

The Howard Banta Alarm Clock Chapter



Chapter 178 of the National Association of Watch and Clock Collectors

www.acc178.org

July 2016

President's Message

“Thank you”

As you probably remember in the last newsletter I thanked all who have contributed to our newsletter and also asked those who would like to contribute to contact me. I was delightfully surprised to have a few members contact me with pictures and ideas. First, I would like to thank Dennis Sagvold for all his contributions in this current newsletter. Dennis, of course, has an extensive alarm clock collection that he loves to share with the membership. Take a look at his current contributions and send either Bob Linkenhoker or myself a note about them. I have also been contacted by Ken Reindel. Years ago he was nice enough to contribute articles that he called “Ken’s Corner”. He has agreed to offer articles for newsletters and you will be happy he did. Welcome back Ken! Another member who has offered pictures and articles was Joel Zautner. I do not believe that he has written or contributed pictures in the past but he has some interesting ideas for articles. Can’t wait to see them.

Of course, I will still try to supplement and share some of my own ideas and collections.

I would like to personally thank all who have contacted me and offered to share some aspect of their collection and knowledge.

Again, we are still looking for those others that would like to contribute to one of the best Newsletters in the NAWCC.

The:

‘Howard Banta Alarm Clock Chapter #178’

Vince Angell

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1928 – 1929 Catalog

EDITOR’S NOTE

For this edition I received the very amusing article from member Larry Cooper and as a collector/hoarder myself I have to agree with his assessment. Also in this edition are pages from the Ingraham catalog that mostly refer to Alarm clocks. Dennis Sagvold found this catalog at the Ventura California regional in February. We both believe that this was an unusual find as it is in color and the printing of color catalogs would have been quite expensive in the late 1920’s.

WITH OUT YOUR HELP THERE WILL BE NO NEWSLETTER

So please give some consideration to sending material with or without pictures.

rlink3@juno.com, by phone at 951-898-5825

or e-mail mail at:

Chapter 178

7186 Calico Circle

Corona, Ca. 92881



ALARM CLOCKS ARE A PRECURSOR DRUG

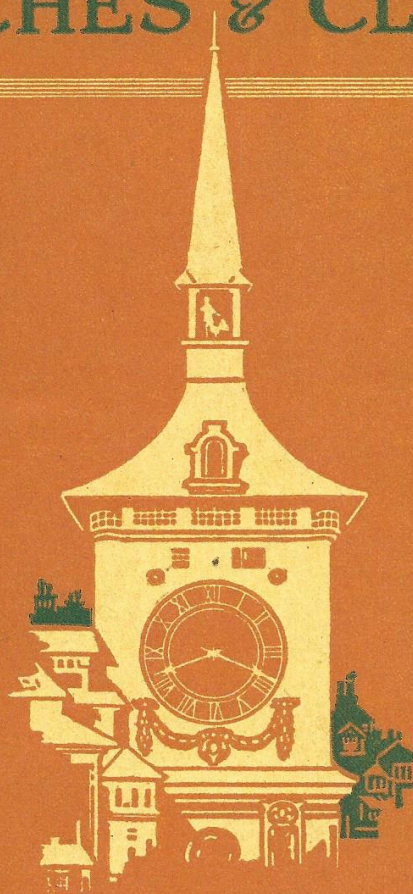
By Larry Cooper

Sure, you are at a party and someone hands you an alarm clock, it all seems innocent enough. Hey, you want this? It's broken and I heard you like to fix alarm clocks. "Well sure" you say. Well I am here to tell you, that little Baby Ben can lead to the hard stuff. My wife and I started out collecting pocket watches and had no interest in clocks. That said, my being an engineer, I just had to start taking some of my non-working watches apart. I soon discovered that I didn't like working through a microscope, so I threw in the towel on fixing watches. Then at a NAWCC meeting, one of the members who knew I was starting to work on timepieces suggested that I try fixing alarm clocks. With that suggestion, he handed me a box of dead alarm clocks and told me to "have at it" as I couldn't do any damage to this box of junk. Well as you can see from the left-hand picture above, not only did I fix most of them, but I got into total restoration. Through alarm clocks I discovered that my true love was to take something that was on its way to the dump and bring it back to life. I bought a sandblasting cabinet and took them back to bare metal, used a little body filler if needed to take the bangs out, shot them with several coats of lacquer, clean and oil the movement and just like magic, a brand new alarm clock. Soon after I took some of my work to "show & tell" at the chapter, I was given an Ingraham black mantle clock that was literally in parts in a box. It was my first time doing a bushing job, but thanks to books and the Internet, I figured it out.

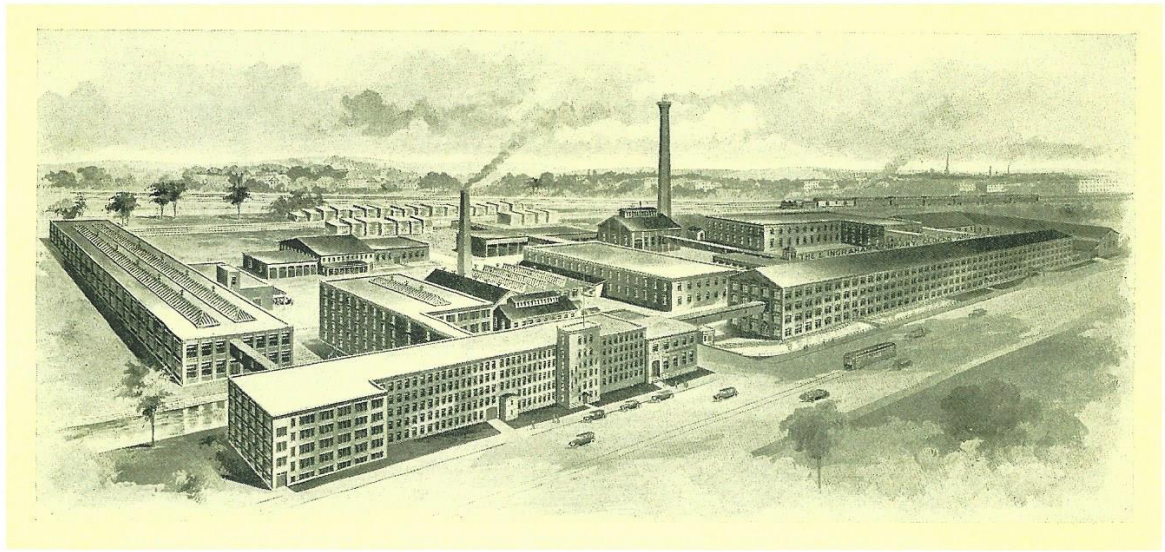
E-Bay became my hangout for parts as the clock was missing the dial and hands. I took this to "show and tell" and the snowball just kept rolling. Now after six years, many books, and working as a full time clock restorer for a year and a half, I am tackling chime clocks like the picture on the right as a normal way of life. Looking back, I blame my collection of over 700 clocks and watches and my unending passion for clock repair to that box of broken down alarm clocks. So collect if you will, but start repairing them at your own risk it just may lead to!!!

