

1904

**AMERICAN
CLOCK COMPANY
CHICAGO**

KNIGHT & LOWENBURG,
Gen. Agts. for New Eng. States,
Colonial Bldg.,
BOSTON, MASS.

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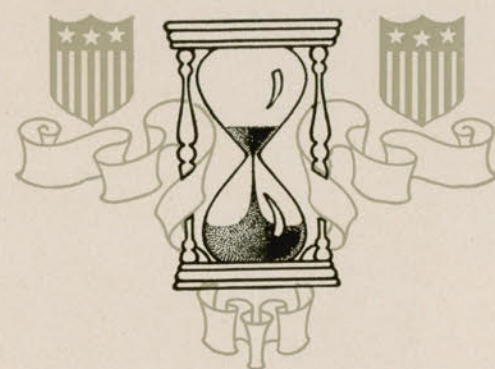
Automatic Electric Clocks

Electric Time Stamps

Time Recording Systems

Secondary Clock Systems

Synchronous Time Systems



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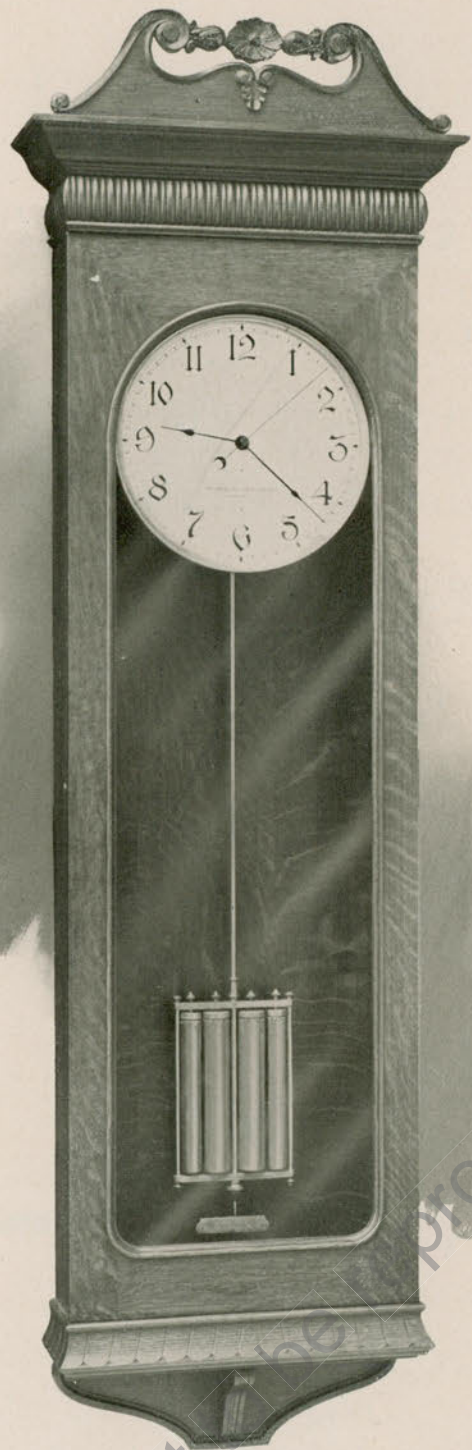
American Clock Company

Factory and General Offices:

Wabash Avenue and Twentieth Street, Chicago, Illinois, U. S. A.

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Number 2-C

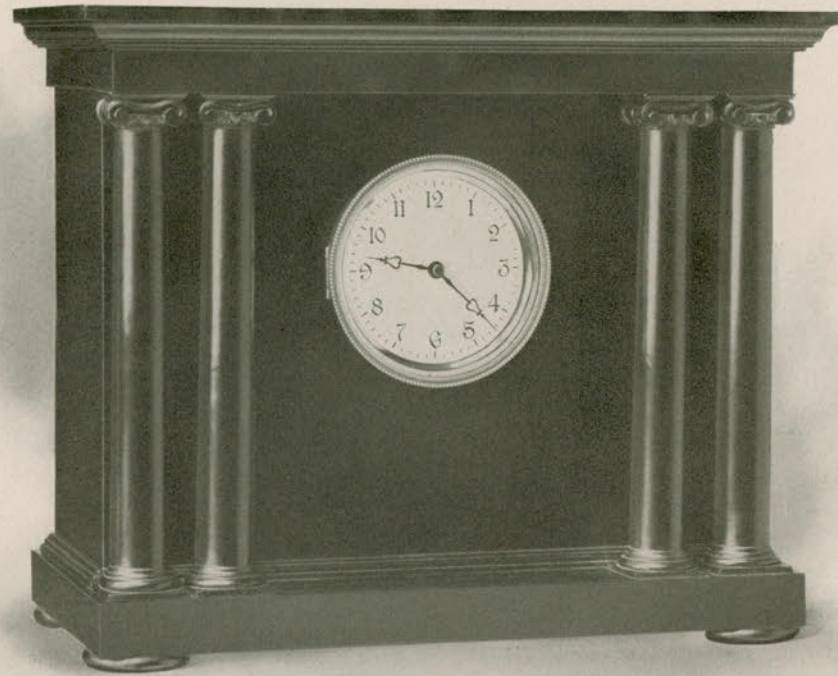
The Regulator



IS a name that conveys to every dealer who has handled our clocks a restful feeling of security that is soothing to the nerves after a busy season's campaign, and the work and worry incident thereto. He feels that he has made a friend of every customer to whom he has sold, and has won a merited tribute that reaches out and extends a helping hand to every branch of his business.

It stands for a superiority of mechanism and a beauty in style, design and finish that "won't come off."

Every piece of material used in the construction of their clocks is most carefully selected, and the work in every detail is performed by men who are experts and specialists in the science of clock building. Thus the finished product of the American Clock Company has a substantial and a finished beauty that is a lasting ornament to the home and to the office, and always a source of satisfaction to the owner thereof.



Number 52-M

Our No. 52-M is a rich and substantial mantel clock that commends itself to many as a most artistic design. It is a dark, rich design in solid Mahogany, equipped with a 140-beat movement. Height, 14 inches; width, 17 inches; depth, 8 inches; with a 5-inch dial. Price \$40.00

Electric Motive Power

The movements for our Electric Clocks are very simple in design with substantially constructed plates and train. No springs are used, and each movement is complete in itself. The principle involved is both original and scientific. No winding is required, and the motive power is nature's law of gravitation supplied through the regular and uniform action of two small levers that move the clock train. The electric power to lift these levers is supplied by two small cells of dry batteries. The batteries are called upon only seven times an hour, and as the electric circuit is closed for an instant only, the energy required is infinitesimal. The batteries require renewing about once a year.

The simplicity and perfect mechanism of our movements have always won for our clocks first place in all competitive exhibitions in which they have been entered, and if you are buying a clock or a time system today other than the "Electric kind," you are not getting the best. This book will give you a number of our beautiful designs awaiting your order.

