Aug. 27, 1935. W. HOLT 2,012,719

TERRY TOWEL

Filed Oct. 30, 1933

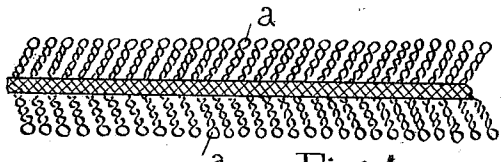


Fig.1.

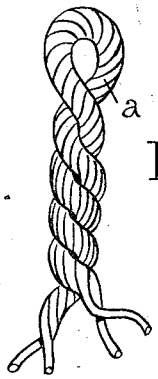


Fig.2.

INVENTOR

William Holt.

by Howard O'Brien

atty.

Patented Aug. 27, 1935 2,012,719

UNITED STATES PATENT OFFICE

2,012,719

TERRY TOWEL

William Holt, Bury, England

Application October 30, 1933, Serial No. 695,879
In Great Britain November 17, 1932

1 Claim. (Cl. 139—396)

This invention relates to towels of the terry type woven from two terry warps and having terry loops of warp yarn on both sides and is designed to provide a terry towel fabric with a hard rough friction surface on both sides.

According to the invention the terry towel is woven from terry warps all the yarns of which are twisted with many turns per inch more than given to ordinary terry warp threads such as to cause the terry loops when woven in each to twist itself into a snarl forming series of snarls over the entire surface on both sides of the towel.

In carrying out the invention the towel is woven on a terry loom of known construction with the terry warps on one or more beams and ground warps on a separate beam.

The invention will be described with reference to the accompanying drawing:—

Fig. 1 is an enlarged sectional diagram.

Fig. 2 is a greatly enlarged view of one of the terry loops *a*.

For the purpose of the invention the terry warps from which the towel is to be woven are two or more fold doubled yarn, the yarn in the course of manufacture before doubling being more highly twisted than ordinary yarn of the same counts say double or treble the number of turns per inch and on doubling are again similarly, more tightly twisted than ordinary terry warp of the same counts with two or three times the number of turns per inch.

As an example the yarn may be say 20's counts i. e. 20 hanks of 840 yds. of the yarn weigh one pound but whereas the ordinary yarn has 17 turns per inch, the yarn employed will have 30 to 40 turns per inch or upwards in the spinning and in doubling instead of say six turns per inch the finished warps will have say 12 to 18 turns per inch in the doubling.

Yarn of 30's counts i. e. 30 hanks of the yarn weigh one pound which ordinarily will be spun with 20 turns per inch will be spun with about 40 turns per inch and doubled with about 12 to 18 turns per inch.

The twist must be so excessive over what is ordinarily employed for the same counts of yarn that when woven and the tension removed each loop will twist itself into a snarl *a* the product then being a terry towel having a series of twisted snarled loops *a* over the entire surface on both sides giving two hard rough friction surfaces.

What I claim as my invention and desire to protect by Letters Patent is:—

A terry towel having a rough pile face on both sides comprised of a plurality of hard snarled terry loops standing out from the surface of highly twisted doubled warp yarn interwoven with binder warp and weft yarns giving two hard rough friction surfaces to the towel, the yarns comprising the terry loops being of 20's to 30's counts all the terry yarns having 30 to 40 turns per inch in the spinning and 12 to 18 turns per inch in the doubling.

WILLIAM HOLT.