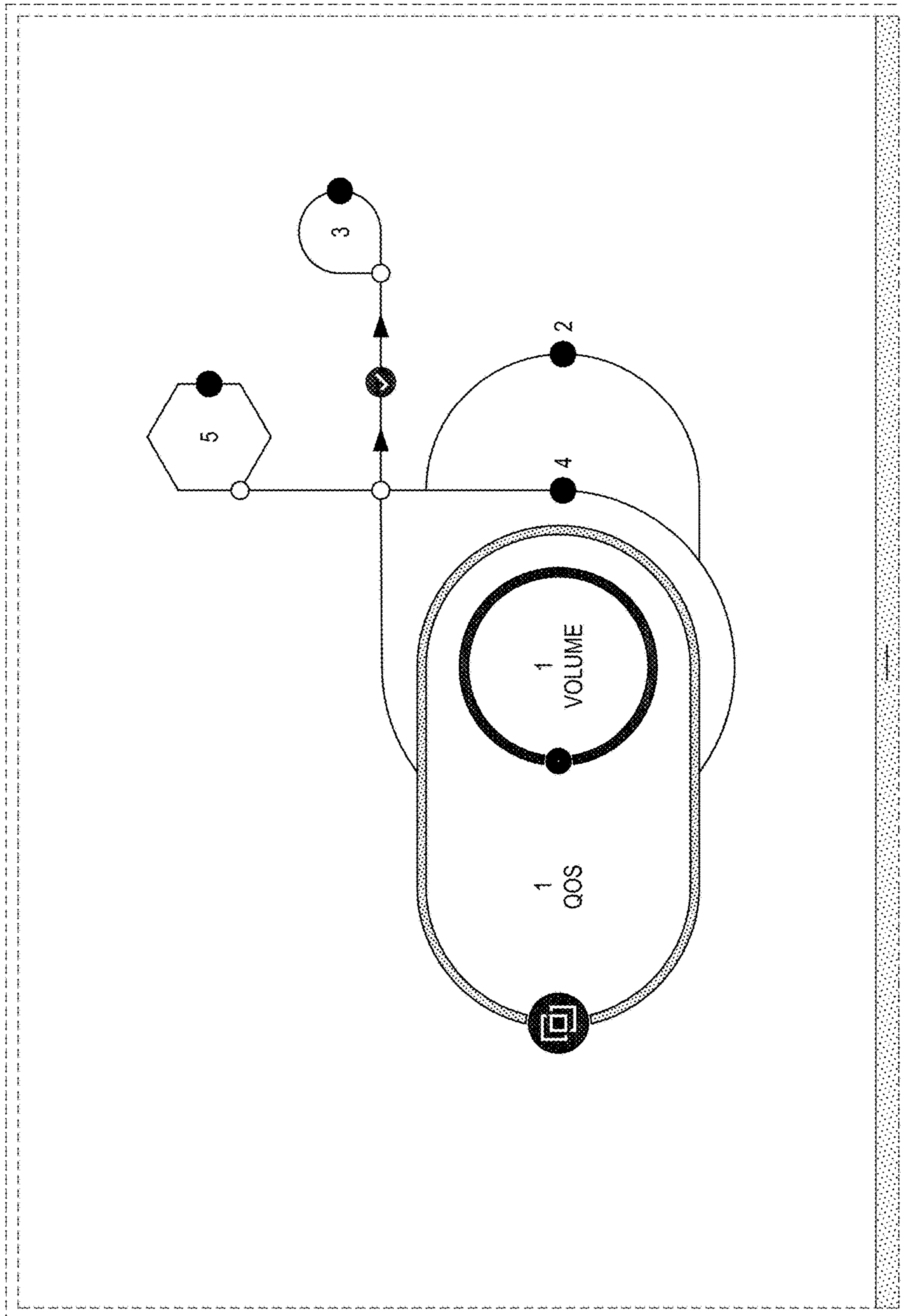


FIG. 38