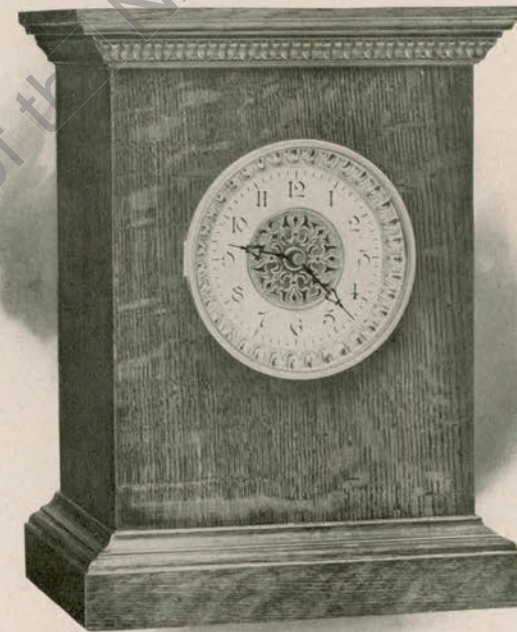
American Clock Company - Chicago



Number 51-M

Our No. 51-M is a neat little design, in solid Mahogany. Where a very small mantel clock in a deep, rich Mahogany finish can be used, a more attractive pattern cannot be found. Equipped with our 140-beat movement. Height, 14 inches; width, 12 inches; depth, 7 inches, with a 5-inch dial. Price \$32.00

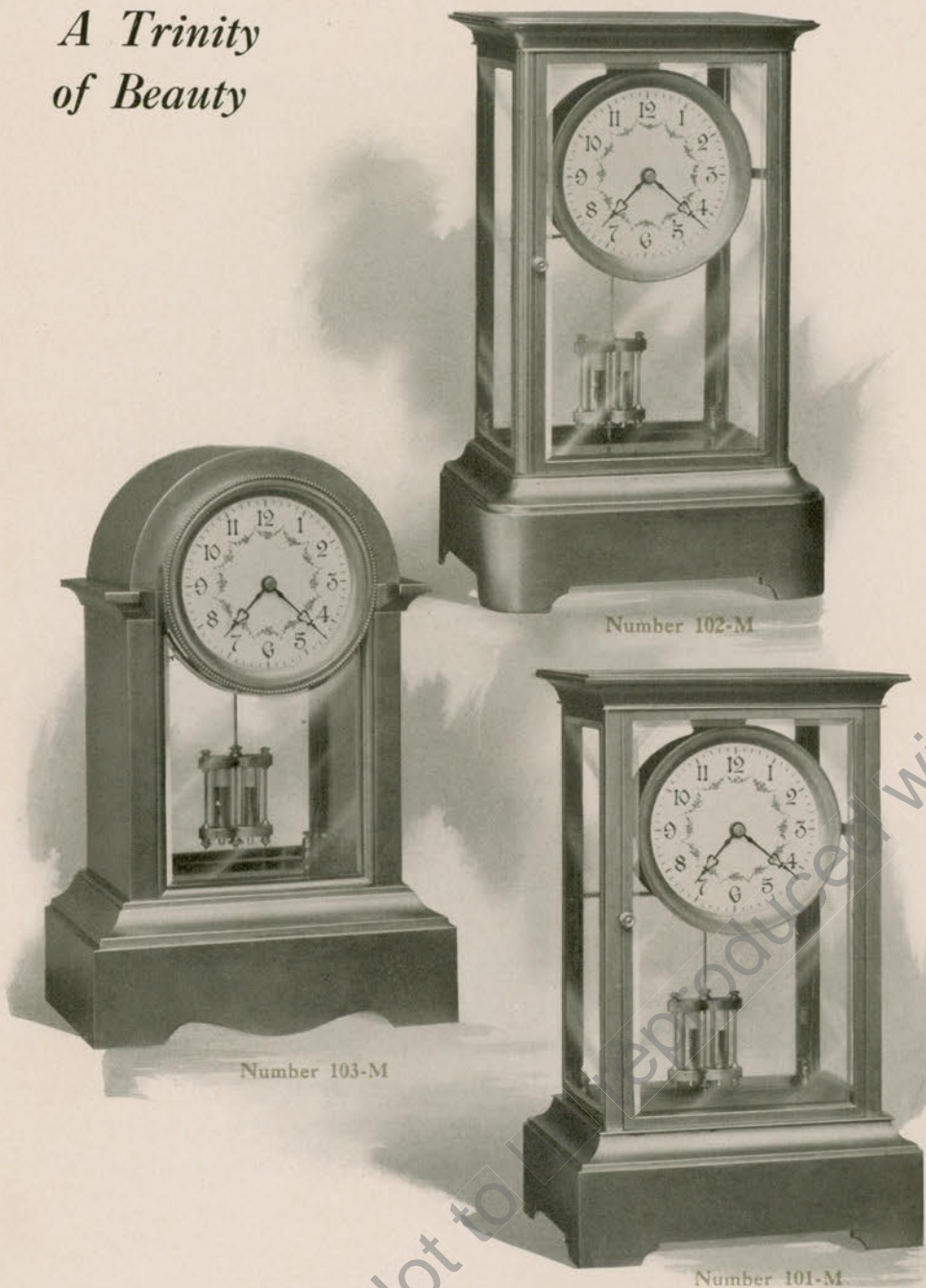
American Clock Company - Chicago



Number 1-M

Our No. 1-M is a clock that never fails to please. A heavy, substantial case either in Antique Oak or Birch, with Mahogany finish. It is plain and rich, with a style and beauty that becomingly graces the most elaborate mantel. This mantel clock can be equipped with our stamp contact mechanism and can be used as a master clock for our time stamps or secondary clocks. Equipped with our 140-beat movement. Length, 13 inches; width, 10 inches; with a 4-inch dial. Price \$24.00

*A Trinity
of Beauty*



Number 102-M

Number 103-M

Number 101-M

Metal Case Beauties

The three beautiful gold finished clocks on the opposite page will at once challenge the attention and admiration of the fastidious and artistic. The cases are wrought out of heavy brass, and heavily gold plated in our own plating department. The front, back and sides are of beveled plate glass, excepting No. 103-M, which is of solid brass except the front. These three designs are a triumph in the three styles of metal case mantel clocks.

One Hundred-One-M

Equipped with 140-beat movement, is 13 inches high, 8 inches wide, 7 inches deep, with a 5-inch dial, squared corners. Price, \$40.00

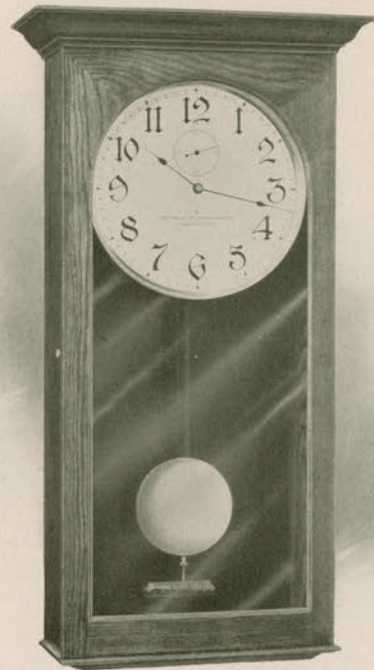
One Hundred-Two-M

Same movement and dimensions as 101-M, round corners. Price, \$44.00

One Hundred-Three-M

Same movement, height and dial as above, with a width of 9 inches, and a depth of 6 inches, with rounded top and squared design of base. Price, \$50.00

There are many fussily ornamental mantel clocks of floral and spiral dust-catching design, that often make a favorable impression at first glance, but to the builders of rich and cosy homes, the lovers of the refined and the beautiful, our three mantel clocks on the opposite page will appeal, for a lifetime. Their cases are a work of art and their value is "pure gold" all the way through.



Number 2-A

A plain, rich case, in Antique Oak or Birch, with Mahogany finish. Equipped with our 100-beat movement. Length, 26 inches; width, 14 inches; with a 9-inch dial. Price \$26.00

Our Clock Cases

Our Clock Cases are made from the best material and by the most expert workmen. We make no case whatever with an idea of cutting down the cost of construction by the substitution of inferior material or inexperienced labor. Every case we turn out is perfect in every detail, and made to hold the beauty of their finish for a lifetime. Not "how cheap," but "how good," has always been our motto.

Quarter Sawed Oak, solid Mahogany and Birch, with mahogany finish, are our popular wood cases, while our metal cases are wrought out of heavy brass, heavily gold-plated, in our own plating department.

We never have, and never will, manufacture an inferior clock case. We intend that every case we turn out shall be an endless testimonial to the worth and quality of our goods.