an uncontrollable hobby or career.

INGRAHAM WATCHES & CLOCKS



1928 - 1929



PRESENT PLANT OF THE E. INGRAHAM COMPANY

A Bit of History

The E. INGRAHAM COMPANY was founded by Elias Ingraham, who, after serving his apprenticeship as a cabinet maker in Marlborough, Connecticut, came to Bristol in 1824 and started in the clock business by making clock cases under contract for Lawson and Chauncey Ives and later for others.

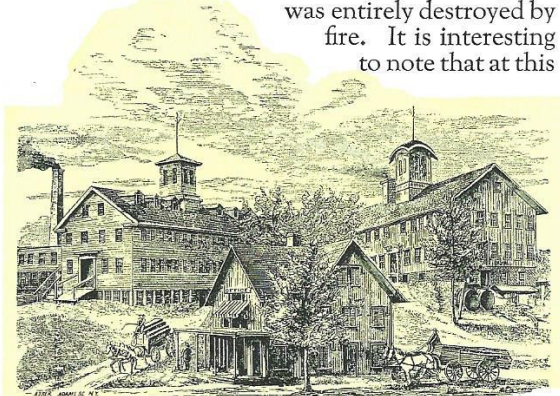
In 1835 Elias Ingraham bought a shop, with water privileges, and commenced making clocks on his own account. He continued making clocks until 1843, when he formed a partnership with Elisha C. Brewster and his brother, Andrew Ingraham, under the name of Brewster & Ingrahams. This firm was succeeded in 1848 by E. & A. Ingraham, who continued business until 1855, when their plant was entirely destroyed by fire. It is interesting to note that at this

time they had New York connections with Edmund Clarence Stedman, the banker poet, under the name of Ingrahams & Stedman.

Two years later, Elias Ingraham rented a shop, and in 1859 formed a co-partnership with Edward Ingraham, his son, which was continued until 1881, in which year a joint stock company was formed under the name of The E. Ingraham & Company, which was later changed to The E. Ingraham Company.

Elias Ingraham, the founder of this business, was born in Marlborough in 1805, and died in Bristol in 1885. Being a cabinet maker by trade, he naturally went into the clock business on coming to Bristol, for even as early as 1824, Bristol was known as a clock making center. Later, in 1855, there were about sixty independent clock producers, this concern being the only direct survivor. There were also numerous small manufacturers making clock parts, none of which now survive.

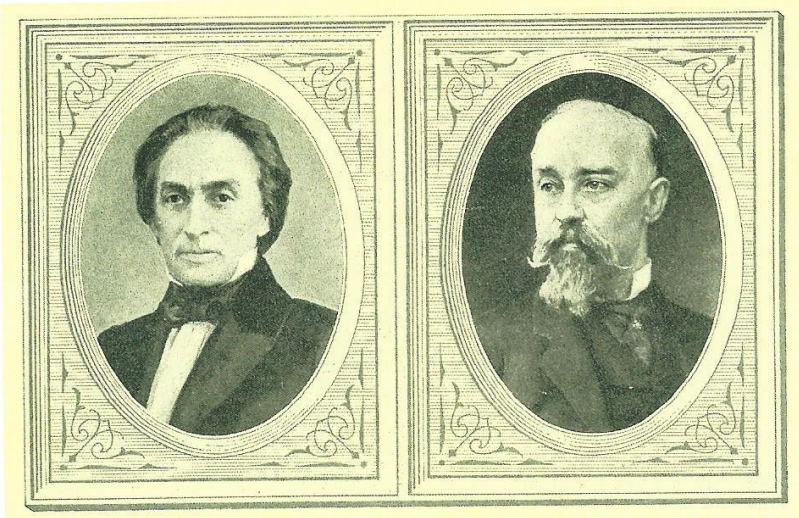
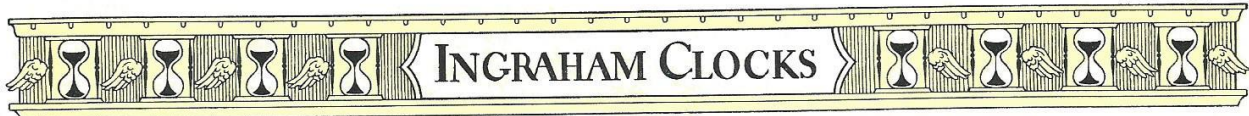
Elias Ingraham was a man of many superior qualities, and also of an inventive turn of mind. Seeking a wider market for his clocks, he went to Caracas, Venezuela, by sail, and on the long return voyage whittled out of a block of mahogany, with his jack-knife, the design for a clock case which was the original "Sharp Gothic," destined to play so large a part in the history of Yankee clocks.