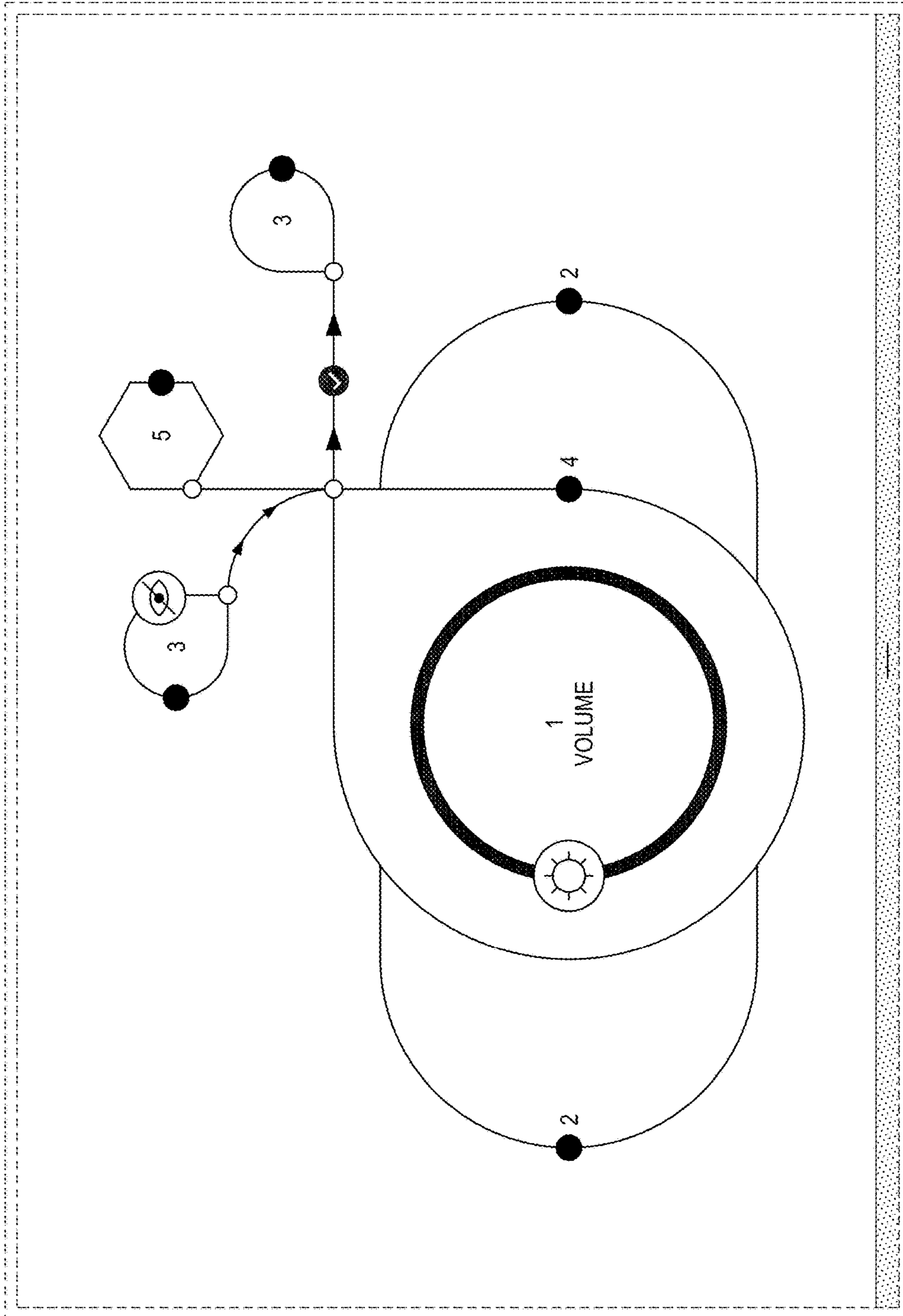


FIG. 39