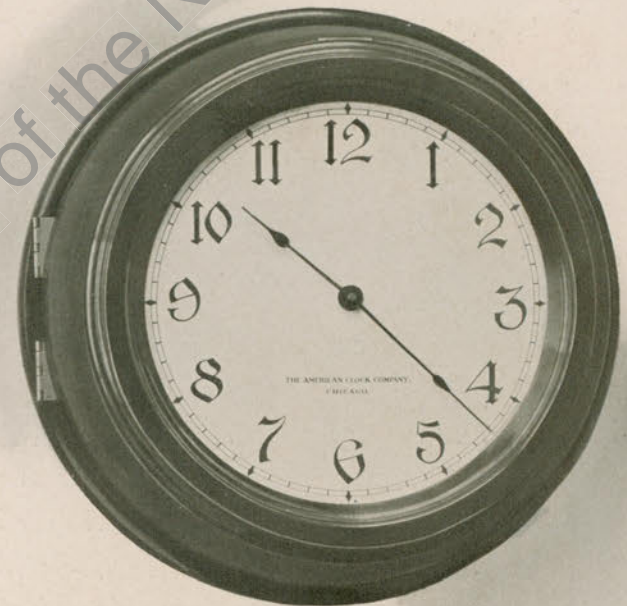
American Clock Company - Chicago



Number 1-A

Our No. 1-A is a plain, rich and substantial clock and a splendid timepiece for schools, offices, buffets, etc. Case comes in Antique Oak or Birch, with Mahogany finish. Length, 26 inches; width, 20 inches; with 14-inch dial. Price . . . \$32.00

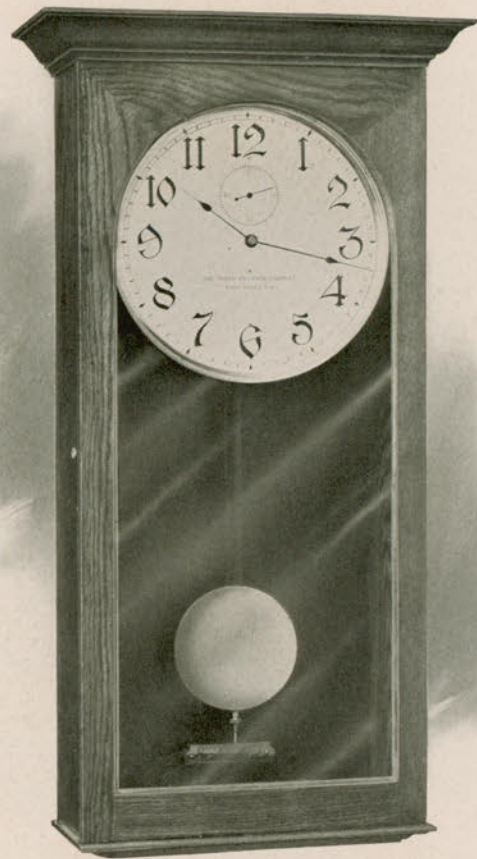
American Clock Company - Chicago



Number 3-A

Our No. 3-A is a neat, rich looking clock, and there are many places that it can be used to a better advantage than the square designs. The case comes in heavy Antique Oak, and Birch with Mahogany finish. Diameter of case, 19 inches; with 14-inch dial. Price \$38.00

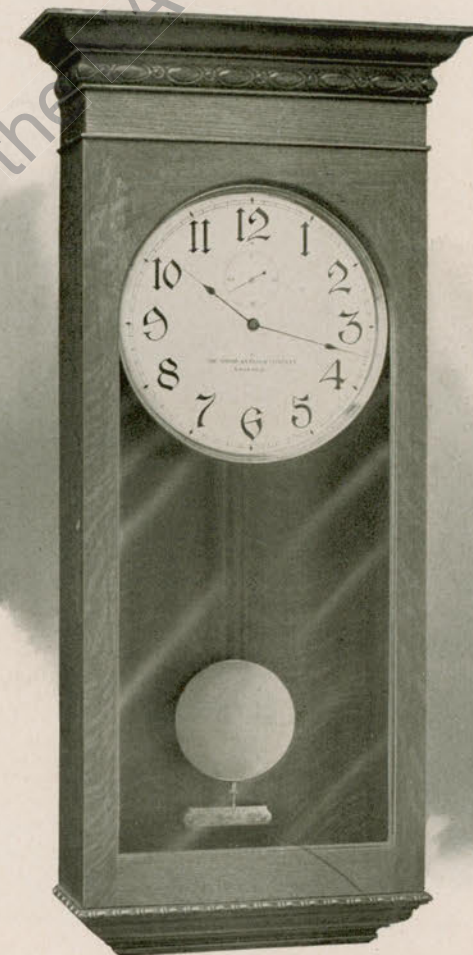
American Clock Company - Chicago



Number 2-B

Our No. 2-B is absolutely plain in design, but with a finished style and a rich appearance that has always designated it as one of our most popular clocks. The large glass in door makes it very popular where a name or printed design is used thereon. Length, 36 inches; width, 19 inches; dial, 12 inches; 80-beat movement. Price . . . \$30.00

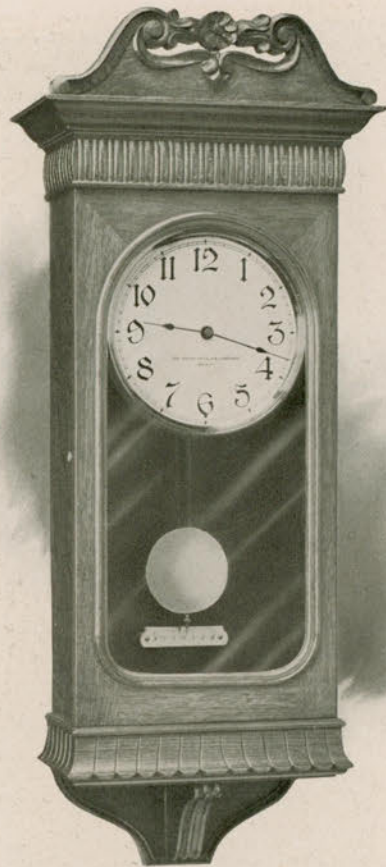
American Clock Company - Chicago



Number 5-B

Our No. 5-B is a clock that is always popular in public buildings, counting houses, halls, large offices, etc. The Government uses many of this design in its new federal buildings. Eighty-beat movement. Length, 41 inches; width, 19 inches; with a 12-inch dial. Price . . . \$38.00

