



AUGUST MEETING HIGHLIGHTS

By Mike Schmidt

43 members and guests attended the meeting. The Mart was vigorous with a lot of sales generated. Visitors Anna Pond and Esther Lalesanzi from Chapter 69 offered many interesting watches and clocks. Royce and Louise Hulsey, from chapter 75, challenged us all with many very nice estate clocks and parts. Jim Ingersoll, a member and owner of "Ingersoll's Clocks and Antiques," donated some interesting movements, parts and cases to the chapter. Jim is closing his store of many years and often brings clocks and parts to the mart.

The Chapter is hosting its second NAWCC suitcase class of the year, FSW 101. It is scheduled for mid September.

The Santa Paula Odd Fellows tower clock project is completed and Paul Skeels, a member of the project committee and a member of the Odd Fellows, is arranging for a field trip to the Odd Fellows hall and Oil Museum in Santa Paula.

August Program: Chapter member and recent Star Fellow recipient, Jim Chamberlain gave a well received program on the history of Vienna Regulators. Jim took us thru the history and development in Austria circa 1780 to the beginning of manufacturing by the German industries that ended in the 1930's. We saw the changes in case designs that were influenced by France during the time of Napoleon, and all the effects of the furniture designs going on in Europe and England during this 150 year period.

He also explained the changes in movements, dials, and bezels over this period. Jim had prepared a large chart to

show the history overlay between the different periods

Jim gave a complete explanation on how each of the 3 trains of the quarter hour strike movement (grand sonnerie) actually works. He also explained how to purchase, and study these fine clocks. Jim shared two table clocks from the late 1800's that had grand sonnerie movements that were spring powered.

Show and Tell: The letter "A" was the topic for August.

Ken McWilliams shared a black mantle clock made by the Attleboro Clock Co. of Attleboro Mass. (As stated on the label on back of clock) The interesting thing about this clock is that there is not, and never has been a clock company by that name in Attleboro Mass.

Even though it appears that this clock company existed from 1890 to 1915, very little is known about it or its origin. It is suspected that the company was somewhere in the Midwest around Chicago because that is where most of the clocks were found.

Jerry Baker has dedicated the last dozen years to researching and cataloging these clocks. His website is www.attleboroclocks.com

Dave Coatsworth shared a nice pocket watch made by the AURORA WATCH CO. Aurora Illinois. 1883-1892. This Company started before the railroad standards were set, The Company was not able to achieve its goals, closed and sold all its equipment to the Hamilton Watch Company.

Mike Schmidt showed an 1874 iron front clock, "LADY AND CHILD", sold by the Waterbury Clock Co. It has Waterbury label and clock works. The case was made by the "Ansonia Brass and Copper Company" ■



Jim Chamberlain presenting "Vienna Regulators"



And the winner is..... Jim Ingersoll



Dave Coatsworth and his Aurora pocket watch

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PRESIDENTS MESSAGE

By Mike Schmidt

The August meeting was a great success. We had very good attendance for the Mart and the Program. We added to our membership and now have 85 members.

The Mart has improved with members filling many tables and we are having visitors from other chapters bringing items to sell. It's the hunt and temptation in all of us for that special find that makes horology fun. One thing about marts big or small is that you never know what surprises may show up. Sometimes you attend many marts and find nothing to buy, but the excitement you feel when you do find something of interest sure feels good.

The programs have been very well attended. We have varied the programs between watches and clocks. This seems to work out well as 42% of the membership are watch collectors. A few member collect both watches and clocks. The interesting thing that is happening is many of us that have had a focused interest have developed a wider interest in all aspects of horology. There is nothing like education to broaden your possibilities.

Education is a major driver for the success of this Chapter. The Chapter has sponsored two NAWCC Field Suitcase Classes, FSW 101 and FSW 301. We will soon be offering additional classes and workshops. To help in determining what the educational needs and desires are we have asked the membership to fill out a survey. Your response is required to give us information as to those needs and desires. We have some talented educators, a terrific facility and a good relationship with Ventura College. This is an opportunity that we wish take advantage of.

The lunches of summer fare have been very well received. The optional lunch is \$5, kids are free. The basic meeting entrance fee is \$3 which includes coffee and dessert.

Our program for September is "Early American Watch Companies" and will be presented by Dave Coatsworth

The Show and Tell for September, will be the letter "B" anything horological that starts with the letter B. The show and tell prizes are very good, just ask Ken McWilliams, he won last month.



