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# United States Patent [19]

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Kawanami et al.

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- [54] **FIRST STAGE RAINFALL SAMPLER**
- [75] Inventors: **Shigeharu Kawanami; Hiroshi Nagai**,  
both of Kyoto, Japan
- [73] Assignees: **Horiba, Ltd.; Shigeharu Kawanami**,  
both of Kyoto, Japan
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**73/170.17; 73/170.23; 73/863.56; 73/863.01**
- [58] Field of Search ..... **73/170.16, 170.17, 863.01,**  
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**864.31, 864.33, 170.23**

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*Primary Examiner*—Hezron E. Williams  
*Assistant Examiner*—Daniel S. Larkin  
*Attorney, Agent, or Firm*—Price, Gess & Ubell

### [57] ABSTRACT

A first stage rainfall sampler, which is capable of automatically sampling rainfall step by step without requiring a motive power.

A plurality of sampling containers are swingably and detachably hung down from the circumference of a tumbler which is supported so as to revolve within a vertical plane, at intervals so as to correspond to an outlet port of a funnel in turn. The tumbler is provided with a weight for variably forming a balanced condition between it and rainfall contained by the sampling containers.

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**14 Claims, 10 Drawing Sheets**

