



No. 1.

Price, including Office Case, \$60.



Box 176.

CLEVELAND, OHIO.

Dear Sir:

Please read the enclosed circular and price list carefully. If you are interested in the CALIGRAPH, we will take pleasure in giving you any additional information you may desire.

An expert with the CALIGRAPH can do from three to ten hours work in one hour, and do it much easier and better than is possible with the pen.

The CALIGRAPH is a great boon to MINISTERS, LAWYERS, MANUFACTURERS, EDITORS, AUTHORS, STENOGRAPHERS, INSURANCE COMPANIES, BANKERS, GOVERNMENT OFFICIALS, COPYISTS, TEACHERS, PRIVATE FAMILIES, and all who have writing to do or children to educate.

Many young men and women have already found pleasant and profitable employment, using the caligraph; any intelligent young man or woman can, by buying a CALIGRAPH and becoming expert in its use, secure a pleasant and profitable position. The demand for laborers in this field of enterprise is practically unlimited.

The enormous and unprecedented sale of these machines, since their introduction a few years ago, show conclusively how they are looked upon by the writing public. They are to be found in all the principal railroad offices, law offices and banks; they are the favorite machines among stenographers, not only on account of their simplicity, but particularly for their portability—the smaller machines weighing but ten pounds. This is an item of no small importance with many stenographers, who are obliged to carry their machines from place to place.

The manipulation of the machine is easy and pleasant, and with a few days practice, a much higher rate of speed can be obtained than is possible with the pen. The mental worry and bodily exhaustion incident to a prolonged use of the pen, are entirely done away with by the employment of these machines. The operator sits erect before the instrument, and manipulates the keys with the fingers of each hand.

The caligraph is especially popular among clergymen. The large number of orders from members of this profession, and the enthusiastic letters received from them, show what a boon these little machines has proved to them.

The writing is highly attractive and as legible as any print.

Address, WOLFE & FRACKER,

Box 176,

CLEVELAND, OHIO.

THE CALIGRAPH is a machine intended to take the place of the pen. It is operated by touching keys as in playing the piano. The writing, which is always neat and legible, and can be copied in a letter-press like ordinary pen writing, is done with wonderful ease and about three times faster than with the pen. Its use is learned in from two weeks to two months' time. It manifolds, giving from three to twenty copies at one impression. It aids composition, does away with bad penmanship, and saves time, labor, and money. It is the best-known means of teaching spelling and punctuation. These qualities render it indispensable to business men, or all who have writing to do or children to educate.



THE CALIGRAPH IS TO THE PEN WHAT THE SEWING MACHINE IS TO THE NEEDLE.



Weight 15 Lbs.

No. 3.

Price, including Office Case, \$65.



Weight 20 Lbs.

No. 2.

Price, including Office Case, \$80.

Tables and Traveling Cases for either Machine, each \$3 50 extra.

THE ONLY
PERFECT
WRITING
MACHINE
IN THE
WORLD.

REASONS FOR Preferring the Caligraph as a Writing Machine.

First.—An intelligent operator can keep the Caligraph working in line for a life-time. This all important feature is secured by the following means:

The play in the joints of the carriage journals has been reduced to the lowest possible degree.
The carriage journals or hinges are brought so near the printing point, that there is only about one-quarter of the lateral motion in these which is incident to other machines—not enough to perceptibly injure the alignment.

The weight of the carriage has been greatly reduced—a matter of much importance, for in rapid writing, the carriage must stop and start from three to four hundred times per minute.

The type-bars are free from lateral spring or vibration.
But, most important of all, the adjusting screw in the hanger (see circulars) takes up any wear or lost motion in the type bar journal without loosening the hanger or affecting the alignment.

This adjustable screw also, in connection with the spring hanger, prevents any lateral motion of the type-bar, and secures a continuously perfect alignment.

Second.—The carriage movement is simple and convenient, doing away with all straps or cords. It is direct and of uniform force, for the driving lever moves through an arc of only one-ninth of a circle. It is not connected with the ribbon movement.

