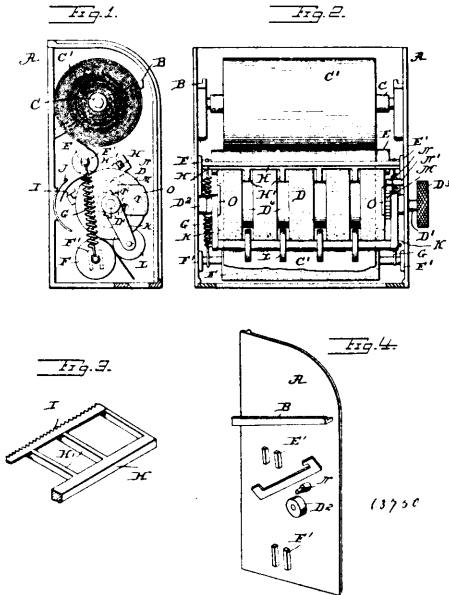


No. 63,749. Stove Polish. (*Noir pour polles.*)

Ayling Brothers, assignee of William Ayling, all of Chicago, Illinois, U.S.A., 1st September, 1899; 6 years. (Filed 10th February, 1899.)

Claim.—1st. The herein described powder for making liquid stove polish, consisting of graphite, bitumen and hard soap, finely divided and intimately mixed, substantially as above stated. 2nd. The herein described composition of matter for blackening and polishing metal surfaces, consisting of finely divided graphite, bitumen and dried soap, combined substantially in the proportions above recited. 3rd. The herein described composition of matter for blackening and polishing stoves and the like, consisting of pulverized graphite, bitumen, dried soap, and lamp black, mixed substantially in the proportions above stated. 4th. A stove polishing powder soluble in water, benzine or turpentine, consisting of finely powdered graphite, bitumen, hard soap and a deposited carbon black, intimately mixed, substantially as and in the proportions above stated.

No. 63,750. Toilet Paper Cutter. (*Coupe papier de toilette.*)

Harry F. Haviland, Harry D. Haviland, and Henry F. Clark, all of Philadelphia, Pennsylvania, U.S.A., 1st September, 1899; 6 years. (Filed 6th February, 1899.)

Claim.—1st. In a paper cutting and delivering apparatus, a main feed roller continuously co-acting therewith, a feed roller intermittently co-acting therewith, and a cutter over which the paper is adapted to be cut while the last mentioned roller is not co-acting with the main feed roller. 2nd. In a paper cutting and delivering apparatus, a main feed roller, a feed roller continuously co-acting therewith, a feed roller intermittently co-acting therewith, and a cutter over which the paper is adapted to pass, and by which it is adapted to be cut while the last mentioned roller is not co-acting with the main feed roller, and means to cause the last mentioned roller to intermittently co-act with the main feed roller. 3rd. In a paper cutting and delivering apparatus, a main feed roller, two secondary feed rollers, means to rotate the main feed roller, means to cause one of the secondary rollers to co-act intermittently with the main feed roller, and a cutter over which the paper is adapted to pass, and by which it is adapted to be cut while the last mentioned secondary roller is not co-acting with the main feed roller. 4th. In a paper cutting and delivering apparatus, a main feed roller, two secondary feed rollers, one of which continuously co-acts with the main feed roller, means to rotate the main feed roller, means to cause one of the secondary rollers to co-act intermittently with the main feed roller, and a cutter over which the paper is adapted to pass, and by which it is adapted to be cut while the last mentioned secondary roller is not co-acting with the main feed roller. 5th. In a paper cutting and delivering apparatus, a main feed roller, two secondary feed rollers, one of which continuously co-acts with the main feed roller, means to rotate the main feed roller, means connected with the main feed roller to cause one of the secondary feed rollers to co-act intermittently with the main feed roller, and a cutter over which the paper is adapted to pass, and by which it is adapted to be cut while the last mentioned secondary roller is not co-acting with the main feed roller. 6th. In a paper cutting and delivering apparatus, a main feed roller, two secondary feed rollers, means to rotate the main feed roller, means to cause one of the secondary rollers to co-act intermittently with the main feed roller, a cutter over which the paper is adapted to pass, and by which it is adapted to be cut while the last mentioned secondary roller is not co-acting with the main

