power transmitting device connecting a driving shaft with a driven mechanism, consisting of a sun and planet gear, the oscillating member of which is mounted within the driven member and is in operative connection with the driving shaft, and a restrainable guide bearing normally moving with said driving member and connected therewith by guide mechanism having a swinging motion about centres, substantially as described. 16th. A power transmitting device connecting a driving shaft with a driven mechanism, consisting of a set of sun and planet gear, the driving member of which is mounted within the driven member and is in operative connection with the driving shaft, a movable guide bearing connected with the said driving member by guide mechanism having a swinging motion about centres, and a brake for arresting the movement of said guide bearing, substantially as described. 17th. A power transmitting device connecting a driving shaft with a driven mechanism, consisting of a set of sun and planet gear, the driving member of which is mounted within the driven member and is in operative connection with the driving shaft, a guide bearing and a swinging connecting piece joined at one end to the guide bearing by a universal joint and at the other end to the driving member of the gear by a like joint, substantially as described. 18th. A power transmitting device for connecting a driving shaft with a driven mechanism, consisting of a set of sun and planet gear, the driving member of which is mounted within the driven member, and is in operative connection with the driving shaft, a rotary pulley mounted on the driving shaft, and a sleeve encircling said shaft and connected at one end to the pulley by a universal joint, and at the other end to the driving member of the gear by a like joint, and a brake for said pulley, substantially as described. 19th. A power transmitting device for connecting a driving shaft with a driven mechanism, consisting of a set of sun and planet gear, a rotary pulley mounted upon the driving shaft, a sleeve encircling said driving shaft and having a pair of oppositely disposed lugs at each of its ends, a ring encircling said driving shaft and connected to the driving member of the sun and planet gear, and to the lugs upon the proximate end of the sleeve by trunnion pins, and a similar ring connecting in like manner the opposite end of the sleeve with the pulley, and a brake for said pulley, substantially as described. 20th. In a power transmitting device, the combination of a driving shaft provided with an eccentric fast thereon, a hollow driven shaft provided with a so-called sun wheel, and mounted upon said driving shaft, a planet wheel mounted upon the eccentric and engaging with the sun wheel, a rotary pulley mounted upon the driving shaft, a swinging sleeve connected at one end to the planet wheel by a universal joint, and at the other to the pulley by a like joint, and a brake for said pulley, substantially as described. 21st. In a power transmitting device of the kind described, the combination, with the rotary pulley, of a brake therefor, consisting of pivoted brake blocks disposed at opposite parts of the periphery of said pulley, links to which the brake blocks are attached, a shaft having projecting lugs to which the links are attached, and arms for turning said shaft in one direction or the other, so as to apply or release the brake, substantially as described. 22nd. A power transmitting device for connecting a driving shaft with a driven mechanism, consisting of a set of gear wheels, one of said wheels having a rotary and also an oscillating motion, a bearing, and a guide mechanism joined on the one side to the bearing by a universal joint, and on the other side to the oscillating wheel by a like joint, whereby the tendency to rotary motion of the oscillating wheel is restrained, substantially as described. 23rd. A power transmitting device for connecting a driving shaft with a driven mechanism, consisting of a set of sun and planet gear wheels, a bearing, and a guide mechanism joined on the one side to said oscillating member by a universal joint, and on the other side to the said bearing by a like joint, substantially as described. 24th. A power transmitting device for connecting a driving shaft with a driven mechanism, consisting of a set of sun and planet gear wheels, the oscillating wheel of which set is mounted within the other wheel, a bearing, and a guide mechanism joined on the one side to said bearing by a universal joint, and on the other side to the oscillating gear wheel by a like joint, whereby the tendency to rotary motion of the oscillating wheel is restrained, substantially as described. 25th. A power transmitting device for connecting a driving shaft with a driven mechanism, consisting of a set of gear wheels connecting the two, one of said wheels having a rotary and also an oscillating motion, a bearing, a sleeve encircling the driven shaft and having a pair of oppositely disposed lugs at each of its ends, ring encircling the driving shaft and connected to said oscillating wheel by trunnion pins, and to the lugs upon the proximate end of the sleeve by like pins, and a similar ring connecting in like manner the opposite end of the sleeve with the bearing, substantially as described. 26th. A power transmitting device connecting a driving shaft with a driven mechanism, consisting of a set of gear wheels, one of said wheels having a rotary and also and oscillating motion, a rotatory pulley mounted concentrically with the driving shaft normally rotating with said oscillating wheel, and guide mechanism for restraining the rotary motion of said oscillating wheel when the rotation of the pulley is restrained, substantially as described. 27th. A power transmitting device connecting a driving shaft with a driven mechanism, consisting of a set of sun and planet gear, a rotary pulley mounted concentrically with said driving shaft normally rotating with the oscillating wheel of said gear, and guide mechanism for restraining the rotary motion of said oscillating gear when the rotation of the pulley is restrained, substantially as described. 