Plant about 1875

(Continued on page eleven—last leaf in booklet)





ELIAS INGRAHAM
 Founder and President 1824-1885

EDWARD INGRAHAM
 President 1885-1892

(Continued from page two)

On his return to Bristol, he put this clock on the market and it became a quick seller. As he did not protect his design by patent, it was extensively copied, and it is believed to have been the best seller of any distinctly American design for clocks. This original design was by far the best in point of design of any of the Sharp Gothic clocks. It may also be stated that many popular designs for clock cases in use in the United States prior to 1875 were designed by Elias Ingraham.

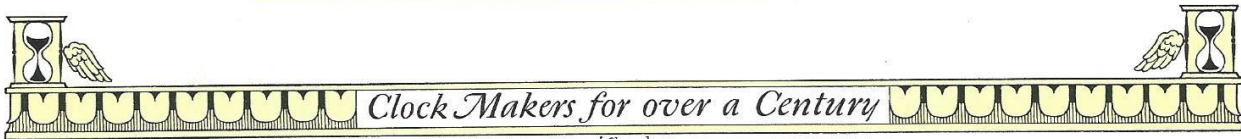
Edward Ingraham, son and partner of Elias Ingraham, conceived and originated the manufacture of the Black Enamelled Wood Case, which for many years was the standard finish for high grade mantel clocks.

Since the day of Elias Ingraham, this Company has always been at the front in respect

to the excellence of their designs and in their manufacturing facilities and methods. About 1898 this firm began the manufacture of standard alarm clocks; in 1913 the manufacture of low priced watches; and in 1915 of eight-day alarm clocks.

The entire plant today is equipped with the most modern machinery obtainable, and a large force of skilled American workmen is employed. The Company now produces and sells millions of clocks and watches yearly. The growth and success of The E. Ingraham Company is due to a policy of standardized quantity production, with consequent economies in manufacture; an efficient, consistent sales policy whereby its products are distributed at a minimum cost; and last but not least, an exceptionally low overhead.

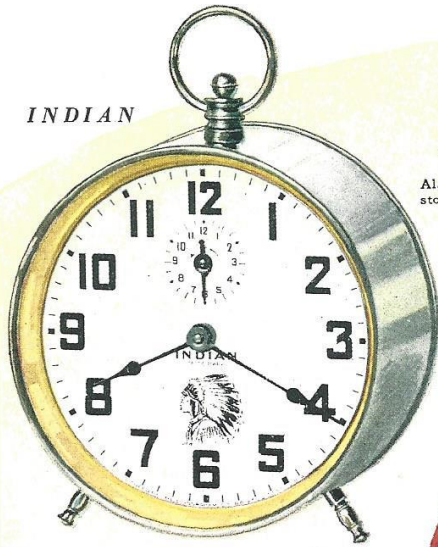
Guarantee ~ INGRAHAM WATCHES AND CLOCKS ~
 ARE THOROUGHLY TESTED AND CAREFULLY INSPECTED
 AND WE GUARANTEE THAT THEY WILL RUN AND KEEP GOOD TIME FOR
 AT LEAST ONE YEAR, IF NOT SUBJECTED TO MISUSE OR ABUSE. ANY
 FAILING TO DO SO WILL BE REPAIRED OR REPLACED (AT OUR OPTION)
 WITHOUT CHARGE. WE DO NOT, HOWEVER, GUARANTEE OUR WATCHES
 OR CLOCKS AGAINST MISUSE, ABUSE, OR DAMAGE IN TRANSIT, NOR DO
 WE GUARANTEE CASES AGAINST ORDINARY WEAR. WHEN REPAIRS OR
 REPLACEMENTS ARE REQUIRED DUE TO SUCH CAUSES A MODERATE
 CHARGE IS MADE THEREFOR.
 The E. INGRAHAM COMPANY



ONE-DAY ALARM CLOCKS

Ingraham Alarm Clocks fitted with famous stem shut-off.
Prices subject to change without notice

INDIAN



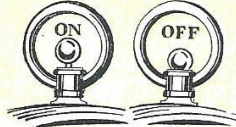
Height, 6 inches. Nickered and Polished. Polished brass mat. Bell inside of case. Stem shut-off.

Case Lots (50 clocks), each \$1.58
Smaller quantities, each \$1.62

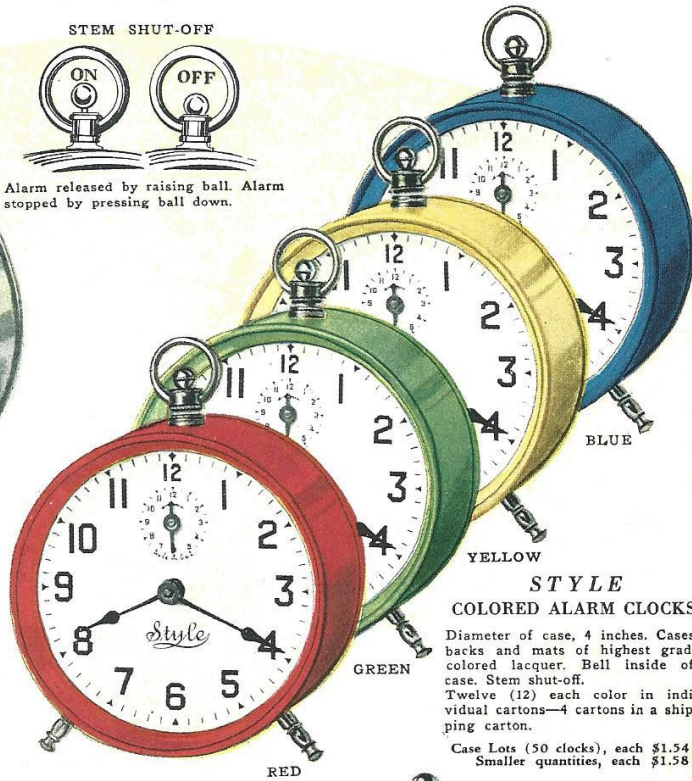
May be had with Radium dial and hands under brand X-Ray.