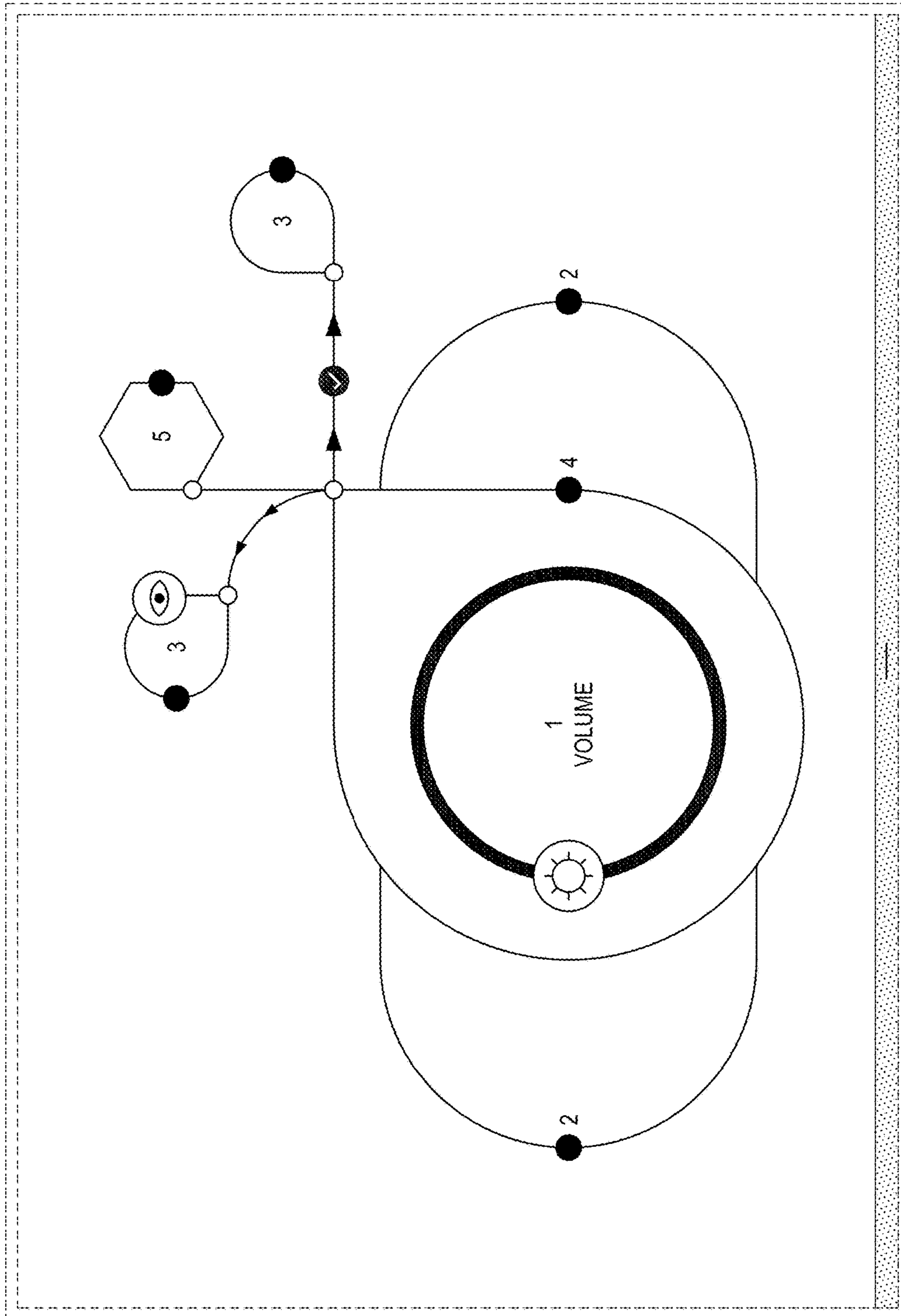


FIG. 40

