imparting motion to said supplemental disks, substantially as described. 2nd. In a printing press, a main circumferentially-adjustable and normally stationary ink-distributing plate or disk 2, provided with revoluble supplemental disks 6, for printing blended colors, substantially as described. 3rd. In a printing press, a main normally-stationary ink-distributing plate or disk 2, provided with an elongated chamber 3, having rounded ends 4, and with supplemental disks 6, having gear wheels 5, on their under surfaces, substantially as and for the purpose described. 4th. In a printing press, a main normally-stationary ink-distributing plate or disk 2, provided with an elongated chamber 3, having rounded ends 4, and circular depressions or recesses 7, near its upper surface in combination with supplemental disks 6, having revoluble gear wheels 5, on their under surfaces, substantially as and for the purpose described. 5th. In a printing press, a main normally-stationary ink-distributing plate or disk 2, provided with an elongated chamber 3, having rounded ends 4, and circular depressions or recesses 7, near its upper surface, in combination with supplemental disks 6, having revoluble gear-wheels 5, on their under surfaces, and means 17, 18, 19, for adjusting said main plate or disk circumferentially, substantially as and for the purpose described. 6th. In a printing press, a main normally-stationary ink-distributing plate or disk 2, having short journal boxes 13, on its under surface and an elongated chamber 3, in combination with supplemental disks 6, having revoluble gear-wheels 5, on their under surfaces, and also short journals 14, mounted in said boxes, substantially as described. 7th. In a printing press, a main ink-distributing plate or disk 2, provided with short journal-boxes 13, on its under surface, with an elongated chamber 3, and with a central tubular depending journal 8, in combination with supplemental disks 6, having short journals 14, and gear-wheels 5, on their under surfaces, and the short vertical shafts 10, provided with gear-wheels 12, 11, at its upper and lower ends, substantially as described. 8th. In a printing press, a main adjustable ink-distributing plate or disk 2, provided with short journal-boxes 13, on its under surface, with an elongated chamber 3, and with a central tubular depending journal 8, in combination with supplemental disks 6, having short journals 14, and gear-wheels 5, on their under surfaces, and the short vertical shaft 10, provided with gear-wheels 12, 11, at its upper and lower ends, substantially as described. 9th. In a printing press, a main ink-distributing plate or disk 2, provided with revoluble supplemental disks 6, and formed with screw threaded apertures 19^1, in its under surface and near its outer edge or rim, in combination with an adjustable bar 17, formed with a slotted upper end 18, and a thumb-screw 19, passing through said slotted end and into said screw-threaded apertures, substantially as described. 10th. In a printing press, a main ink-distributing plate or disk 2, provided with revoluble supplemental disks 6, and a central tubular depending journal 8, in combination with a short vertical shaft 10, provided with gear-wheels 12, 11, at its upper and lower ends, and means 15, 16, for connecting and disconnecting said tubular journal and shaft, substantially as described. 11th. In a printing press, a main ink-distributing plate or disk 2, provided with revoluble supplemental disks 6, and a central tubular depending journal 8, in combination with a short vertical shaft 10, provided with gear-wheels 12, 11, at its upper and lower ends, and means for connecting and disconnecting said tubular journal and shaft, said means consisting of holes 15, formed in said journal and shaft and the removable bolt or pin 16, substantially as described. 12th. In a printing press, a main ink-distributing plate or disk 2, provided with an elongated chamber 3, with circular recesses 7, near its upper surface, with short depending journal-boxes 13, and with screw-threaded apertures 19^1, in its under surface near its edge or rim, in combination with the supplemental disks 6, having gear-wheels 15, and journals 14, on their under surfaces, a central gear-wheel 12, meshing with the gear-wheels just named, a short vertical shaft 10, provided with said gear-wheel and having on its lower end another gear-wheel 11, which is suitably operated, and adjustable bar 17, formed with a slotted upper end 18, and a thumb-screw 19, passing through said slotted end and into said screw-threaded apertures, substantially as described.

No. 38,198. Mitring Machine. *(Machine à onglet.)*

Solomon Phillips, assignee of Peter Phillips, both of the Town of Toronto Junction, Ontario, Canada, 3rd February, 1892; 5 years.

Claim.—1st. A circular saw suitably journaled on the end of two parallel rods, supported by and longitudinally adjustable in a revolvable frame, carried by a frame revolvable at right angles to the frame supporting the parallel rods, in combination with means for holding the revolvable frames at such angles as they may be independently set, substantially as and for the purpose specified. 2nd. A circular saw suitable journaled on the end of two parallel rods, supported by and longitudinally adjustable in a revolvable frame, carried by a frame revolvable at right angles to the frame supporting the rods, in combination with a wedge key operated by a treadle and arranged to lock the revolvable rod frame, substantially as and for the purpose specified. 3rd. A divided saw-table, hinged upon the face of a plate vertically and horizontally adjustable upon the frame of the machine, in combination with means for independently locking each wing of the divided table at any desired angle, substantially as and for the purpose specified.

