

UNITED STATES PATENT OFFICE.

CHARLES JOHNSON, OF TORONTO, ONTARIO, CANADA, ASSIGNOR, BY MESNE ASSIGNMENTS, TO WILLIAM RABY BURRAGE, OF SAME PLACE.

MANUFACTURE OF PAPER PADS.

SPECIFICATION forming part of Letters Patent No. 391,975, dated October 30, 1888.

Application filed November 25, 1887. Serial No. 256,157. (No model.) Patented in Canada October 28, 1887, No. 27,850.

To all whom it may concern:

Be it known that I, CHARLES JOHNSON, of the city of Toronto, in the county of York, in the Province of Ontario, Canada, foreman
5 bookbinder, have invented a certain new and useful Improvement in the Manufacture of Paper Pads, (for which I have obtained a patent in Canada, No. 27,880, October 28, 1887,) of which the following is a specification.

10 The object of the invention is to bind together the sheets of paper forming the pad in such a manner that no binding composition will adhere to the sheets when removed from the pad; and it consists, essentially, in placing
15 on the edge of the paper to be bound a piece of linen or other porous material and covering the outer surface of the said piece of material with a coating of glue or paste, which will soak through and cause the material to adhere
20 to the edge of the paper, so as to bind the sheets together as desired.

Previous to my invention pads of paper were made by covering the edge to be bound with a coating of adhesive composition, which would
25 soak beyond the edge of the paper and adhere to the sheets after they were removed from the pad. By the adoption of my invention I have entirely overcome this defect, as only sufficient adhesive soaks through to bind the
30 sheets to the material.

When the paper is prepared in the ordinary way for the manufacture of pads, I place on the edge to be bound a piece of linen or other similar material and cover the outside of the said material with glue, paste, or other suitable adhesive, and then press the material
35 against the edge of the paper until it adheres thereto. This binding is also much stronger than the old style. The same effect might be produced by coating one side of the material,
40 and when it is to be used dampening or heating it, so as to make it moist and cause the material to adhere to the edge of the paper when pressed against it.

What I claim as my invention is—

45 As an improvement in the art of manufacturing paper pads, the process described, which consists in first binding the edge or edges of the pad with a piece of linen or other like material coated upon its outer face with adhesive
50 substance, and then pressing said material onto the edge to be bound while the adhesive substance is moist, as set forth.

Toronto, November 8, 1887.

CHARLES JOHNSON.

In presence of—

GEO. R. AUSTIN,
HUGH B. McNAUGHTON.