Third.—The lightness of the carriage reduces the friction at the escapement, and the force needed to depress the keys: another reason for the great speed of the machine.

Fourth.—The Caligraph carriage is hung quite near its centre of gravity, and is thus very light to handle.

Fifth.—The carriage running gear is readily cleaned, and rarely needs removal for that purpose.

Sixth.—The type-bars being so wide and stiff, if two keys are accidentally struck together, the type collide near the bottom of the disk, and are prevented from marring the paper by a double imprint.

Seventh.—The arrangement for carrying the paper is simply perfect, doing away with all rubber bands, which are so liable to break, stretch, get off the pulleys, soil the paper, etc., and therefore is equally well adapted to the use of wide and narrow paper, envelopes or postal cards.

Eighth.—The journal of the type-bar is of a peculiar shape, securing rapid and easy action without lost motion.

Ninth.—The connecting rods are adjustable by means of a turn-buckle to the exact length required, without being disconnected, and without affecting the alignment.

Tenth.—In the Caligraph, the pull of the connecting rod is central, and does not tend to deflect the type from a true alignment.

Eleventh.—Space-keys at each side of the key-board give greater speed and convenience, and accommodate both left and right-handed operators.

Twelfth.—The key-board has been so condensed and arranged that the extreme oblique striking has been avoided, and the most compact and convenient arrangement of the keys secured.

Thirteenth.—With the Caligraph system of levers, the finger keys require only one-half the depression needed in other machines. This greatly facilitates speed and gives a much pleasanter touch.

Fourteenth.—The finger key-rods move through metallic guides, preventing the keys from swerving under the fingers as they do in some other machines.

Fifteenth.—The bell, with its hammer is in front of the machine where it can be both seen and heard.

Sixteenth.—The bell trip and carriage stop, (both adjustable,) are in front, in sight and easy of access.

Seventeenth.—The carriage has a simple arrangement for instantly regulating the space between the lines.

Eighteenth.—The ribbon movement has a reversing lever as quick in its action as that which controls the line spacing.

Nineteenth.—The ribbon is moved directly by the key action instead of by the carriage movement, which obviates a serious objection found in other writing machines.

Twentieth.—The letter spacing arrangement is so simple, durable and readily adjusted that it is far superior to that used in any other writing machine.

Twenty-first.—In the Caligraph the motive forces are long spiral springs which give uniformity of action and a soft, velvety touch to the keys.

Twenty-second.—The escapement rack is cushioned, and noiseless in its action.

Twenty-third.—The Caligraph is the smallest, lightest, and most portable lever machine in the market.

Twenty-fourth.—The Caligraph is made of the best material, steel castings being used instead of cast iron. This, with the arrangement for keeping it in good alignment, makes it the most durable writing machine in the world.

Twenty-fifth.—The No. 1, or smallest Caligraph has 48 characters, being four more than any other all capital machine. Besides, it writes a longer line.

Twenty-sixth.—The No. 3 Caligraph has 54 characters, and is especially adapted to manifolding and other heavy office work.

Twenty-seventh.—The No. 2 Caligraph is the only writing machine that is made with italic upper and lower case or capital and small letter type. This style of type has become exceedingly popular.

Twenty-eighth.—The No. 2 machine also a separate key and type-bar for each character, avoiding the complications in that class of machines having two characters on one type-bar.

Twenty-ninth.—The carriage is always free to move from left to right without being released: a very great improvement.

Thirtieth.—By means of a convenient release key, it can also be instantly moved from right to left to any desired position.

Thirty-first.—The price of the caligraph is much less than that of other lever writing machines, and is as low as it can be afforded and leave margin enough to successfully introduce the machine.

Thirty-second.—The caligraph has many other advantages, but to appreciate them fully, one must see and use the machine.

The No. 2 Caligraph is also furnished with Italic Type like that used in this paragraph. The italic type is very popular, and is generally preferred for correspondence and some other kinds of writing.

STYLES OF TYPE USED IN THE CALIGRAPH.