Case Lots (50 clocks), each \$2.64
Smaller quantities, each \$2.74

STEM SHUT-OFF



Alarm released by raising ball. Alarm stopped by pressing ball down.

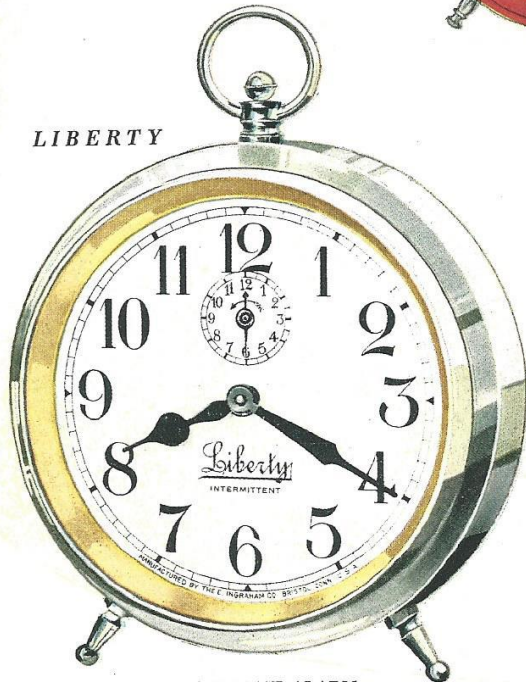


STYLE
COLORED ALARM CLOCKS

Diameter of case, 4 inches. Cases, backs and mats of highest grade colored lacquer. Bell inside of case. Stem shut-off. Twelve (12) each color in individual cartons—4 cartons in a shipping carton.

Case Lots (50 clocks), each \$1.54
Smaller quantities, each \$1.58

LIBERTY



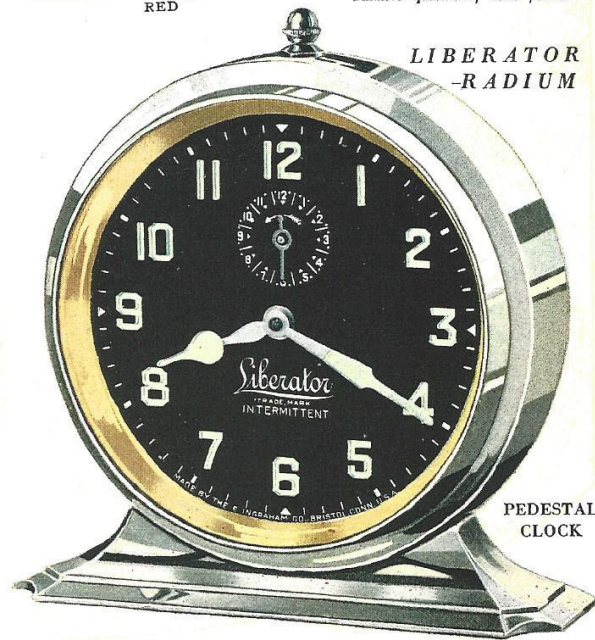
INTERMITTENT ALARM

Height, 7 inches. Nickered and Polished. Large bell on back. Stem shut-off. Ten minute intermittent alarm.

Case Lots (24 clocks), each \$3.22
Smaller quantities, each \$3.34

May be had with Radium dial. Case Lots (24 clocks), each \$4.26
Smaller quantities, each \$4.38

LIBERATOR
-RADIUM



PEDESTAL
CLOCK

Height, 6½ inches. Case and pedestal Nickered and Polished. Large bell on back. Stem shut-off. Intermittent alarm.

Case Lots (24 clocks), each \$4.78
Smaller quantities, each \$4.90

May be had with white dial.

Case Lots (24 clocks), each \$3.72
Smaller quantities, each \$3.84

INGRAHAM CLOCKS

EIGHT-DAY ALARM CLOCKS

Eight-day alarm clocks that are guaranteed to run eight days and keep correct time. Alarm controlled by the Ingraham Famous and Convenient Stem Shut-Off.



VICTORIAN

Pedestal Clock. Height, 6½ inches. Case and pedestal nickeled and polished. Large clear-toned bell on back.

Case Lots (24 clocks), each \$5.64
Smaller quantities, each \$5.82



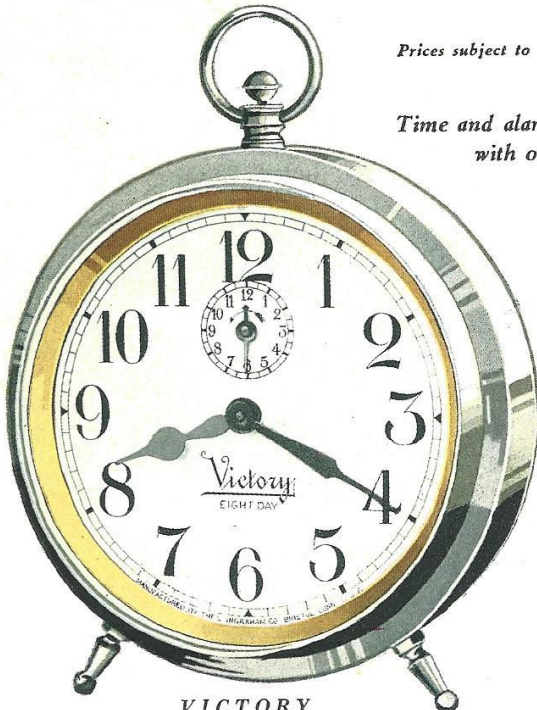
VICTORIAN RADIUM

Pedestal Clock. Height, 6½ inches. Case and pedestal nickeled and polished. Large clear-toned bell on back. Dial numerals and hands treated with a guaranteed radium preparation.

