lies upon, the platform, when the movements of said rake are accurately directed in without the use of any exterior guide or other fixture for that purpose, substantially as described.

Fourth, In an automatic rake for harvesters I claim the employment of a paim, or its equivalent, by which, in connection with the said rake the gavel may be firmly grasped, when said arrangement is so contrived as to provide for a yielding pressure between the rake and the palm so as to be accommodated to the size of the gavel, substantially as described.

Fifth, In a harvester I claim the use of an automatic rake which shall rake the gavel to the inner side of the machine when in combination with a palm, or its equivalent, it shall grasp and turn and deposit its o that the straw shall le perpendicularly to the line of draft, or nearly so, substantially as described.

Sixth, In a harvester I claim the use of an automatic rake which, by a rapid movement in a direction nearly parallel with the cutter outward and back to its proper position for commencing a new gavel as shall rake the gavel and then by a slower movement shall return outward and back to its proper position for commencing a new gavel as so as not to interfere with the cut or with the uncut grain, when all the contrivances for giving such motion shall stand upon the inner side of the machine, substantially as described.

Seventh, In a harvesting machine I claim a turning shaft or crampost, the action of which constantly preserves the same angle with the platform, in combination with a r ke which has an undulating or awinging motion communicated to it through its arm or handle to bring it back after raking one gavel, to its proper position for commencing another by means of an oscillating or rotary motion of said turning shaft upon its axis, substantially as described.

#### DESIGNS.

1,909 to 1,919.—Carpet Patterns.—Henry G. Thompson, New York City, assignor to the Hartford Carpet Co., Hartford, Conn.



# 🕅 A T E N T S

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Judge Mason was succeeded by that eminent patriot and state sman, Hon, Joseph Holt, whose administration of the Fatent Office was so distinguished that, upon the death of Gov. Brown. he was appointed to the office of Postmaster-General of the United States. Soon after entering upon his new duties, in March, 1899, he addressed to us the following very gratifying letter:

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Very respectfully, your obedient servant. ements.
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J. Holt.

Hon. Wm. D. Bishop, late Member of Congress from Connecticut, succeeded Mr. Holt as Commissioner of Patents. Upon resigning the office he wrote to us as follows:

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