No. 1. SMALL GOTHIC. THE No. 1 MACHINE IS FURNISHED WITH CAPITAL LETTERS, FIGURES, AND PUNCTUATION MARKS ONLY. ITS KEY-BOARD CONTAINS FORTY-EIGHT CHARACTERS, WHICH ARE ARRANGED IN SIX ROWS OF EIGHT EACH.
No. 1 CALIGRAPHS ARE MADE WITH FOUR DIFFERENT STYLES OF TYPE, AS FOLLOWS: LARGE AND SMALL GOTHIC, AND LARGE AND SMALL ROMAN.

No. 1. LARGE GOTHIC. THE No. 2, OR UPPER AND LOWER CASE CALIGRAPH, IS LIKE THE No. 1 IN ALL RESPECTS, EXCEPT THAT IT IS FURNISHED WITH BOTH CAPITALS AND SMALL LETTERS, AND IS MADE LARGER TO ADMIT OF THE USE OF EXTRA KEYS, TYPE-BARS, Etc., FOR THE ADDITIONAL CHARACTERS. BOTH MACHINES ARE OPERATED IN THE SAME MANNER, AND ARE ABOUT EQUAL IN SPEED.

No. 1. SMALL ROMAN. THE KEY-BOARD OF THE No. 2 MACHINE IS ARRANGED AS FOLLOWS: IT CONTAINS, IN ALL, KEYS FOR SEVENTY-TWO CHARACTERS. FORTY-EIGHT OF THESE, OCCUPYING THE CENTRE OF THE BOARD, ARE LOWER-CASE LETTERS, FIGURES, AND PUNCTUATION MARKS, AND ARE ARRANGED PRECISELY AS IN THE No. 1 KEY-BOARD. THEY ARE BLACK ON A WHITE BACK-GROUND, AT EACH END OF THE ABOVE, TO THE RIGHT AND LEFT, ARE THIRTEEN CAPITALS, WHICH ARE WHITE ON A BLACK BACK-GROUND. THE WHOLE KEY-BOARD IS ARRANGED IN SIX ROWS OF TWELVE CHARACTERS EACH.

No. 1. LARGE ROMAN. IT WILL BE REMEMBERED THAT THE OLD STYLE OF No. 2 TYPE-WRITER HAS TWO LETTERS ON EACH TYPE-BAR, AND ONE SET OF KEYS FOR BOTH CAPITALS AND SMALL LETTERS, AN ARRANGEMENT WHICH NECESSITATES A COMPLICATED CARRIAGE MOVEMENT AND A GREAT LOSS OF SPEED, AS, IN ORDER TO PRINT A CAPITAL, A SPECIAL KEY MUST BE DEPRESSED WITH A FINGER OF ONE HAND WHILE THE CAPITAL IS BEING STRUCK WITH A FINGER OF THE OTHER.

No. 2. Upper and Lower Case. The No. 2 Caligraph has an independent key and type-bar for each letter, thus avoiding all complication and greatly enhancing speed. The Caligraph is constructed of the most durable materials. There is no cast or even malleable iron used. Every part is made of cast or rolled steel or brass, by skilled mechanics. It is finely finished, and with proper care will, like the Sewing Machine, last a lifetime.

CONDENSED TESTIMONIALS.

From "Petroleum V. Nasby."

To whomsoever may be interested in machine writing.

I have done all my writing with a Writing Machine for six years. In that time I have written novels, plays, essays, lectures, editorials, and correspondence. I do not use the pen for anything except signatures, where handwriting is necessary for legality.

For several years I have used the old style of machine, because there was nothing better. For one year I have used the Caligraph, and I have no hesitation in saying that it is infinitely superior in every respect.

It is reliable, it stays in order, is more simple and easy to operate, and it is portable, being as easy to carry around as an ordinary grip-sack. I have carried it with me from the northeast corner of Maine to the Missouri River. It has been dropped off of car seats, it has been banged about by hotel porters, as though it were a trunk by baggage-smashers, but it has survived all these trials, and writes perfectly well.

I unhesitatingly commend the Caligraph to whoever wishes to escape the intolerable drudgery of the pen.

D. R. LOCKE, "Petroleum V. Nasby."

Paterson, Jan. 15, 1881.

