gether, whereby a pouch is formed before the water is inserted and sealing it to form a water-tight container.

6. A method of sampling water, comprising the steps of:

causing the water to flow from an inlet port and an outlet port;

periodically taking samples of the water;

pulling a web from a reel at a time related to the drawing of samples;

forming a container with an open top from the web material;

pumping at least one sample into the container;

sealing the container; and

storing the container in a housing, wherein a larger number of samples may be taken and stored in the housing before being taken to a laboratory for testing than if the containers were rigid.

7. A method in accordance with claim 6 in which the containers remain connected together as they are filled with a sample.

8. A method according to claim 7 in which the web material out of which the container is formed has identification printed upon it.

9. A method according to claim 8 in which the identification includes the time of taking the sample.

10. A method in accordance with claim 9 in which the identification on the container includes the location from which the sample was taken.

11. A method in accordance with claim 10 in which the amount of the sample is controlled and the size of the container controlled so that the volume of the container corresponds with that of the sample.

12. A method of sampling water, comprising the steps of:

causing the water to flow from an inlet port and an outlet port;

periodically taking samples of the water;

moving flexible containers and the outlet port with respect to each other one by one into a filling position;

pumping at least one sample into at least some of the flexible containers;

sealing the flexible containers;

accumulating filled containers in a housing; and

taking a large number of the accumulated filled containers to a laboratory to test the samples.

13. A method in accordance with claim 12 in which the containers remain connected together as they are filled with a sample.

14. A method according to claim 13 in which the web material out of which the container is formed has identification printed upon it.

15. A method according to claim 14 in which the identification includes the time of taking the sample.

16. A method in accordance with claim 15 in which the identification on the container includes the location, from which the sample was taken.

17. A method in accordance with claim 16 in which the amount of the sample is controlled and the size of the container controlled so that the volume of the container corresponds with that of the sample.

18. A sampler, comprising:

an inlet port adapted to communicate with a source of water and an outlet port positioned so that water flows from the inlet port to the outlet port;

means for pumping fluid through the inlet port for collection;

means for initiating movement of a web of packaging material;

means for folding the web of packaging material and sealing it to form a pouch;

means for causing water from the inlet port to flow from the outlet port into the pouch;

means for sealing the pouch; and

programmable means for controlling the pumping means and means for initiating movement of a web so that a sample is drawn and inserted into the pouch at programmed increments of the flow of water past a point in the source of water as indicated by a flow meter.

19. A sampler, comprising:

an inlet port adapted to communicate with a source of water and an outlet port positioned so that water flows from the inlet port to the outlet port;

means for pumping fluid through the inlet port for collection;

means for initiating movement of a web of packaging material;

means for folding the web of packaging material and sealing it to form a pouch;

means for causing water from the inlet port to flow from the outlet port into the pouch;

means for sealing the pouch; and

programmable means for controlling the pumping means and means for initiating movement of a web so that a sample is drawn and inserted into the pouch at programmed time periods.

20. A sampler, comprising:

an inlet port adapted to communicate with a source of water and an outlet port positioned so that water flows from the inlet port to the outlet port;

means for pumping fluid through the inlet port for collection;

means for initiating movement of a web of packaging material;

means for folding the web of packaging material and sealing it to form a pouch;

means for causing water from the inlet port to flow from the outlet port into the pouch;

means for sealing the pouch; and

programmable means for controlling the pumping means and means for initiating movement of a web so that a sample is drawn and inserted into the pouch at programmed water levels of the source of water as indicated by a water level sensor.

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