28th. The method of obtaining uniformity of motion in the driven member of a sun and planet gear, and graduating the speed of transmission from the driving member thereof, which consists in retaining the rotation of the oscillating member, so that said member shall assume successive positions of parallelism with itself, and graduating the restraining force to correspond to the speed of transmission desired, substantially as described. 29th. The method of obtaining uniformity of motion in the driven member of a sun and planet gear, and graduating the speed of transmission from the driving member thereof, which consists in restraining the rotation of the oscillating member of the gear by the application of friction, so that said member shall assume successive positions of parallelism with itself, and graduating the amount of friction so applied to correspond to the speed of transmission desired. 30th. A power transmitting device for connecting a driving shaft with a driven mechanism, consisting of a series of gear wheels, one of said gear wheels having a rotary and also an oscillating motion, a restrainable guide bearing normally rotating with said oscillating wheel, and a guide for restraining to rotary motion of said oscillating wheel when the guide bearing is restrained, said guide being made up of parts having a swinging motion about centres in a plane perpendicular to the axis of rotation of the oscillating gear wheel, substantially as described. 31st. A power transmitting device for connecting a driving shaft with a driven mechanism, consisting of a series of gear wheels, one of said gear wheels having a rotary and also an oscillating motion, a restrainable guide being normally rotating with said oscillating wheel, a guide for restraining the rotary motion of said oscillating wheel when the guide bearing is restrained, said guide being made up of parts having a swinging motion in two directions, said motions being in a plane perpendicular to the axis of rotation of the oscillating gear wheel, and a brake for restraining the rotation of said guide bearing, substantially as described. 32nd. A power transmitting device for connecting a driving shaft with a driven mechanism, consisting of a series of gear wheels, one of said gear wheels having a rotary and also an oscillating motion, a restrainable guide bearing normally rotating with said oscillating wheel, and a guide for restraining the rotary motion of said oscillating wheel when the guide bearing is restrained, said guide consisting of a block connected on the one side by swinging links to the oscillating wheel and on the other side by like links to the guide bearing, substantially as described. 33rd. A power transmitting device for connecting a driving shaft with a driven mechanism, consisting of a series of sun and planet gear wheels, a restrainable guide bearing normally rotating with the driving member of said gear wheels, and a guide for restraining the rotary motion of said driving member when the guide bearing is restrained, said guide being made up of parts having a swinging motion in a plane perpendicular to the axis of rotation of the driving member of the gear, substantially as described. 34th. A power transmitting device for connecting a driving shaft with a driven mechanism, consisting of a series of sun and planet gear wheels, a restrainable guide bearing normally rotating with the oscillating member of said gear wheels, a guide for restraining the rotary motion of said oscillating member when the guide bearing is restrained, said guide being made up of parts having a double swinging motion in a plane perpendicular to the axis of rotation of the driving member of the gear, and a brake for restraining the movement of said guide bearing, substantially as described. 35th. A power transmitting device for connecting a driving shaft with a driven mechanism, consisting of a series of sun and planet gear wheels, the oscillating member of said sun and planet gear wheels being mounted within the other member, a restrainable guide bearing normally rotating with said oscillating gear wheel, and a guide for restraining the rotary motion of said oscillating gear wheel when the guide bearing is restrained, said guide being made up of parts having a swinging motion in two directions in a plane perpendicular to the axis of rotation of the oscillating gear wheel, substantially as described. 36th. A power transmitting device for connecting a driving shaft with a driven mechanism, consisting of a series of sun and planet gear wheels, the oscillating member of said sun and planet gear wheels being mounted within the other member, a restrainable guide bearing normally rotating with said oscillating gear wheel, a guide for restraining the rotary motion of said oscillating gear wheel when the guide bearing is restrained, said guide being made up of parts having a swinging motion in two directions in a plane perpendicular to the axis of rotation of the oscillating gear wheel, and a brake for restraining the rotation of said guide bearing, substantially as described. 37th. A power transmitting device for connecting a driving shaft with a driven mechanism, consisting of a series of gear wheels, one of said gear wheels having a rotary and also an oscillating motion, a restrainable guide bearing normally rotating with said oscillating wheel, and a guide for restraining the rotary motion of said oscillating wheel when the guide bearing is restrained, said guide being made up of parts having a swinging motion in one direction and a sliding motion in another direction, said motions being in a plane perpendicular to the axis of rotation of the oscillating gear wheel, substantially as described. 38th. A power transmitting device for connecting a driving shaft with a driven mechanism, consisting of a series of gear wheels, one of said gear wheels having a rotary and also an oscillating motion, a restrainable guide bearing normally rotating with said oscillating wheel, a guide for restraining the rotary