feed roller, and means to normally hold both feed rollers in co-action with the main feed roller. 7th. In a paper cutting and delivering apparatus, a main feed roller, two secondary feed rollers, one of which continuously co-acts with the main feed roller, means to rotate the main feed roller, means connected with the main feed roller to cause one of the secondary feed rollers to co-act intermittently with the main feed roller, a cutter over which the paper is adapted to pass, and by which it is adapted to be cut while the last mentioned secondary roller is not co-acting with the main feed roller, and means to normally hold both feed rollers in co-action with the main feed roller. 8th. In a paper cutting and delivering apparatus, a device for carrying a roll of paper, a plurality of feed rollers normally co-acting at two points to feed the paper from the roll, means for intermittently stopping the co-action at one of said points, and a cutter over which the paper is adapted to pass, and by which it is adapted to be cut during the said stoppage of co-action between the feed rollers. 9th. In a paper cutting and delivering apparatus, a main feed roller, two secondary feed rollers, a tension device to normally hold both secondary feed rollers in co-action with the main feed roller, a cam carried by the main feed roller in the movement with one of said secondary rollers and adapted at one period in the rotation of the main feed roller to raise the last mentioned secondary roller out of frictional contact with the main feed roller, and a cutter over which the paper is adapted to pass and by which it is adapted to be cut while the last mentioned secondary roller is out of frictional contact with the main feed roller. 10th. In a paper cutting and delivering apparatus, a main feed roller having circumferential grooves, two secondary feed rollers, a tension device to normally hold both feed rollers in co-action with the main feed roller, means to rotate the main feed roller, a cam carried by the main feed roller in line of movement with one of said secondary rollers, and adapted at one period in the rotation of the main feed roller to raise the last mentioned secondary roller out of frictional contact with the main feed roller, a cross bar, rearward extensions therefrom extending through the grooves of the main feed roller, a cutter secured to said rearward extensions over which the paper is adapted to pass, and by which it is adapted to be cut while the last mentioned secondary roller is out of frictional contact with the main feed roller. 11th. In a paper cutting and delivering apparatus, a main feed roller having circumferential grooves, two secondary feed rollers, a tension device to normally hold both feed rollers in co-action with the main feed roller, means to rotate the main feed roller, a cam carried by the main feed roller in line of movement with one of the secondary rollers and adapted at one period in the rotation of the main feed roller to raise the last mentioned secondary roller out of frictional contact with the main feed roller, a cross bar, rearward extensions therefrom extending through the grooves of the main feed roller, a cutter secured to the said rearward extensions over which the paper is adapted to pass, and by which it is adapted to be cut while the last mentioned secondary roller is out of frictional contact with the main feed roller, links depending from the shaft of the main feed roller, a shaft sustained by the free ends of said links, the said shaft carrying guide rollers extending within the grooves of the main roller and resting upon one of said secondary feed rollers. 12th. In a paper cutting and delivering apparatus, a main feed roller having circumferential grooves, two secondary feed rollers, a tension device to normally hold both feed rollers in co-action with the main feed roller, a cam carried in the main feed roller in line of movement with one of said secondary rollers and adapted at one period in the rotation of the main feed roller to raise the last mentioned secondary roller out of frictional contact with the main feed roller, a cross bar, rearward extensions therefrom extending through the grooves of the main feed roller, a cutter secured to said rearward extensions over which the paper is adapted to pass, and by which it is adapted to be cut while the last mentioned secondary roller is out of frictional contact with the main feed roller, and a guide roller below the main feed roller and resting upon one of said secondary feed rollers. 13th. In a paper cutting and delivering apparatus, a main feed roller, two secondary feed rollers, a tension device to normally hold both secondary feed rollers in co-action with the main feed roller, a cam carried by the main feed roller in line of movement with one of said secondary rollers and adapted at one period in the rotation of the main feed roller to raise the last mentioned secondary roller out of frictional contact with the main feed roller, a cutter over which the paper is adapted to pass and in which it is adapted to be cut while the last mentioned secondary roller is out of frictional contact with the main feed roller, and a guide roller below the main feed roller and resting upon one of said secondary feed rollers. 14th. In a paper cutting and delivering apparatus, a device for carrying a roll of paper, a main feed roller, a feed roller intermittently co-acting therewith for feeding the paper from the roll, a feed roller continuously co-acting therewith for delivering the paper from the machine, and a cutter located between the continuously co-acting feed roller and the intermittently co-acting feed roller over which the paper is adapted to pass, and by which it is adapted to be cut while the last mentioned feed roller is not co-acting with the main feed roller. 15th. In a paper cutting and delivering apparatus, the combination of a device for carrying a roll of paper, mechanism for intermittently feeding the paper from the roll, a cutter for severing the paper into sheets, and mechanism for drawing the paper over the cutter during the intermittent stoppage of the first named mechanism. 16th. In a paper cutting and delivering apparatus, the combination of a device