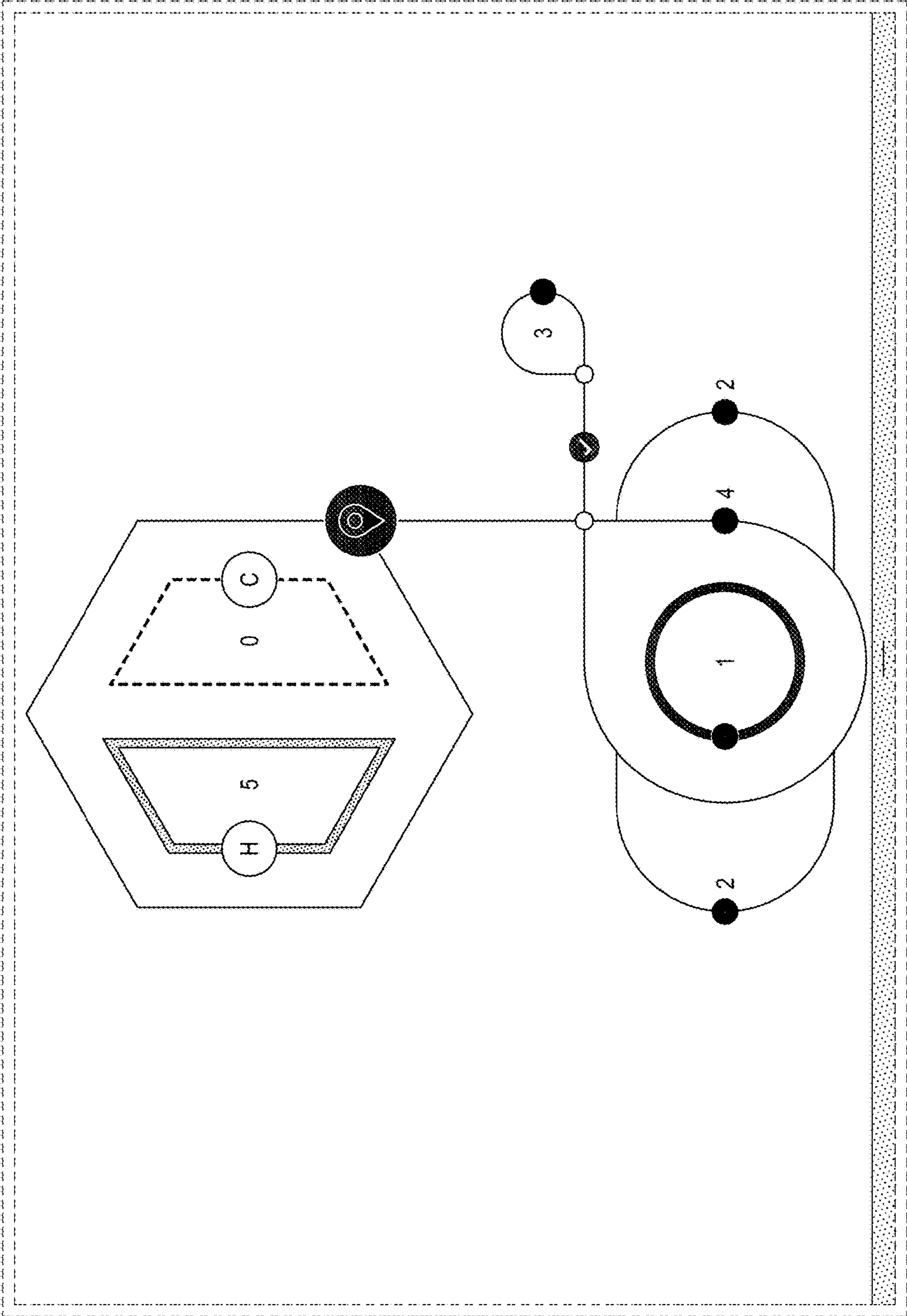


FIG. 41

