

UNITED STATES PATENT OFFICE.

VICTORIEN MÉDÉRIC BOUTHILLIER, OF MONTREAL, CANADA.

ADHESIVE COMPOUND.

SPECIFICATION forming part of Letters Patent No. 645,161, dated March 13, 1900.

Application filed October 13, 1899. Serial No. 733,540. (No specimens.)

To all whom it may concern:

Be it known that I, VICTORIEN MÉDÉRIC BOUTHILLIER, of the city of Montreal, Province of Quebec, Canada, have invented a new and useful Improvement in Glue; and I do declare the following to be a full, clear, and exact description.

My invention consists in producing a strong glue in the form of a powder (soluble in either cold or warm water) with any alkaline substance; but I choose for the purpose a substance free from acids, lime, or other injurious ingredients, so that the glue may be advantageously applicable to all purposes and specially for paintings in water-colors, in which case my glue would be used both as a binder and as a neutralizer to acids, lime, &c., contained in the colors employed.

To prepare the glue according to my invention, take ten pounds of gelatin or isinglass. Add to it a pint of water, one pound of commercial potash or carbonate of potash, (form in which potash is conveniently obtained,) and half a pound of alum. Heat to 100° centigrade, or about. (100° are fixed because this point is easily noticed by the ebullition of the

compound. However, the perfect melting of the matters is required only.) Cease the heating, dry the mixture by any known process, and pulverize. The powder will be the glue claimed.

I am aware that carbonate of potash is used to form liquid glue or glue in the form of a jelly and also to preserve these glues from decay, but not to accomplish the purpose claimed in my description.

I use potash as a dissolvent for glue and alum as an absorbent to render my powdered glue perfectly soluble in cold water.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

A glue consisting of gelatin or isinglass, potash and alum and reduced to the form of a powder, and soluble in cold water, substantially as hereinbefore described.

Montreal, Canada, October 4, 1899.

V. MÉDÉRIC BOUTHILLIER.

Witnesses:

L. C. BOURGEOIS,
ARTHUR VINCENT.