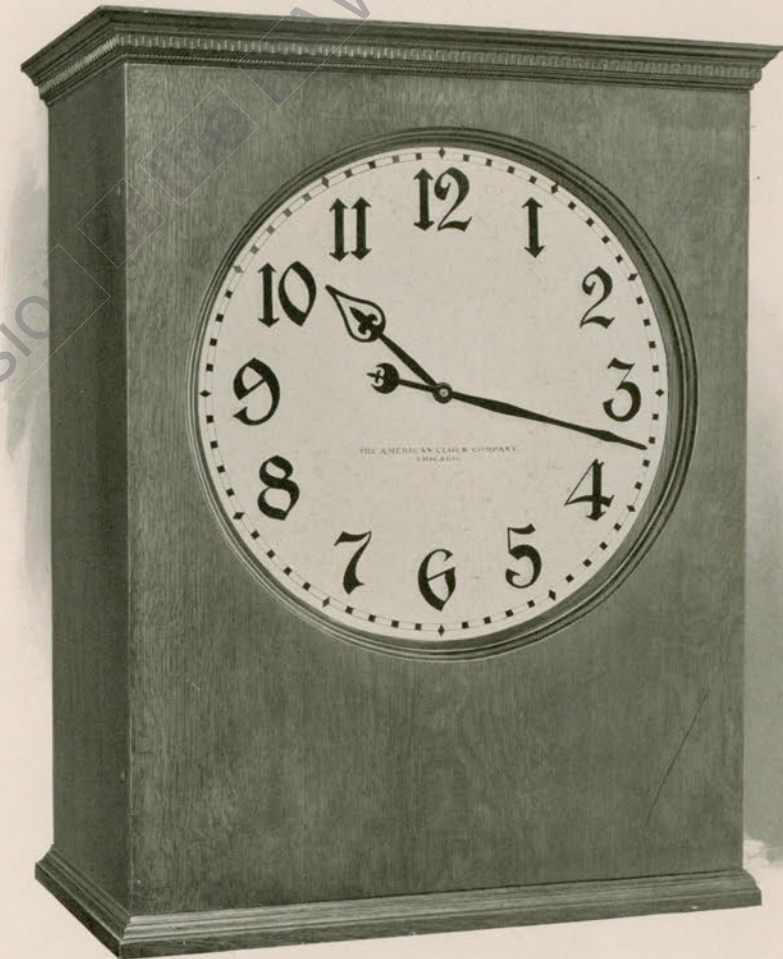
American Clock Company - Chicago



Number 10-AA

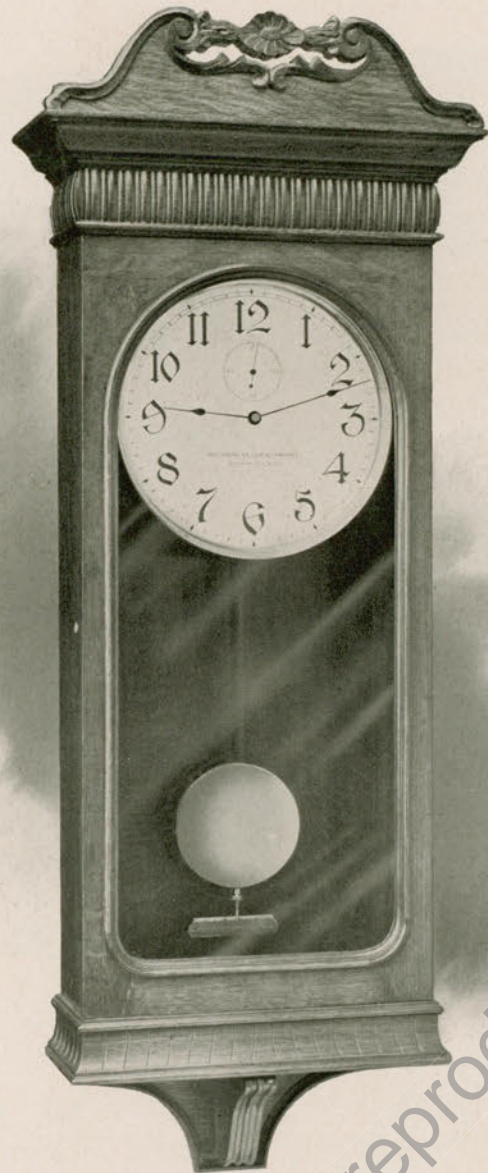
Our No. 10-AA is a unique and very popular design for residences and small offices. The case is either in Antique Oak or Birch, with Mahogany finish. Equipped with 100-beat movement. Length, 37 inches; width, 13 inches; dial, 9 inches. Price \$36.00

American Clock Company - Chicago



Number 1-B

Our No. 1-B is a mammoth and substantial design admirably adapted to use in halls, railway stations, hotel lobbies and large rooms generally. The case is massive and rich looking in Quarter Sawed Oak, or Birch with Mahogany finish. Length, 43 inches; width, 33 inches; with a 24-inch dial. Equipped with our 80-beat movement. Price \$60.00

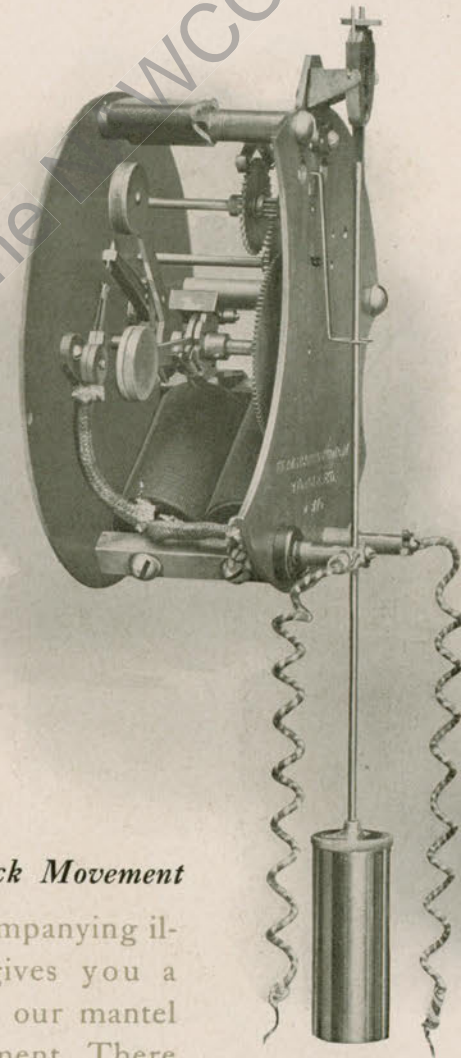


Number 10-B

Is admirably fitted for nicely furnished business offices, public buildings, halls, banks, etc., where a large, rich clock of artistic design can be used.

Case made in Antique Oak, or Birch with Mahogany finish.
Length, 52 inches, width, 19 inches, with a 12-inch dial.

Price, \$50.00



Mantel Clock Movement

The accompanying illustration gives you a nice view of our mantel clock movement. There is very little to it, its mechanism being of the most simple character, and can be understood by a child, yet it is the basis of the most perfect time-piece ever designed. The graduated nut at the head of the pendulum makes an adjustment in each graduation sufficient to correct a variation of one minute per week, making its regulation very easy. Being non-striking, it is a very popular movement for parlor and sleeping rooms.



