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# United States Patent [19] Minsky

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[54] **METHOD OF MEASURING BODY MEASUREMENTS FOR CUSTOM APPAREL MANUFACTURING**

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### Related U.S. Application Data

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[52] **U.S. Cl.** ..... **396/3**; 33/15; 364/470.06

[58] **Field of Search** ..... 396/1, 2, 3; 33/2 R, 33/3 A, 3 B, 3 C, 11, 15, 17 R, 755, 758, 759, 760, 764, 768, 770, 511, 512, 194, 832; 364/470.01, 470.03, 470.06; 702/155; 177/5

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### [57] ABSTRACT

A tailoring system and apparatus for tailoring clothing wherein body measurements are photographically recorded for computer data entry from special form fitting articles of clothing to which disposable strips of tape measures are temporarily adhesively affixed. The customer wears a body suit consisting of a top, a sleeve, and a leg leotard to which the disposable measuring tapes are attached around predetermined circumferential portions. The measuring tapes are attached by small pieces of a double sided adhesive tape that do not stick to the body suit when the measuring tapes are removed. The customer then stands on an elevated platform in the corner of a specially designed room and vertical tape measures are positioned in a predetermined location. The room has a camera embedded in the wall facing the customer and another camera embedded in a wall facing one side of the customer. The walls facing the cameras are imprinted with a grid that indicates height and width dimensions. The cameras are triggered simultaneously. Afterward, the customer removes and disposes of the strips of measuring tape. The resulting front view and side view photographs are then either physically or electronically conveyed to an expert at a clothing manufacturing facility who inputs a predetermined set of sizing data to an integrated computer that controls the operation of machinery for the cutting, sewing, and other processes involved in the fabrication of a custom fitted article of clothing for the customer.

**13 Claims, 8 Drawing Sheets**

