

[54] SIMULATION AND MEASUREMENT APPARATUS

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[22] Filed: Sept. 1, 1971

[57] ABSTRACT

[21] Appl. No.: 177,146

Apparatus for simulating solar radiation on a specimen at an exposure station and then transporting the specimen to a measurement station for determination of the optical properties of the specimen is described. Means are provided for transporting the specimen between stations, placing separate specimens in position for optical measurements, measuring temperature of the specimens, and controlling temperature of the specimens. Further, there is provided an improved optical integrating sphere for absolute measurements of specimen reflectivity.

Related U.S. Application Data

[62] Division of Ser. No. 843,944, July 23, 1969, abandoned.

[52] U.S. Cl. 73/432 SD, 356/244

[51] Int. Cl. G01n 1/00, G01n 21/48

[58] Field of Search..... 73/150, 159, 432 SD; 250/52, 53; 356/244

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UNITED STATES PATENTS

5 Claims, 11 Drawing Figures

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