Number 1-C

Our Regulators

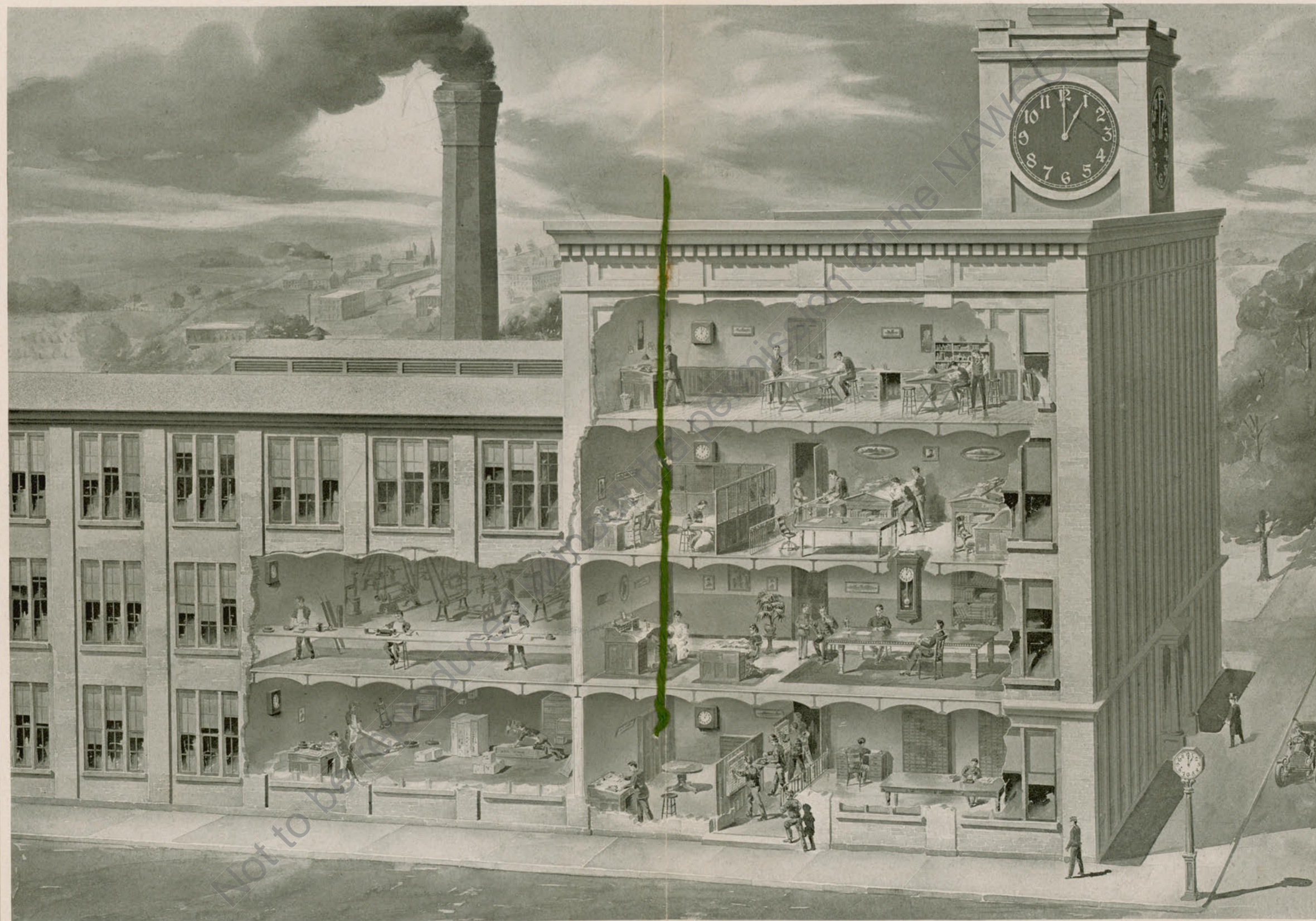
Number One-C

Number 1-C is a fine looking timepiece, and a thoroughly reliable Jewelers' Regulator. The case, of either Quarter Sawed Oak or solid Mahogany, is equipped with a 60-beat movement. Length, 79 inches; width, 23 inches, with a 14-inch dial.

Price, \$100.00

Number Two-C. (Frontispiece)

There is no better clock manufactured today than our No. 2-C, shown on page 4. It is as perfect a timepiece as the modern genius of man has been able to design up to the present time. Can be furnished with or without sweep second hand. Equipped with 60-beat movement, four jar mercury compensating pendulum. Case of Quarter Sawed Oak or solid Mahogany. Length, 79 inches; width, 23 inches; dial, 14 inches. With sweep second, \$180.00; without sweep second hand, price, \$170.00



AMERICAN CLOCK COMPANY'S TIME AND COST KEEPING SYSTEMS—See Page 26

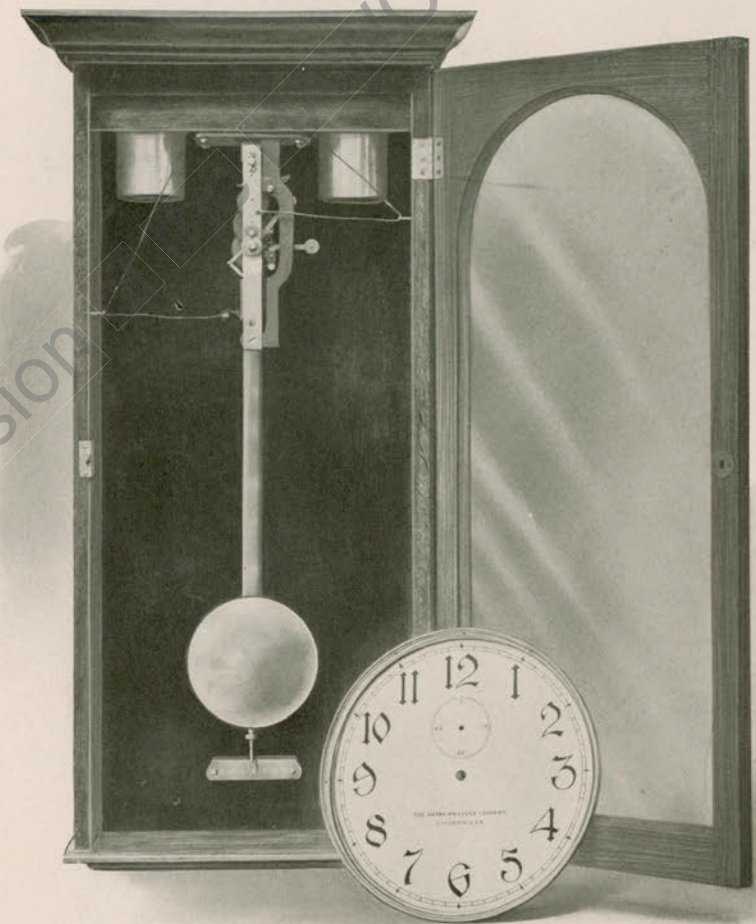
Descriptive of Illustration

The illustration, pages 24 and 25, gives the sectional view of a factory, showing our Electric Master Clock operating our Secondary Clock System, including our Street and Tower Clocks, our Time Recording System and our Time Stamps.

The Master Clock, as shown in the general offices on the second floor, is connected by a flexible wire with the Secondary Clocks in the various rooms, the Tower and Street Clocks, Time Recorder for employes, who are shown as registering in from the lunch hour, and the Time Stamps shown on the desks in the various departments.

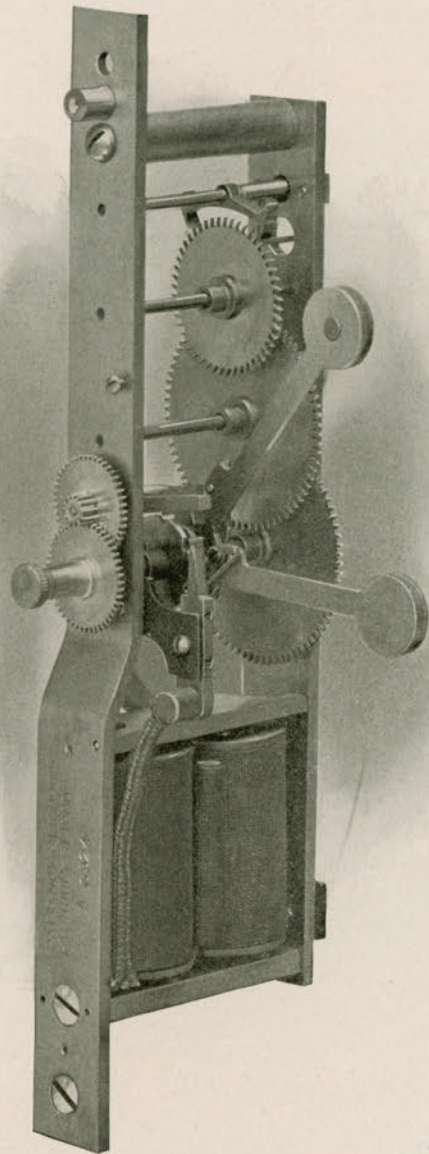
The same accurate and uniform time is assured, by our Systems, in each and every department of the factory, in the Time Stamp, Time Recorder, Tower Clocks and the Secondary Clocks.

As accurately as a regulator can measure time, our Master Clock directs the time of our Secondary Clocks and time devices in every department of your business. Your employes in various rooms are not put to the inconvenience, and you are not put to the loss of time, of having a time system in your factory that varies from two to five minutes, thus causing annoyance, disputes and disorder in your store or factory four times each day. All this loss falls on you, Mr. Employer, and every year you are losing more than it would cost to equip your place of business with our time system, which is a systematizer, a satisfaction and a moneymaker for you every day of the year.



Regulation

Our wall clocks are regulated by a graduated nut at the lower end of the pendulum, each space between the graduations being sufficient to correct a variation of one second in twenty-four hours. The principle of regulation is the same as in all styles of pendulum clocks—by raising the pendulum ball when it is losing, and lowering it when the clock is gaining time.



Wall Clock Movement

Our wall clock movement is a combination of the practical, the accurate and the reliable. The illustration shows it in the perfection of its simplicity. The two little weights drive the clock by electric power furnished by the batteries. It is the prize winner of all clock movements and its simple features are a revelation in clock building.

