

## UNITED STATES PATENT AND TRADEMARK OFFICE

Defensive Publication applications have not been examined as to the merits of alleged invention. The Patent and Trademark Office makes no assertion as to the novelty of the disclosed subject matter.

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T951.010

## YARN BEAMING PROCESS

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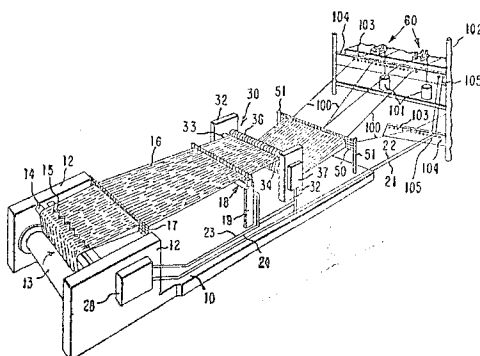
Richmond, Va. 23225

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Int. Cl.<sup>2</sup> D02H 13/08

U.S. Cl. 28—72,5

1 Sheet Drawing. 9 Pages Specification



Yarn beaming speeds are limited by the need to brake the beam and the warp sheet of threads being wound on the beam when a defect in the warp sheet is encountered to prevent slack from forming in the warp sheet or a defect from being wound onto the beam. It has been discovered that beaming speeds can be increased above former levels by the use of yarn driven rolls between the beamer and the yarn supply creel. Whenever the beam is stopped, the yarn driven idler rolls are braked to a substantially instantaneous stop. The friction of the yarn on the surface of the idler rolls brakes the forward movement of the warp sheet.

Oct. 5, 1976

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PROCESS  
Original Filed Nov. 24, 1975

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FIG. 1

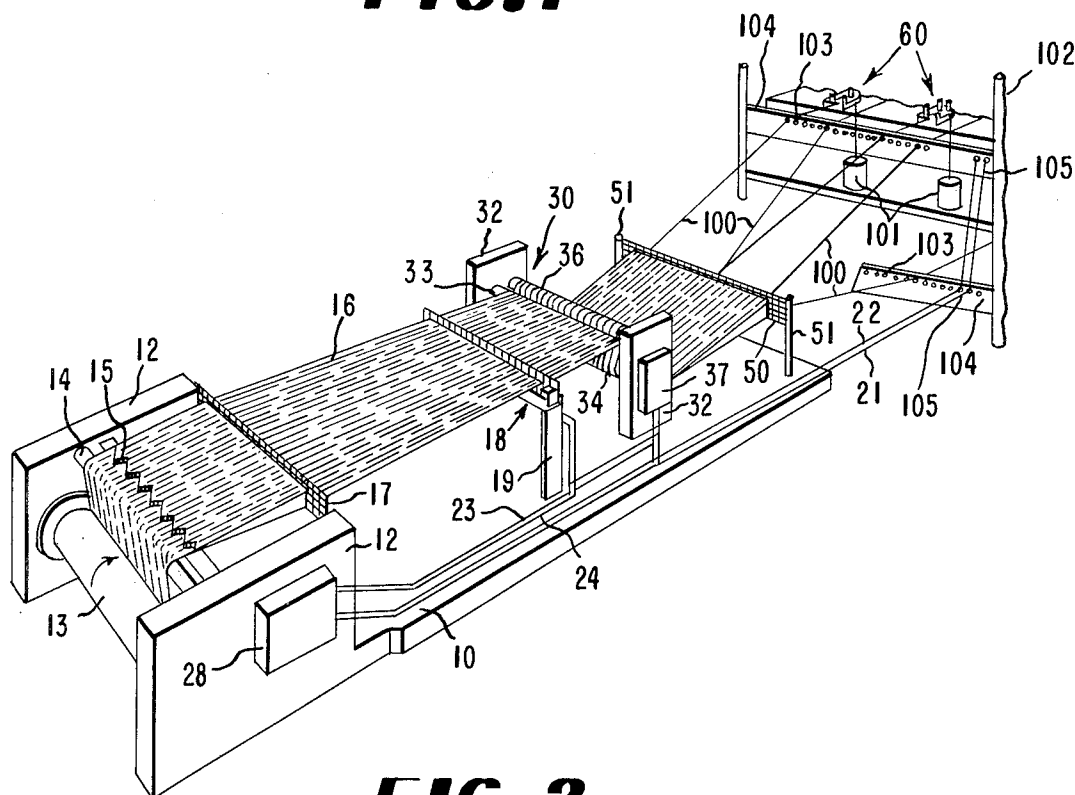


FIG. 2