No. 38,199. Autographic Register.

(Régistre autographique.)

The Dayton Autographic Register Company, assignees of John Bernard Thies, Christian Jacob Weinman, Edward Erasmus Euchenhofer, and Will McCoy Kinnard, all of Dayton, Ohio, U.S.A., 3rd February, 1892; 5 years.

Claim.—1st. In an autographic register, the combination with the frame, of a series of paper rolls journaled in an inclined slot therein, one above the other so that each roll will serve as a tension for the one below, substantially as shown and described. 2nd. In an autographic register, the combination with frame work having inclined slots on opposite sides to receive the paper rolls, of a series of paper rolls resting therein, one above the other and a tension roll, resting on the topmost roll, to give tension thereto, substantially as shown and described. 3rd. In an autographic register, the combination with the cutting knife operating against the paper to be cut, of two or more slotted knife-bars, arranged on the other side of said paper to receive and act as cutting edges for the knife, substantially as shown and described. 4th. In an autographic register, the combination of a series of paper rolls, writing tablet and transfer paper upon which copies are to be made, feeding mechanism to unwind said paper, reciprocating cutting knife operating upon said paper and slotted double knife bars arranged opposite said cutting knife and between which bars the paper is passed, said bars arranged to receive said knife and thus sever the sheets, substantially as shown and described. 5th. In an autographic registering apparatus in which a number of strips of paper are employed, a writing tablet and mechanism to propel the paper over said tablet, in combination with a cutting knife arranged below the paper strips and a slotted bar arranged above the paper, said bar being adapted to receive said knife and sever the paper into strips, substantially as shown and described. 6th. In an autographic register in which a number of strips of paper are employed, a writing tablet, a mechanism to propel the paper over said tablet and dividing rod to separate the sheets, in combination with a cutting knife arranged below the paper strips, and a slotted bar arranged above the paper, said bar adapted to receive said knife and to sever the paper into strips, substantially as shown and described. 7th. In an autographic registering apparatus, the combination with the paper rolls and feeding mechanism, of a reciprocating knife carrier, cog formed thereon, shaft journaled in the frame and arm rigidly attached to said shaft and meshing with said cog, whereby rotation of the shaft operates said knife carrier, substantially as shown and described. 8th. In an autographic registering apparatus, the combination with the paper rolls and feeding mechanism, of a reciprocating knife carrier with knife and filing needles rigidly attached thereto, so that the duplicate sheet will be filed on the needles simultaneously with the severing of the sheet from the roll, substantially as shown and described. 9th. In an autographic registering apparatus, a reciprocating knife carrier cogged arm integral therewith, shaft journalled parallel thereto, arm rigidly attached to said shaft and meshing with said cog, and fingers frictionally attached to said shaft to serve as guides for the paper to be cut, substantially as shown and described. 10th. In an autographic registering apparatus, a filing compartment having hinged along the sides thereof, guides or shelves to support and guide the paper to be filed, in combination with a needle carrying frame, and means for operating said shelves simultaneously with said frame, so that said shelves may be automatically closed when the needles are at work in the act of filing, substantially as shown and described. 11th. In an autographic registering apparatus, in the filing compartment thereof, shelves to support and guide the paper to be filed hinged along the sides of said compartment, in combination with pins on the needle carrying the frame to close said shelves when the needles are at work in the act of filing, substantially as shown and described. 12th. In an autographic registering apparatus in which a number of strips of paper are employed, a writing tablet and means for propelling the paper over said tablet, in combination with a cutting device for severing the paper into strips, and one or more filing needles having eyes at or near their points, adapted to receive a string whereby the severed strips may be bound together, the said needles being connected to the cutting device in such manner as to be simultaneously moved with it, thus piercing and filing the severed strips, substantially as shown and described. 13th. In an autographic registering apparatus, the combination of a writing tablet, two rollers to support and hold the copying medium arranged at opposite sides thereof, one roller supported in the frame of the machine, and forming a hinge for the writing tablet, the other detachably cannected to said writing tablet, so that it may be removed independently thereof, substantially as shown and described. 14th. In an autographic register, the combination with a cutting mechanism and a filing compartment and filing mechanism, consisting of a rock shaft located at one end of the said compartment, filing arms extending therefrom, a rock arm extending from said shaft, a bar connected to the rock arm and extending across one side of the filing compartment, a second rock shaft located at the other end of the compartment, and a rock arm mounted on said shaft and arranged to come in contact with said bar, and operate the same, and through it the filing arms, all substantially as shown and described. 15th. In an autographic register, the combination with the cutting and filing mechanism, of a shaft carrying fingers to assist in the filling, bifurcated arm attached thereto, box pivotted thereon and bar working through the same with spring F^1 and H^{11} connected