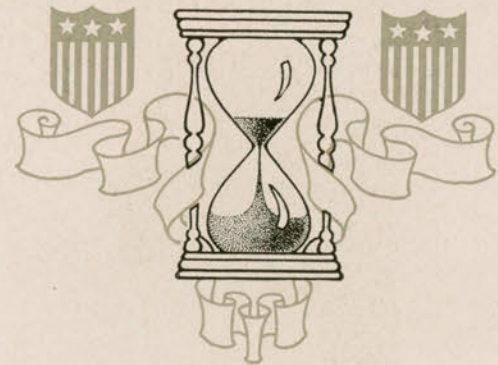
The American
Clock Company
Business Systems

Electric Time Stamps

Time Recording Systems

Secondary Clock Systems

Synchronous Time Systems





*Clock and
Stamp*

Number 2-B



DATING devices are becoming almost a necessity to every line of business, and the evolution from the untidy rubber stamps, through the various designs operated by a clock mechanism within, have fully attained perfection in the Electric Dater, that prints an inscription that is an ornament to your correspondence, and dates correctly and accurately to a minute.

The fact that one master clock will operate as many stamps as you desire assures the user that a uniformity of time is always maintained throughout an entire system.

Something About It

Our Electric Time Stamp consists of a hollow metal base, with an electro magnet, a projecting arm hinged to base carrying the head containing the metal dating wheels and an inked ribbon.

The stamp is operated by electricity, which can be obtained either from a direct continuous electric light current of 110 volts, such as is usually used in offices, alternating current, or batteries.

The time is governed by a clock, which is located at any convenient place and connected with the stamp by a flexible wire; the current for operating the stamp passing through the clock and wire to the

American Clock Company - Chicago

stamp. This is a great advantage, as the impact caused by the use of the stamp does not affect the clock; consequently we have an accurate timekeeper in both clock and stamp.



This stamp is almost an indispensable necessity to the desks throughout your general offices, as it enables you to accurately check all business transactions through all their various stages and in all departments until completed. As a cost-keeping stamp in manufacturing institutions this stamp furnishes the ideal service, and can give you the exact time put in by an employe on any piece of work assigned to him.

American Clock Company - Chicago

Any number of stamps can be operated from one clock, but where more than two are used a relay is required.

The stamp is automatic in its action, changes every minute, and prints the year, month, day, hour, minute, A. M. or P. M. The impression is made in a straight line of plain, readable type as follows:

FEB. 14 2-30 PM 1907

Plates can be made to your order to do the work in any line you care to use them. Here are samples in use:

ROGERS & COMPANY AMERICAN CLOCK CO.

RECEIVED

Shipping Dept.

JAN 10 9-20 AM 1907 SEPT 22 1-25 PM 1906

Ref'd to _____

Sent via _____

**RECEIVED
CREDIT OFFICE**

RECEIVED

AUG 19 2-30 PM 1906 MAY 21 10-20 AM 1905

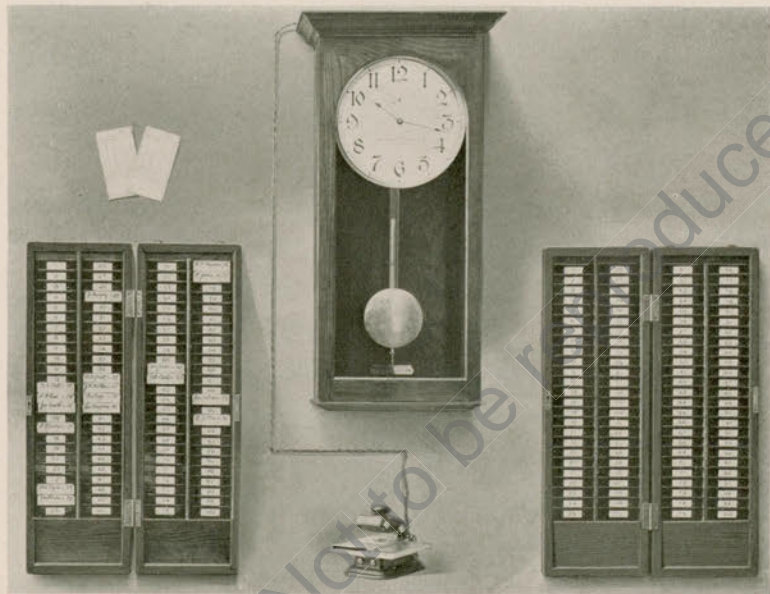
John V. Farwell Co. AUDITORIUM ANNEX

For operating our time stamp we recommend our beautiful No. 2-B clock. The case can be furnished in Antique Oak, or Birch with Mahogany finish. It is equipped with our 80-beat movement, and is 36 inches long, 19 inches wide, with a 12-inch dial. The price of this clock complete with mechanism for operating stamp is \$20.00. The price of the time stamp complete with name plate is \$30.00, making this stamp and clock ready for installation at a price of \$50.00

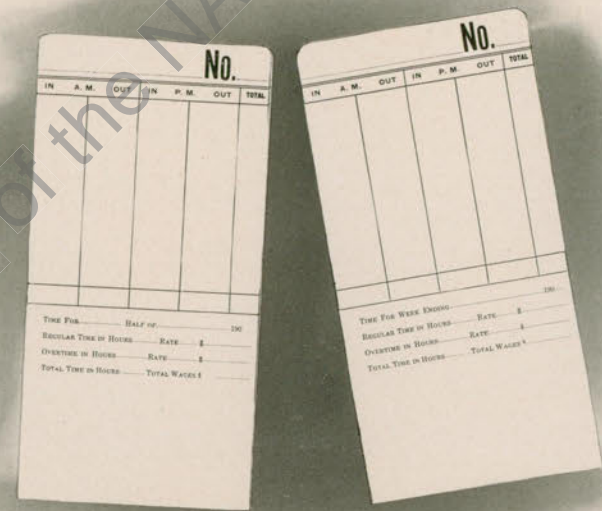


THE cut shows it all, and a few lines tell you all about it. It just consists of an electric clock and time stamp with a card plate attachment, and a card rack for depositing the cards used by the help in registering their time.

A line of employes can register in and out and hardly miss step. As shown in the illustration, the racks are placed on either side of the recorder. In coming in the employe takes his card upon which his name and number appear from the first rack, registers his time, and passes to the other rack where it is deposited in the receptacle of the proper number, and in coming out this action is repeated.



American Clock Company - Chicago



Our Half-monthly and Weekly Time Cards

Our half-monthly record, as shown above, is certainly as complete, concise and condensed as can be made. It makes each individual card complete in itself, from which the timekeeper can make up the pay roll in the least possible time. To those who pay their help twice per month, our semi-monthly card is deservedly very popular, as it is a great saving in clerical help and furnishes a record that at once puts an end to all disputes. It is an infallible guarantee of an accurate basis of settlement between employe and employer.

American Clock Company - Chicago

Our Weekly Time Card

Our weekly record, you will observe from the cut, is made upon the same size card as our half-monthly, the registering being given double spacing. One cannot conceive of so neat a record being made by any other system.

For handling overtime, such as night, holiday or Sunday work, which is often put in by regular employes, we have a special printed form on the back of the regular card. Overtime work is often put in at a different rate than that paid for regular time, and the footings on the back of the card are transferred to the blank prepared for same on the face of the card, making the record and footings complete.

How do You Keep Time?

Any firm or individual employing help must certainly realize the money they are losing daily if a strict account of time is not kept. This is just as true where you are employing 5, as 50 or 500. The question of whether or not you should keep a check upon the time of your help, the time that is costing you just so much money per minute, is already answered, and the question that you ask yourself is, "How shall I keep it?" It is in answer to this query that this department is dedicated.

The Complete, Condensed and Accurate way is the one that will appeal to you. A time recorder that an employe can understand the use of at a glance and can use without a lesson in mechanics—as is necessary in the introduction of most time recording systems—

American Clock Company - Chicago

is the one you will like the best. Our Electric Time Recording System is in a class by itself, and a generation ahead of all competition in its line. The time of an employe is indicated to a minute when he comes in and when he goes out, and his record will give you to a minute, the exact time he has given you each day. It will tell you whether or not he is generally punctual in and out, or irregular in his hours; *it tells you all*; it really gives you an index of the character of your help, as punctuality is a virtue that ranks as high in placing a value upon an employe's services as any other quality.