Case Lots (24 clocks), each \$6.82
Smaller quantities, each \$7.00

Prices subject to change without notice

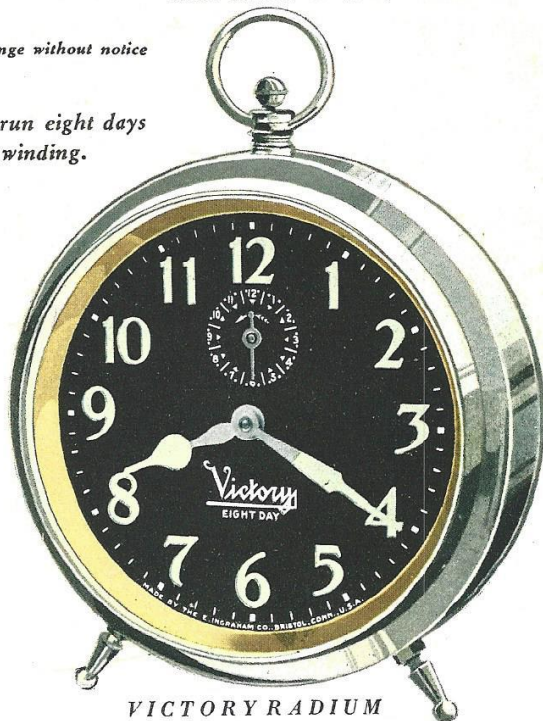
Time and alarm run eight days with one winding.



VICTORY

Height, 7 inches. Brass Case, nickeled and highly polished. Dial, 4½ inches in diameter. Large clear-toned bell on back.

Case Lots (24 clocks), each \$5.10
Smaller quantities, each \$5.28

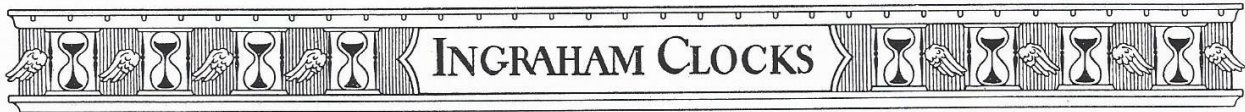


VICTORY RADIUM

Height, 7 inches. Brass Case, nickeled and highly polished. Dial, 4½ inches in diameter. Large clear-toned bell on back. Dial numerals and hands treated with a guaranteed radium preparation.

Case Lots (24 clocks), each \$6.12
Smaller quantities, each \$6.30

INGRAHAM CLOCKS



INGRAHAM Material Catalogue

1927

Terms to Wholesalers

Our Usual Discount from List Prices, f. o. b. Bristol, Conn.

Terms to Retailers

Net Prices as shown.

Please note that we cannot open ledger accounts for orders of material and we therefore request that remittance (check or money order) be sent with order. Compliance with above will expedite filling of orders.

All shipments f. o. b. Bristol, Conn. On shipments weighing 8 oz. or less add 4 cents for postage; shipments weighing over 8 oz. will be forwarded express collect unless sufficient is added to remittance to cover postage. If more than sufficient to cover postage is sent the overage will be refunded.

*We do not make C.O.D. shipments
Minimum charge on any order 25 cents*

In order to obviate mistakes we request that sample of part desired be sent, where possible, and name of clock or watch given.

We cannot furnish material for, nor repair clocks or watches not of our manufacture.

