

# UNITED STATES PATENT OFFICE.

CHARLES F. BEEZLEY, OF CHICAGO, ILLINOIS.

METHOD OF ASSIMILATING COMBINED TYPE-WRITTEN AND PRINTED WORK.

SPECIFICATION forming part of Letters Patent No. 455,467, dated July 7, 1891.

Application filed April 13, 1891. Serial No. 388,767. (No specimens.)

*To all whom it may concern:*

Be it known that I, CHARLES F. BEEZLEY, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Methods of Assimilating Combined Type-Written and Printed Work, of which the following is a specification.

A common practice in advertising, especially by circular-letter, is to produce multiple copies of the body of the communication by the ordinary printing process, using as the type such as resemble the type-writer variety thereof and type-writing the address and other introductory portion to lend to the letter the appearance of a communication written entirely with the type-writer. The effect of this practice is not such as to assimilate the type-writing and printing; but, on the contrary, the difference between the printing-press and type-written work is clearly apparent, the beginning of the former and ending of the latter being readily discernible.

The object of my invention is to so assimilate the type-written and printed portions of the work as to render them indistinguishable after being moistened. To this end I employ for the printing an ink which when moistened will closely resemble and blend with the type-writer ink when the latter is moistened. What the component parts of such an ink should be depends, of course, on the kind of type-writer ink employed, and for different colors of the ink different aniline colors may be used.

I may herein state, by way of example, the means I have used in the practice of my invention, leaving it to others who may desire to use it to employ other analogous means for producing different coloring or other effects.

The ribbon I have used is the green Underwood copying-ribbon on a Remington type-

writing machine, and for the printing I have employed an ink composed of about forty-five parts of green aniline, about twenty-two parts of glucose, about twenty-two parts of black molasses, and about eleven parts of glycerine, all compounded in the usual or any suitable manner in the manufacture of ink.

The work, when printed in part with the aforesaid ink, or ink possessing analogous characteristics with relation to the type-writing ink with which the other portion of the work is done, and then moistened with water, as by means of a wet pad, and allowed to dry, presents a uniform appearance by the blending or assimilation resulting from the effect of the moisture on the work.

What I claim as new, and desire to secure by Letters Patent, is—

1. The method of producing assimilation of combined printed and type-written work, which consists in performing the printed and type-written portions of the work with type of corresponding appearance and using for the printing-ink which, when the work is moistened, will resemble the ink of the type-writer work when moistened, type-writing a portion of the work, and moistening the combined work, substantially as described.

2. The method of producing assimilation of work partly type-written and partly printed, which consists in performing the printed and type-written portions of the work with type of corresponding appearance, printing a portion of the work with an ink compounded of ingredients substantially as described, type-writing a portion of the work with an ink-ribbon such as designated, and moistening both portions, as set forth.

CHARLES F. BEEZLEY:

In presence of—

J. W. DYRENFORTH,  
M. J. FROST.

It is hereby certified that in Letters Patent No. 455,467, granted July 7, 1891, upon the application of Charles F. Beezley, of Chicago, Illinois, for an improvement in "Method of Assimulating Combined Type-Written and Printed Work," errors appear in the printed specification requiring the following corrections, viz.: In lines 65 and 66, the clause "of corresponding appearance and using for the printing-ink which, when the work is," should read *of corresponding appearance and using, for the printing, ink which, when the work is*; and that the said Letters Patent should be read with these corrections therein that the same may conform to the record of the case in the Patent Office.

Signed, countersigned, and sealed this 28th day of July, A. D. 1891.

[SEAL.]

Countersigned:

NATHANIEL L. FROTHINGHAM,  
*Acting Commissioner of Patents.*

CYRUS BUSSEY,  
*Assistant Secretary of the Interior.*