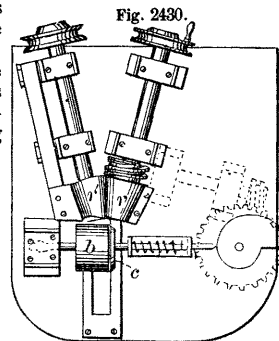


Hat-felting. A mode of forming hats by placing a disk of felting material between surfaces which by a rubbing and drawing action felt the fibers and cause the hat to gradually assume the required shape. In the example, the circular piece of felting material is placed between the disk *c* and block *b*, its outer portion being embraced between the conical rollers *r r'*. The parts being set in motion, the block is gradually slipped along its axis, causing the felt to assume the shape of the sides of the block. When the latter has been moved a distance equal to its length, the hat is formed, the remainder of it that is between the manipulators *r r'* constituting the brim.



Hat-Felting Machine.