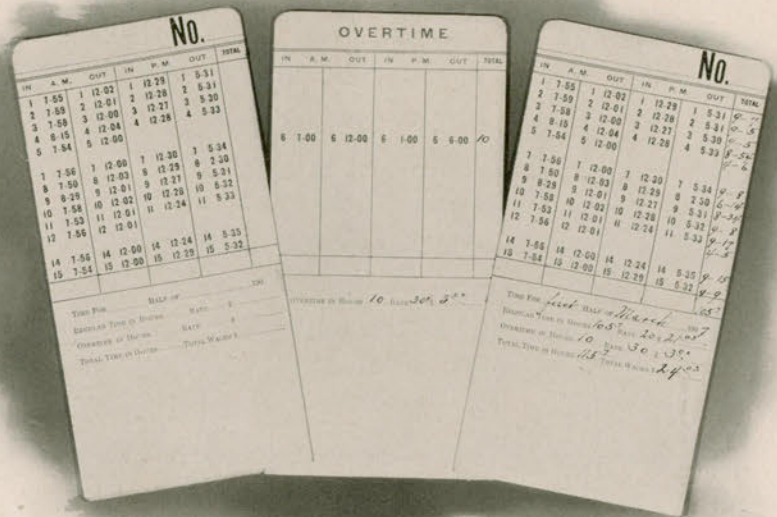
Always in Order

The fact that only a flexible wire connects our recorder with the clock that governs the time, assures the user that no rough usage, hard impact or jar, can affect the time that our recorder should register. It is always in order and you can always bank upon its work being correct.

Card Racks

Our regular stock card racks are made in sizes to hold either 25, 50, 100 or 200 cards, as you may require. If you require a larger card rack, we can make it to your order or you can use two or more of our smaller sizes. Our racks are of oak, nicely finished, with metal apartments for holding the cards. Each of these apartments or receptacles is numbered in plain gothic figures.

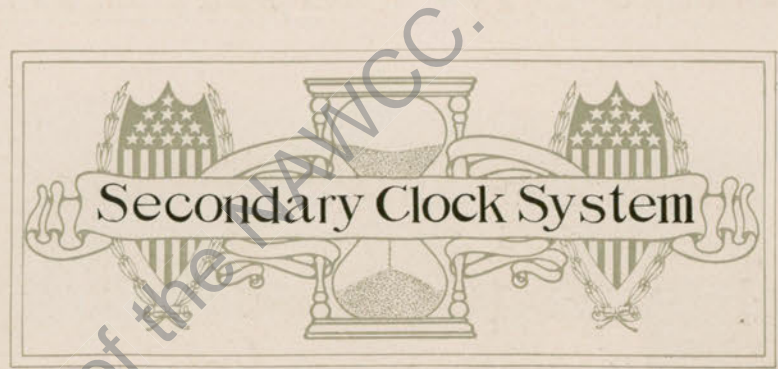
American Clock Company - Chicago



The Complete Record

The card on the left shows you the record as made up by the employee. The "Overtime" blank is printed on the back of the card, where any overtime is also registered by employee. The card on the right shows you the record as made up by timekeeper. The systems quoted below consist of our No. 2-B clock, two card racks, and Time Recorder complete, and the prices are as follows.

- For keeping the time of 25 employees . \$70.00
- For keeping the time of 50 employees . 75.00
- For keeping the time of 100 employees . 80.00
- For keeping the time of 200 employees . 85.00



HERE we have a time system that is especially adapted to large manufacturing institutions, factories, school buildings and public institutions where an accurate and uniform time system is necessary.

This system is operated by our magnificent 60-beat Regulator, which acts as the Master Clock to guide with unvarying accuracy, from one to a hundred or more secondary clocks, by which it is connected by a small, flexible wire.

The secondary clocks are operated by electricity, which can be obtained either from a direct continuous electric light current of 110 volts, such as is usually used in offices, alternating current, or batteries.

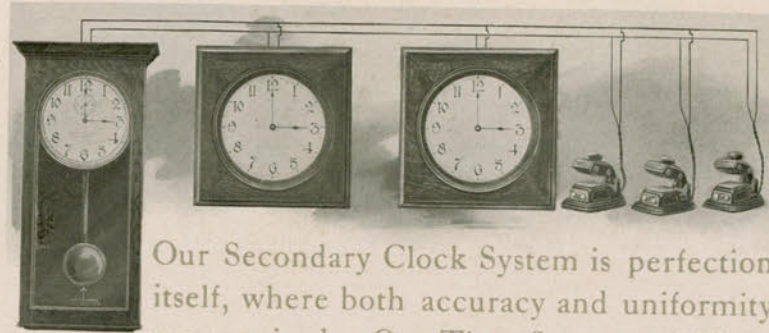
Here we have the perfect time system for the situations for which it is especially recommended.



Cut showing block on top of the Master Clock to which the wires are attached

Public Schools, with the ordinary clocks, are continually being disturbed by a difference of two or three minutes of variation of time by the clocks in the various rooms; factories, which employ a great amount of help in their various departments, are likewise annoyed, and much time lost by such disturbance.

American Clock Company - Chicago

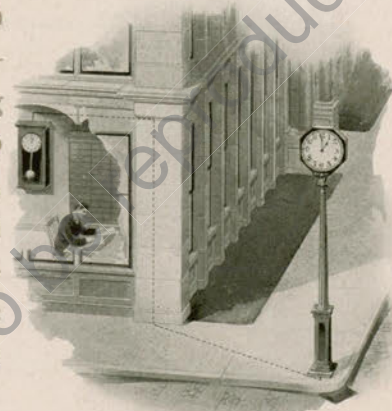


Our Secondary Clock System is perfection itself, where both accuracy and uniformity are required. Our Time Stamp and Time Recording System can be operated in connection with this time system.

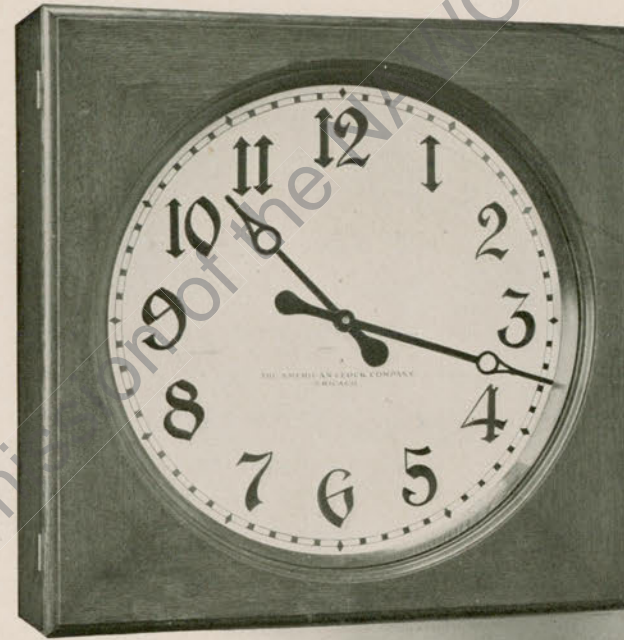
For Tower and Street Clocks

No matter how high the tower, a small flexible wire connected with our master clock, which may be installed in your office, will operate your Tower Clock as perfectly as a regulator can measure time.

