

turntable means adapted to support a plurality of containers thereon,
 means associated with said reservoir for automatically discharging a predetermined volume of rainwater from said reservoir into a preselected container on said turntable means, 5
 means to actuate said turntable means to index a successive container to be filled into operative relation with said reservoir when said preselected container has received said predetermined volume of rainwater, 10
 means for deactivating said turntable indexing means when all of the containers on said turntable have been filled, and
 means for thereafter diverting incoming rainwater from said reservoir to an overflow container. 15

5. The rainwater collector of claim 4, said automatic discharge means comprising timer means for timing the flow of rainwater into said reservoir over a preselected time interval and valve means associated with said timer means, said timer means actuating said valve means after said preselected time interval, to discharge the rainwater from said reservoir into said preselected container. 20

6. A rainwater collector for automating the collection of successive rainwater samples which comprises rainwater collecting means, 25
 a reservoir in fluid communication with said rainwater collecting means,
 turntable means adapted to support a plurality of containers therein, 30
 a liquid level sensor for said reservoir and valve means associated with said liquid level sensor, said liquid level sensor actuating said valve means when said reservoir is filled with rainwater to a predetermined level to discharge the rainwater from said reservoir into a preselected container on said turntable means, and 35
 means to actuate said turntable means to index a successive container to be filled into operative relation with said reservoir when said preselected container has received said predetermined volume of rainwater. 40

7. A rainwater collector for automating the collection of successive rainwater samples which comprises rainwater collecting means, 45

a reservoir in fluid communication with said rainwater collecting means,
 turntable means adapted to support a plurality of containers thereon,
 means associated with said reservoir for automatically discharging a predetermined volume of rainwater from said reservoir into a preselected container on said turntable means,
 means to actuate said turntable means to index a successive container to be filled into operative relation with said reservoir when said preselected container has received said predetermined volume of rainwater,
 said means for automatically discharging a predetermined volume of rainwater from said reservoir including,
 a first valve means,
 a second valve means,
 means for actuating said first valve means when said predetermined volume of rainwater has been collected in said reservoir to open and fill a first container at a fill station on said turntable,
 timer means for actuating said second valve means when said first valve means has been actuated, to open and fill a second smaller container at said fill station on said turntable,
 said timer means closing said second valve means after a pre-set time interval, and said means for actuating said first valve means closing same after a longer pre-set time interval, and
 means for sensing the closing of said first valve means, to actuate said indexing means to index successive first and second containers for advancement to said fill station.

8. The rainwater collector of claim 7 including a timer means to monitor collection of said predetermined volume of rainwater in said reservoir, and means associated with said last-mentioned timer means to actuate said first valve means.

9. The rainwater collector of claim 7 including a rack on said turntable adapted to support a plurality of said first containers in a circle adjacent the outer periphery of said turntable and a plurality of said second smaller containers in a concentric circle adjacent said first containers.

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