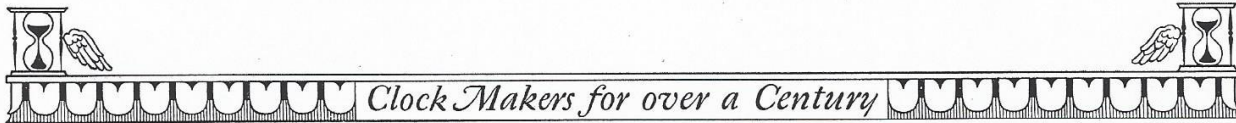
Address your communication to

Service Department

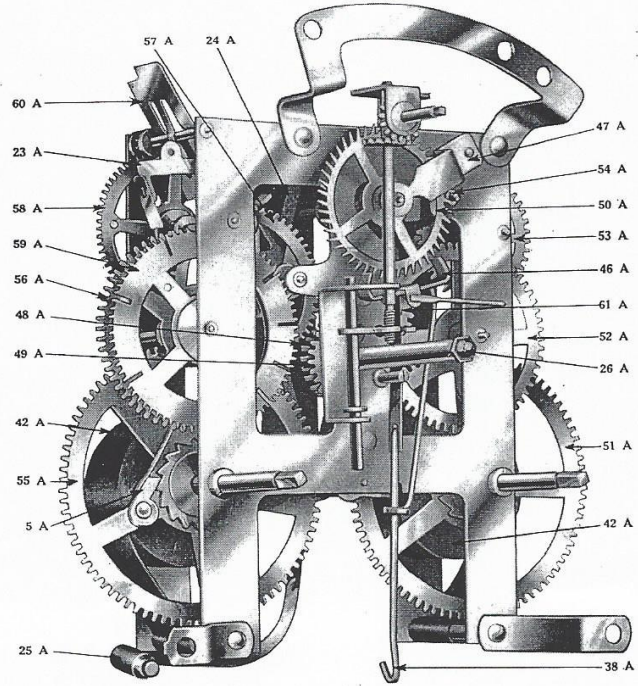
THE E. INGRAHAM COMPANY

Established 1824

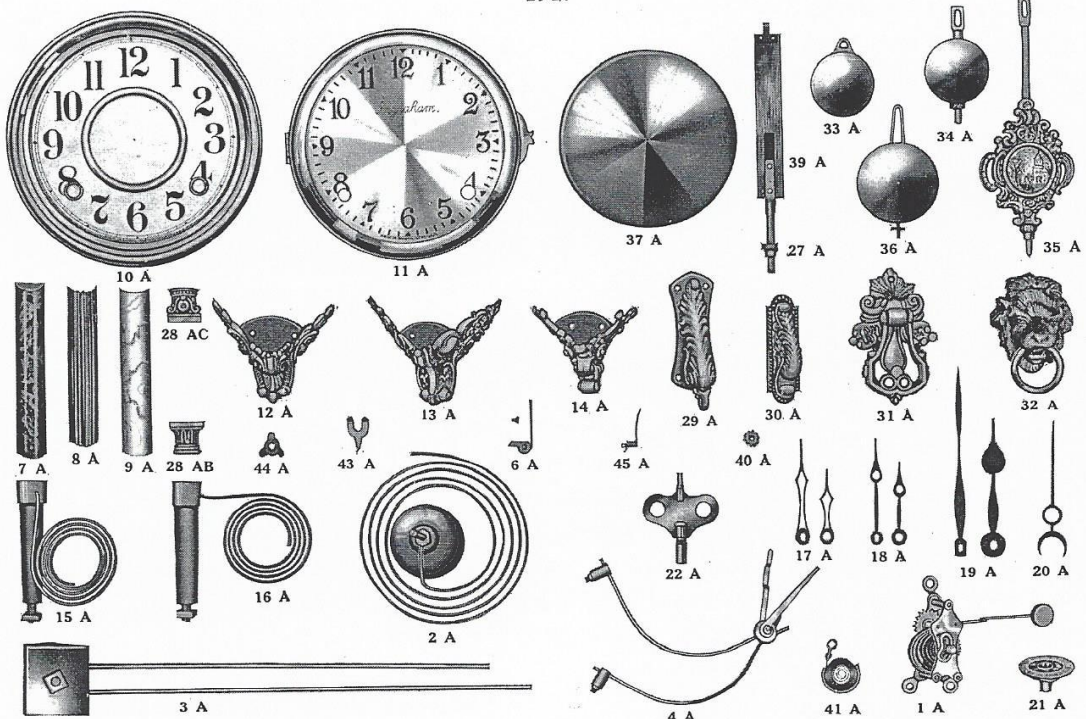
BRISTOL, CONNECTICUT, U. S. A.



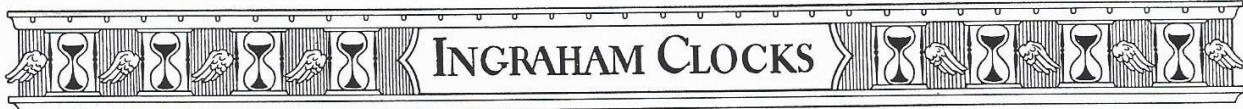
EIGHT-DAY PENDULUM



1927



1927



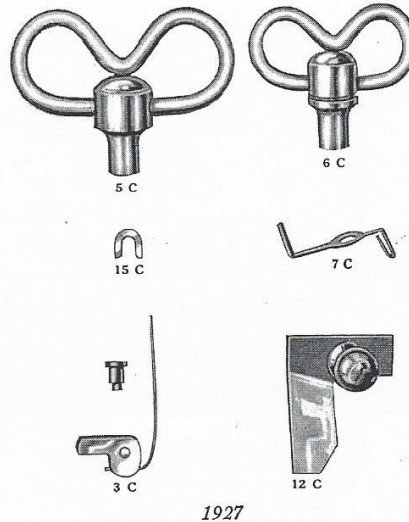
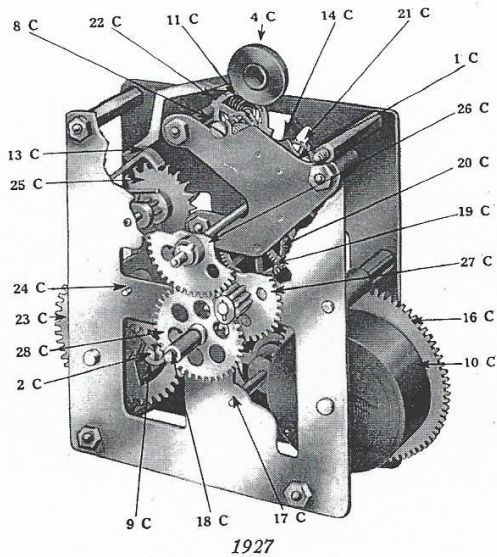
EIGHT-DAY PENDULUM