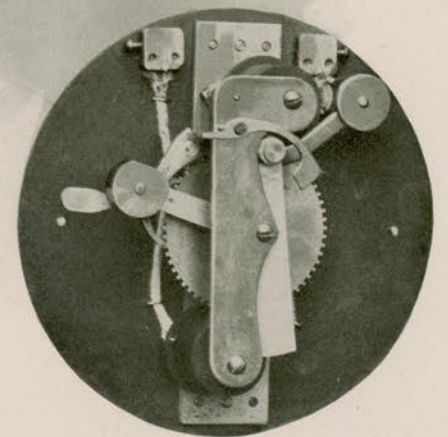
A handsome street clock is a substantial dividend-paying advertisement, and a much appreciated convenience. Ordinary movements in street clocks have not been a success on account of change of temperature, vibration and other hardships. Our secondary movement remedies all of these impediments, and makes your street clock as perfect a timepiece as the regulator in your office which operates your street clock— a small flexible wire running under the sidewalk and up the post of your street clock, governing the time, as shown in the illustration. If interested in a street clock, write us for special information and prices.



American Clock Company - Chicago



*Secondary
Clock and
Movement*



Secondary Clock Cases

Our secondary clock cases come in Antique Oak or Birch, with Mahogany finish. They are heavy, substantial and plain, with a rich finish that adds to the appearance of any room in which it is placed. We make up our regular stock in four sizes, 12, 14, 18 and 24-inch dials.

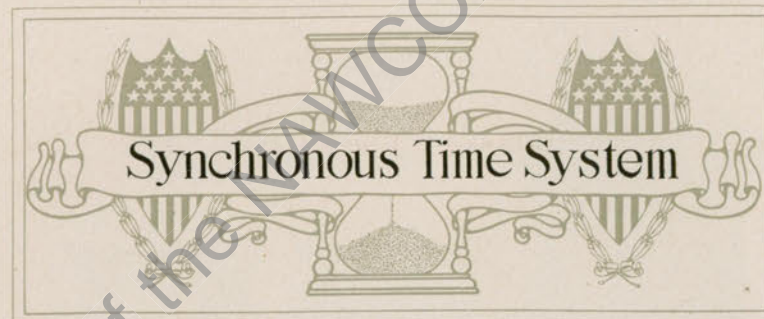
Our Secondary Movement

There is hardly enough to our secondary movement to photograph, yet it is so nearly human in its mechanism, so positive and intelligent in its action, that it comprises the important part of the most perfect time system extant. Every sixty seconds the master clock makes a contact which allows a current of electricity to pass over the wires to the secondary clocks, raising the weighted lever, which carries the hands forward one minute when contact is broken.

The wiring and installation of our secondary clock system are very simple. The illustration on page 40 gives you an outline of the wiring with both the secondary clocks and our time stamps connected up with the master clock from the same wires.

For a master clock to operate our secondary clock system we recommend our beautiful Regulator No. 1-C, described elsewhere in our catalogue. The prices on our secondary clocks are as follows:

24-inch dial, case 30 inches square . . .	\$30.00
18-inch dial, case 24 inches square . . .	25.00
14-inch dial, case 20 inches square . . .	24.00
12-inch dial, case 18 inches square . . .	23.00



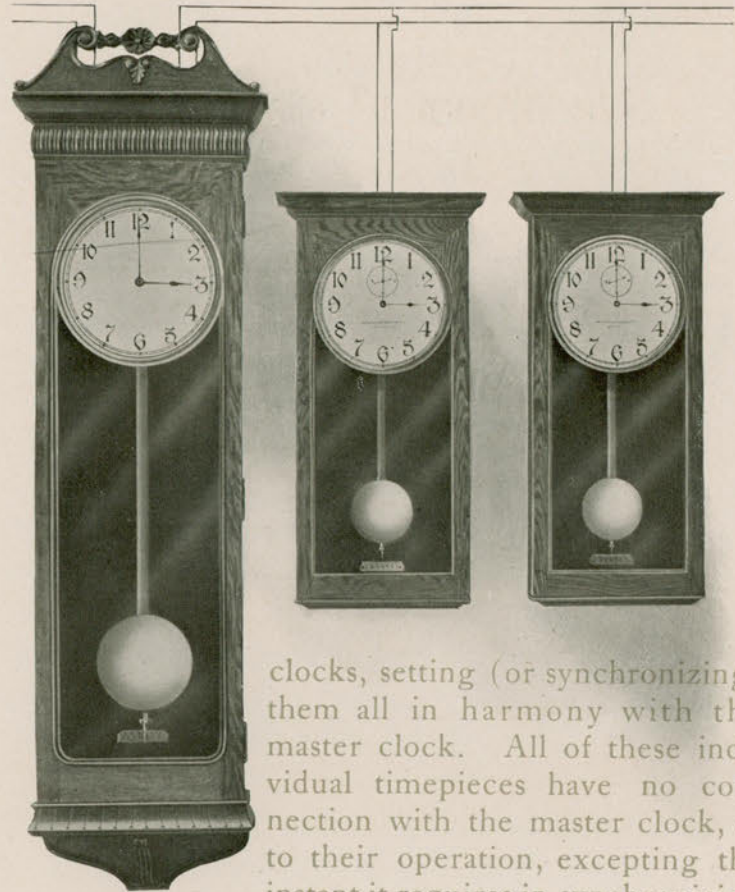
An accurate and uniform time system is daily becoming more of an urgent demand upon those who would keep step in the ranks of progress that are marshaled by the lieutenants of modern business methods, whose edicts must be obeyed under penalty of oblivion that is enforced by the forces of competition in whose equitable minds favoritism has no place.

Our Synchronous Time System is especially recommended for large manufactories, public institutions, department stores and establishments of like character.

It consists of our sixty beat master clock connected with as many of our individual clocks as are desired in your various departments. Each of our individual clocks in this system is equipped with a synchronizing attachment and once every twelve hours, the sixty beat regulator, which we recommend as a master clock, makes an electric contact, passing a current over the wires to the individual



“Our Time is Absolutely Correct”



clocks, setting (or synchronizing) them all in harmony with the master clock. All of these individual timepieces have no connection with the master clock, as to their operation, excepting the instant it requires in synchronizing them. As our electric clocks are

perfect timekeepers, a variation of more than a few seconds per day is not to be expected, but working as a harmonious synchronous time system, it furnishes the ideal service.

The above illustration shows our No. 1-C 60 beat regulator and our No. 2-B synchronizing clocks and an idea of their connection.

Prices

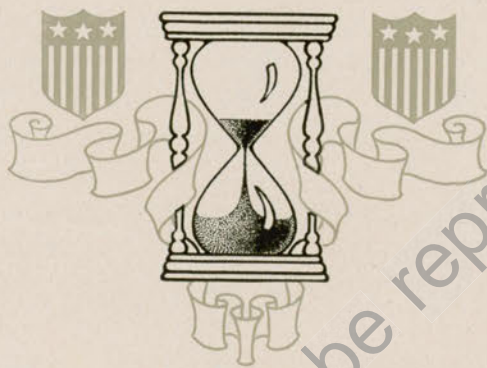
Any of our clocks that are operated by our 80 or 100 beat movements can be equipped with our synchronizing mechanism ready for installation, at an additional net cost of five dollars.

The Stamp of Excellence

On account of the perfection and superiority of their timekeeping qualities, simplicity of construction and excellence and beauty of finish, our clocks received the highest award, the renowned Gold Medal, at the Paris Exposition in 1900, in competition with the clock building genius of the world; and, again, at the Pan-American Exposition at Buffalo in 1901, the astute judges of the world's timepieces again conferred the highest award to the product of the American Clock Company. After a competitive test of our clocks, made at the United States Naval Observatory at Washington in 1899, we were awarded the government contract, and this has been renewed with each succeeding year. The above statement absolves us to a great extent from dwelling at length upon the merits of our clocks, which, in competition with the world's best product, have stood the "Tests of Time."

A n n o u n c e m e n t

IT will be of interest to many dealers to know that our factory is equipped with the finest Electro-Plating plant that modern genius could design and install. The most approved plating in gold, silver, nickel, brass, copper and bronze in any finish you desire promptly turned out to your order. This plant, in connection with our manufactory, assures you that we are prepared to make any needed repairs, supply parts and make new any work in this line that is assigned to us. A specialist in band instruments is in charge of that particular line. No order too large to be taken care of promptly, or too small to receive the most careful consideration.



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