I have used the old-fashioned writing machine for four or five years. I use the machine as a pen for original composition for the press, and with more than equal facility in mental work. During the past three or four months I have been using the new writing machine, "The Caligraph," and am so pleased with the change that I could not be induced to go back to the old machine.

The Caligraph at one-half the price is immeasurably superior, and in so many ways, that I cannot think of enumerating the reasons.

J. E. CROWELL, City Editor Paterson Guardian.

Bellows Falls, Vt., Jan. 22, 1881.

Gentlemen: Replying to your query as to how we like the new style of type-writer which we are using (the new "Caligraph"), we have to say that it seems to work very satisfactorily in all ways. We like it more and more, and it is doing very good work.

We are truly yours,

BABBITT & HAYES, Merchants.

Poughkeepsie, N. Y., Jan. 26, 1881.

Gentlemen: I purchased one of your machines in June, 1880, and since then have almost constantly used it. It has afforded the utmost satisfaction, not alone to myself, but to the different members of the bar, who are unanimously of the opinion that it excels in appearance the work of any type-writer known to them.

During my whole experience my writer has not been out of order for a single minute; it is always ready for immediate use, and to me it is invaluable.

Respectfully yours,

R. F. SMITH, Stenographer.

Boston, Jan. 26, 1881.

Gentlemen: I find the Caligraph all that you claim it is. Invaluable where writing should be done quickly, legibly, and handsomely.

Very truly yours,

C. F. ADAMS, Jr., by C. H. RICHARDSON.

Claremont, Va., Jan. 24, 1881.

I can almost bless the writer's cramp, which induced me to get a Caligraph. I would not be without it for three times its cost. I have had my machine now about four months, and like it better than ever. It took me no time to learn its use. I have never used a pen since the first day it was received. That dull pain and tired feeling which has grown chronic in my right arm has entirely left me.

No one will ever do without one after using one awhile. It is all you claim for it.

Yours very truly,

J. F. MANCHA, Real Estate Agent.

Rochester, N. Y., Jan. 31, 1881.

This machine is the best thing in the line of writing machines that I have yet seen.

115 Broadway, New York, Jan. 19, 1881.

Gentlemen: If I thought I could not get another, I would not sell my Caligraph for ten times what it cost me. I use it constantly. It should be in the hands of every business man. It is far superior to the old machines.

Yours truly,

WILLIAM H. CLARKSON, Lawyer.

Worcester, Mass., Jan. 21, 1881.

Gentlemen: I consider the Caligraph one of the greatest labor saving machines ever invented. I do not think I could do business without it, and it is only a question of time when it will be as common as the sewing machine or cabinet organ, and be used in every office, school, and well-regulated family in the country. As compared with any other writing machine in the market, I consider it superior in every particular.

Yours, with respect,

E. P. CARPENTER.

Church of the Evangelists, Boston, Jan., 1881.

Gentlemen: I have introduced your Caligraph into our Girls' Industrial Club, with much satisfaction.

As a new means by which young women may be able to gain a respectable livelihood, we have good reason to expect great things.

Very truly yours,

B. B. KILLIKELLY, Clergyman.

Cromwell, Conn., Jan. 24, 1881.

Gentlemen: I think your machine a practical working machine. I do not see why the Type-writer, in this machine, has not reached its perfected state.

Sincerely yours,

MYRON S. DUDLEY, Clergyman.

Detroit, Mich., Oct. 1st, 1881.

A. W. M. Co.

Gentlemen: For the last two months I have been engaged selling Caligraphs in this State. I have found the No. 2 machine to be a great favorite with all people who use writing machines, and where the Caligraph is known no other writing machine stands any show at all.

C. G. MULLER, Agent.

Office of the Boston Herald, Boston, Mass., Jan. 22, 1881.

Gentlemen: Several of your machines are in daily use in the Herald office. The advantages of the Caligraph in journalism comprise superior speed of execution, a legibility which delights compositors and copyholders, and rest of hand and wrist-muscles to the busy writer. I have found the use of the Caligraph an actual aid in composition, the posture being erect, and muscles free and uncramped.