	List Prices	Net Retail Prices		List Prices	Net Retail Prices		List Prices	Net Retail Prices
#1A Alarm Attachments	\$1.00	\$.47	Glass			Nuts		
Backs			(25% Discount in lots of 10 or more)			#26A Hand nut	\$.02	\$.01
Wooden, hinged	1.40	.66	5 1/2" Flat	\$.12	\$.06	#27A Pendulum Nut	.02	.01
Wooden, unhinged	1.20	.56	5 1/2" Convex	.41	.19	All others	.02	.01
Wooden for blacks	.29	.14	8 1/2" Flat	.23	.11	Oil (Small Bottle)	.53	.25
Bells			8 1/2" Convex	.61	.29	Ornaments		
#2A Wire with stand for Kitchen Clocks	.61	.29	10 1/2" Flat	.35	.16	(Order in pairs and state color)		
Bushings, Keyhole	.02	.01	12 3/8" Flat	.59	.28	#28AB Bases	.07	.03
Calendar Attachments	1.00	.47	6 3/8" x 12 3/4" Ornamental	.59	.28	#28AC Caps	.07	.03
Catches			6 1/2" x 8 3/8" Ornamental	.59	.28	#29A Side #1	.12	.06
(For door or back)			9" x 12"	.35	.16	#30A Side #2	.12	.06
Plain	.02	.01	11" x 11"	.53	.25	#31A Side, with Pendant	.23	.11
Fancy	.12	.06	11" x 17"	.59	.28	#32A Side, Lion Head	.23	.11
Chime Parts			13" x 13" (Advise if upper or lower)	.59	.28	Pendulum Balls		
#3A Rods, Stand and Nut, complete	1.81	.85	Lower for Drop	.35	.16	#33A For Mantel	.07	.03
#4A Chime Hammers	.47	.22	Octagon	.29	.14	#34A For Kitchenette	.29	.14
Clicks			Lower colored for Banjo	.59	.28	#35A For Kitchen	.29	.14
#5A With flat spring and rivet	.04	.02	Center colored for Banjo	1.20	.56	#36A Small Scalp	.29	.14
#6A With round spring and rivet	.04	.02	Gongs			#37A Large Scalp	.73	.34
Columns			With Stand Complete			Pendulum Rods		
#7A Wooden	.12	.06	#15A #1 Spiral	1.00	.47	(Advise overall length)		
#8A Metal	.12	.06	#16A #2 Spiral	1.00	.47	#38A Wire, with feather	.04	.02
#9A Celluloid	.12	.06	Rod	1.17	.55	#39A Wooden	.23	.11
Dial Papers			Hands			Pinions		
(Advise if Arabic, Roman or Calendar)			#17A Skeleton for 5 1/2" dial, per pair	.04	.02	#40A Center Shuck	.04	.02
5" 6" and 8"	.04	.02	#18A Fancy Spade for 6" dial, per pair	.04	.02	Springs		
10" and 12"	.14	.07	#19A Spade for 8", 10" or 12" dial	.09	.04	#41A Alarm 1/4" x .011" x 2 1/2"	.10	.05
Dials, Mounted			#20A Calendar, Red, all sizes, each	.14	.07	#42A Time or Strike, 3/4" x .017" x 8'	.61	.29
(Advise if time, time cal., strike or strike cal.)			Hangers			#43A Friction	.02	.01
5" Paper	.23	.11	Common or Ball	.07	.03	#44A Tension	.02	.01
5 1/2" Iveroid	.41	.19	#21A Indicators, Alarm	.35	.16	#45A Coil (Hour or Half Hour)	.02	.01
5 1/2" Silver	.82	.39	Keys			#46A Verges		
#10A 6" Paper (Advise if clock is fitted with alarm)	.35	.16	Single end	.09	.04	(Advise number of teeth in escape wheel and name of clock)	.14	.07
8" Paper	.85	.40	#22A Double end	.12	.06	#47A Verge Bridges	.09	.04
8" Iveroid	.85	.40	Lockwork			Wheels		
10" and 12" Paper	.61	.29	#23A Count hook	.12	.06	Complete with pinion, etc.		
Dials, Sash and Glass			#24A Lift hook	.09	.04	#48A Center (Advise name of clock and length of staff)	.35	.16
(Advise if time, time cal., strike or strike cal.)			#25A Hammer complete	.26	.12	#49A Center Socket (Advise length)	.12	.06
5" Paper, convex glass	1.26	.59	Movements			#50A Escape (Advise number of teeth, length of staff and name of clock)	.35	.16
5 1/2" Iveroid, convex glass	1.40	.66	(Advise if feet should be on front or back plate, height of feet, length of winding arbors from front plate up, whether key or wheel regulator, whether escape wheel should be on front, back or between plates, and number of teeth in escape wheel)			#51A Time Main with ratchet and arbor (Advise length of arbor)	.61	.29
#11A 5 1/2" Silver, convex glass	2.13	1.00	8-day Time for Small Hanging	5.32	2.50	#52A Time Second	.29	.14
5 1/2" Raised Numerical, convex glass	2.72	1.28	8-day Time for Large Hanging	6.00	2.82	#53A Time Third (Advise number of teeth)	.29	.14
8" Paper, flat glass	1.81	.85	8-day Strike for Small Hanging	6.43	3.02	#54A Time Fourth (Advise number of teeth)	.29	.14
8" Paper, convex glass	2.16	1.02	8-day Strike for Large Hanging	7.11	3.34	#55A Strike Main with ratchet and arbor (Advise length of arbor)	.61	.29
8" Iveroid, convex glass	2.16	1.02	8-day Strike for Kitchen	6.43	3.02	#56A Strike Second	.29	.14
8" Silver, convex glass (cannot be used on clock originally fitted with paper dial)	5.12	2.40	8-day Strike for Mantel	7.20	3.38	#57A Four Pin	.29	.14
10" Paper, flat glass	1.49	.70	8-day Strike with Polished Back for Mantel	8.01	3.76	#58A One Pin	.29	.14
12" Paper, flat glass	1.81	.85	8-day Duplex Chime	11.00	5.17	#59A Count	.29	.14
Feet			8-day Duplex Chime with Polished Back	11.81	5.55	#60A Fan (Advise if single or double blade, 6 or 7 leaves)	.29	.14
(Order in pairs and state color)						#61A Dial	.29	.14
Metal, Back	.04	.02						
#12A Metal, Front #1	.12	.06						
#13A Metal, Front #2	.12	.06						
#14A Metal, Front #3	.12	.06						
Rubber	.04	.02						



Clock Makers for over a Century

EIGHT-DAY ALARM



	List Prices	Net Retail Prices
*1C Bridge Plate	\$.23	\$.11
Clicks		
*2C With flat spring and rivet	.04	.02
*3C With round spring and rivet	.04	.02
Hammers		
*4C Complete with Verge	.23	.11
Keys		
*5C Time	.09	.04
*6C Alarm	.09	.04
Levers		
*7C Regulator Escape (See Verges)	.12	.06

Movements

Time }
Alarm }

Screws

*8C Balance
Others

Springs

*9C Alarm $\frac{3}{8}$ " x .014" x $\frac{4}{32}$ "

*10C Time $\frac{1}{2}$ " x .017" x 6"

*11C Hair Click, Flat

*12C Shut-Off Slide

Verges

*13C Alarm with Hammer Arm

	List Prices	Net Retail Prices
		Prices on request

	List Prices	Net Retail Prices
*8C Balance	\$.04	\$.02
Others	.02	.01

	List Prices	Net Retail Prices
*9C Alarm	.23	.11

	List Prices	Net Retail Prices
*10C Time	.35	.16
*11C Hair Click, Flat	.12	.06
*12C Shut-Off Slide	.02	.01