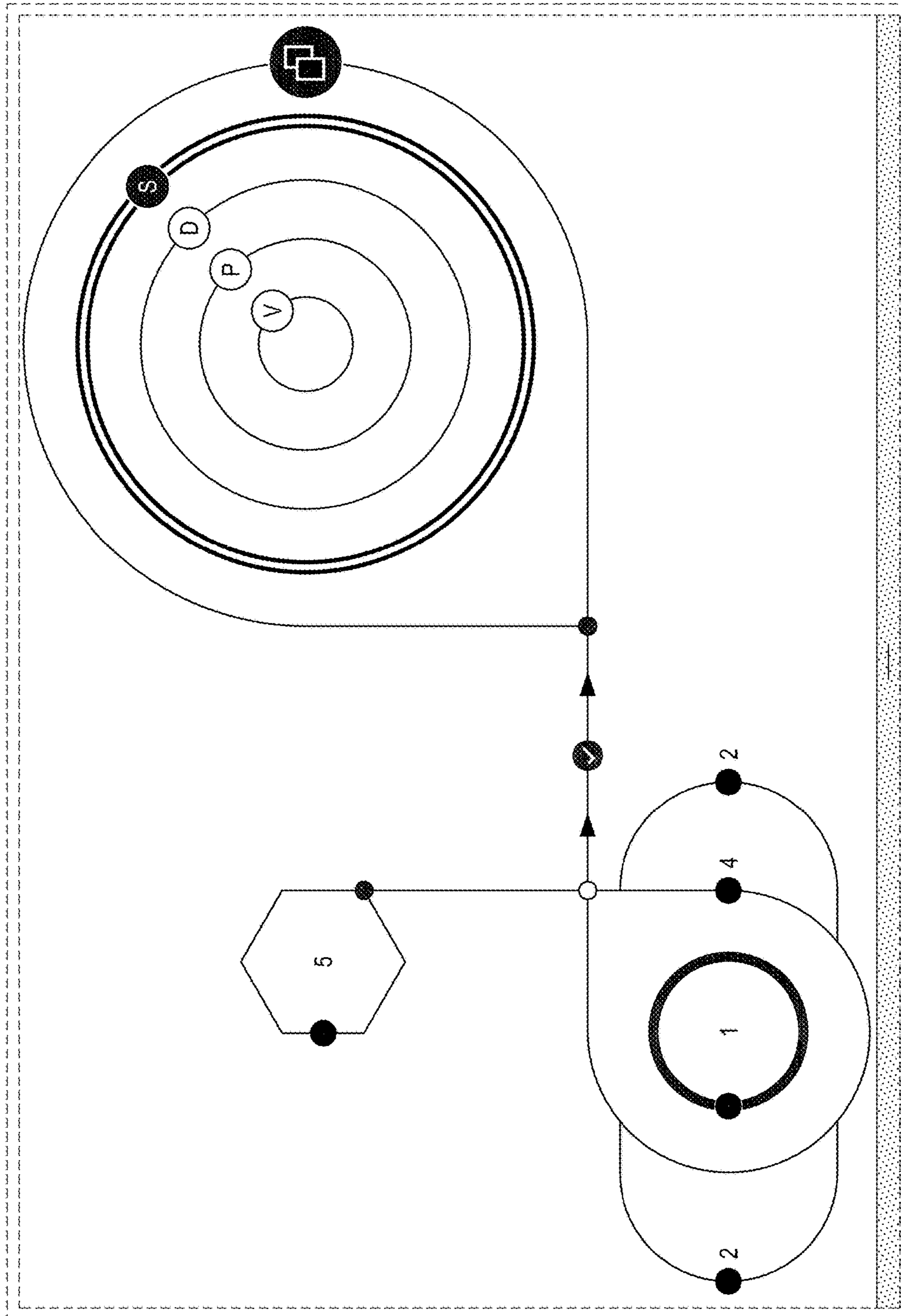


FIG. 42