Sincerely yours,

FRED. R. GUERNSEY, Editorial Staff Boston Herald.

30 Nassau St., New York, Feb. 9th, 1881.

We have used the Caligraph for the past few months, and are greatly pleased with its operation. We held strong prejudices against all writing machines; but the Caligraph has wholly removed them.

BRISTOW, PEET, BURNETT & OPDYKE.

128 Pembroke Street, Boston, Jan. 24, 1881.

Gentlemen: Although I have had my Caligraph only a few weeks, it has been very useful to me. I find it much less tiresome than writing.

JAMES B. FIELD.

Osgood Hall, Toronto, Ont.

Although my Type-writer, purchased less than a year ago, costing \$125, supposed to be one of the most improved machines made, was still as good as new, I laid it aside on receipt of the Caligraph, and have since used the latter.

A. J. HENDERSON, Stenographer.

Haysville, Me., Jan. 21, 1881.

Gentlemen: I have had the Caligraph two weeks. I like it so well I would not be without it for twice its price.

Yours truly,

C. E. BISBEE, Clergyman.

290 Broadway, N. Y., Jan. 21, 1881.

After five months' use, I can say the Caligraph is easy to learn and handle. Its work is neat and uniform in appearance, and easily read. I had previously made use of the old style of type-writer, and in my opinion the Caligraph is greatly superior.

TOWNSEND WANDELL, Lawyer.

Adjutant General's Office, Boston, Jan. 22, 1881.

Gentlemen: Having used the Caligraph more or less the past three months, I can speak in high terms of it. The many improvements have made it almost perfect. Its compactness and lightness make it a very desirable instrument, and for these reasons, if there were no others, it is superior to other machines.

Very respectfully,

A. HUN BERRY, Adj. General.

Boston, Jan. 22, 1881.

Gentlemen: I have used your writing machine and found it very useful in preparing legal papers, and particularly in my notary and commission business.

Clients, especially elderly people, like to have their deeds and papers printed rather than written, and the Caligraph is to be classed among the useful inventions which can be bought at a fair price.

Very truly yours,

JOSEPH B. BRAMAN, Lawyer.

Cambridge, Mass., Jan. 24, 1881.

The Type-writer was a great boon to me, but the Caligraph has many advantages over it. Careful examination and constant use have made me enthusiastic in favor of the Caligraph.

The "Caligraph" is its own best recommendation. Examination and use are all that is necessary to prove its great utility.

ARTHUR GILMAN, Author.

It may be said that at last we have a perfect type-writing machine, adjusting itself like a watch, as it were, to all conditions under which it is used.

D. L. S. BROWNE, in the Photographic Monthly.

134 Front Street, New York, Feb. 4, 1881.

We take great pleasure in stating that our No. 2 Caligraph (upper and lower case), gives entire satisfaction.

Owing to the improvements, the alignment of this machine is easily kept perfect, the touch is even and rapid, and the work finished in appearance. Our machine does not get out of order.

Yours truly,

THOMPSON & BEDFORD CO. LIMITED, Oil Dealers.

290 Broadway, New York, Jan. 29, 1881.

Gentlemen: I have used the Caligraph for several months, and regard it of very great value in my office. I overcame the difficulty of learning to write in less than two weeks' irregular practice. I have used the old style of writing machines, and give yours a decided preference.

Yours very truly,

R. M. BRUNO, Lawyer.

East Pepperell, Mass., Jan. 22, 1881.

I have had the machine little over a month. My experience thus far has shown me no defect as to its construction, and I see none possible. It works like a charm.

WILLIAM D. BRIDGE, Clergyman.

CALIGRAPH SUPPLIES.

In order to obtain the most satisfactory results with the CALIGRAPH, very much depends upon the quality of the materials used. We advise as earnestly as we can, that in all cases application be made to our local Agent for all supplies, such as stationery, carbon, paper for manifolding, ribbons, etc., as he has an interest to furnish the very best at reasonable rates. In the event that the Agent is not prepared to do this, we recommend our patrons to send direct to our General Office.