	List Prices	Net Retail Prices
*12C Shut-Off Slide	.14	.07

	List Prices	Net Retail Prices
*13C Alarm with Hammer Arm	.23	.11

	List Prices	Net Retail Prices
*14C Time with Escape Lever	\$.23	\$.11

Washer

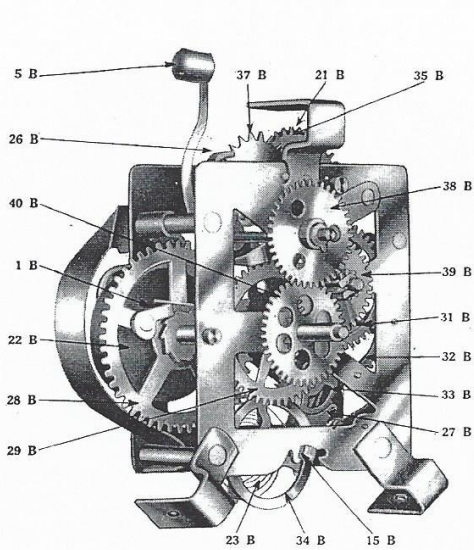
	List Prices	Net Retail Prices
*15C Yoke set-off	.02	.01

Wheels

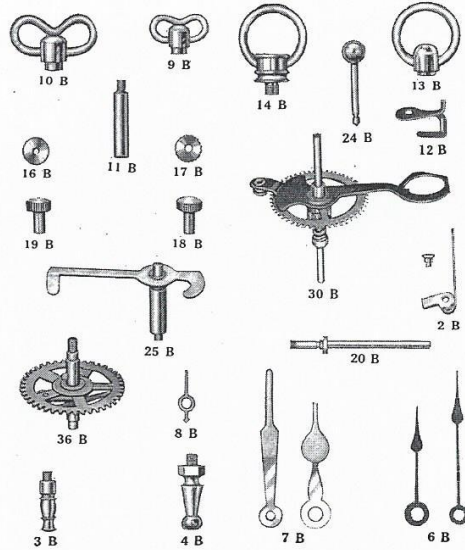
	List Prices	Net Retail Prices
*16C Time Main	.47	.22
*17C Time Intermediate	.29	.14
*18C Center	.29	.14
*19C Time Third	.29	.14
*20C Time Fourth	.29	.14
*21C Time Escape	.29	.14
*22C Balance	.23	.11
*23C Alarm Main	.47	.22
*24C Alarm Intermediate	.29	.14
*25C Alarm Escape	.29	.14
*26C Cam	.14	.07
*27C Minute	.14	.07
*28C Socket	.14	.07

If part wanted is not listed above see "Thirty-Hour Alarm Clock" list on page four

THIRTY-HOUR ALARM



1927



1927

	List Prices	Net Retail Prices
Backs		
Plain	\$.12	\$.06
Polished	.23	.11
Bells		
Back, small	.47	.22
Back, large	.64	.30
Enclosed	.19	.09
Top	.23	.11
Boxes (Paper)		
Small	.06	.03
Medium	.09	.04
Large	.14	.07
Cartons		
Small	.12	.06
Medium	.17	.08
Large	.20	.09
Cases		
Jointed	.23	.11
Small, seamless	.47	.22
Large, seamless	.70	.33
Clicks		
(Advise if for time or alarm side)		
# 1B With flat spring and rivet	.04	.02
# 2B With round spring and rivet	.04	.02
Dials		
Paper	.02	.01
Paper, laid on metal back	.12	.06
Radium, add to above	1.20	.56
Feet		
# 3B Plain	.02	.01
# 4B Hexagon Base	.04	.02
Glass		
(Advise exact diameter)		
(25% Discount in lots of 10 or more)		
Small flat	.09	.04

Medium flat	\$.12	\$.06
Large flat	.14	.07
Small convex	.29	.14
Medium convex	.41	.19
Large convex	.61	.29
# 5B Hammers		
Complete with verge	.12	.06
Hands		
# 6B Plain, per pair	.04	.02
# 7B Radium, per pair	.38	.18
# 8B Indicator, each	.02	.01
Keys		
# 9B Alarm	.07	.03
# 10B Time	.07	.03
# 11B Key Extensions for Back Bell Clocks	.02	.01
Levers		
# 12B Regulator Escape (See Verges)	.12	.06
Mats		
Nickeled	.12	.06
Brass	.23	.11
Movements		
Common	Prices on request	
Intermittent		
Nuts		
Common	.02	.01
Polished	.04	.02
Ringheads		
With Rings		
# 13B For Top Bell Clocks	.07	.03
# 14B For Stem Shut-Off Clocks	.12	.06
Screws		
# 15B Balance	.04	.02
Others	.02	.01

	List Prices	Net Retail Prices
Sets		
# 16B Alarm	\$.02	\$.01
# 17B Time	.02	.01
# 18B Time with extension	.07	.03
# 19B Alarm with extension	.07	.03
# 20B Shafts		
Set-off	.02	.01
Springs		
# 21B Alarm $\frac{1}{4}$ " x .011" x $2\frac{1}{2}$ "	.09	.04
Alarm Alt. $\frac{3}{32}$ " x .018" x 4"	.17	.08
# 22B Time $\frac{5}{16}$ " x .016" x 5"	.17	.08
# 23B Hair	.12	.06
Shut-Offs		
# 24B Stem (Plunger)	.09	.04
# 25B Top Bell	.07	.03
Verges		
# 26B Alarm with Hammer Arm	.12	.06
# 27B Time with Escape Lever	.12	.06
Washers	.02	.01
Wheels		
# 28B Time Main	.23	.11
# 29B Center	.35	.16
# 30B Center for Alternating Clock	.59	.28
# 31B Time Third	.23	.11
# 32B Time Fourth	.23	.11
# 33B Time Escape	.23	.11
# 34B Balance	.23	.11
# 35B Alarm Main	.35	.16
# 36B Alarm Main for Alternating Clock	.35	.16
# 37B Alarm Escape	.23	.11
# 38B Cam	.14	.07
# 39B Minute	.14	.07
# 40B Socket	.14	.07