Happy Birthday
Paul Highfill, David Rubright,
Chip Stevens, Kaji Tamang

*He that is good for making excuses is
seldom good for anything else.*

Benjamin Franklin

Tails From the Bench

by Ferdinand Geitner

Movements of Watches and Clocks have been incorporated into many unusual objects. I recently was called to restore a standard French movement with Cylinder escapement fitted into a beautifully inlaid Lady's French Writing Desk. There was a flowing curve along the top culminating into a half round top surrounding the clock right in the middle of the desk. The movement in front was one foot away from a 3 ½ inch opening in the back. Sometimes it takes longer for the restorer to find out exactly how the movement is mounted into the object than the actual restoration.

The example I'm referring to in this article is the statue of a Girl looking at a watch. The Watch movement is fitted into the head of the statue and the dial is in front of the face about 3/4 inches away.



The Movement is a "Standard" Swiss gent's size watch movement which has been modified by extending the Cannon pinion and Hour wheel by almost one inch. Those of you familiar with watches will see the inherent problem due to the very long center shaft. In the pictures I'm trying to show the difference between a standard and the modified version.

Another problem becomes apparent when one tries to wind the watch! The winding stem protrudes through a larger hole at the side of the hat, just in front of the large rim and is 0.9mm in diameter.



The winding crown, just in front of the hats rim, has not much clearance and is difficult to handle. One cannot fit a larger crown as the pressure sideways will break the stem (it was broken) I would modify the arrangement by fitting a bush into the hat to stabilize the stem, attaching a square to the end so one can wind it with a longer, separate key.

To remove the movement one had to snap off the bezel with the glass, remove the hands and dial from the casing, remove the hand of the statue by releasing a screw in its wrist and then turning the whole dial unit anticlockwise to unscrew it from the inner casing inside the head. Remove



the back from the movement casing inside the head (a standard snap on back with notch at side, "hard to get to inside the head") remove the stem by unscrewing the setting lever screw and pull out the unit.

Now the front of the movement case has to be removed with a sharp knife like the case back. Care has to be taken not to tilt it too much as the "long" Cannon pinion and Hour wheel cannot be bent. Now, one can remove the movement through the front to work on it.

After all is said and done it was worth the effort. ■

BOOK REVIEWS

by Ken McWilliams

I will be reviewing three books that were released this year. One is a traditional printed-on-paper book and the other two are e-books.

“Cuckoo Clock Repair Made Simple”

by Tom Seaman

8½ x 11, 136 pages, spiral bound \$39.95

This is the first repair book that I have seen that is dedicated 100% to the Cuckoo clock. While it is well written and generously illustrated, I would not consider this to be a book for the beginning clock repair person. But then, a beginner shouldn't be starting with a Cuckoo clock anyway.

It is a no nonsense instructional repair book. You won't find the history of Black Forest clocks or photos of fancy cases or even case repair information in this book. What you will find is a well thought out Cuckoo clock movement repair book with about 150 detailed photos. The book uses the Regula 25 one day movement. This is the most common movement used and the one you are most likely to run into. Once you master this one it will be easier to transition to the other makes and models.

Tom accompanies most of the text with a relevant photo. Whether he is talking about a tool, a part, or a procedure, he will show a detailed photo to support the text. He often even labels the items in the photo for easy identification.

A list of the tools required for repair work and where to get them is provided. There is also a “Trouble shooting guide” for solving common problems.

However, there is one thing that is missing from Tom's book and that is a table of contents and index. If you want to find a particular item like the bird arm locking position, you will have to thumb through the book until you find it.

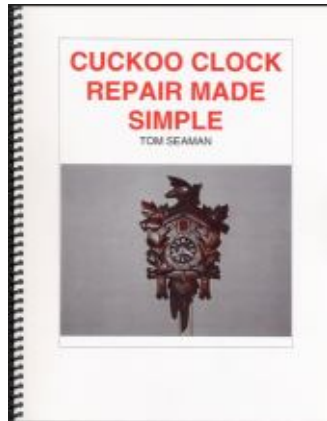
If you work on or plan to work on Cuckoo clocks this is a must have book.

The next two books are e-books. What is a e-book you ask? It is a book written to be viewed on a computer or other electronic display device. The “e” stands for “electronic.”

Some advantages of e-books are, they don't take-up any bookcase space, no environmental resources are used, lower cost because there is no paper or printing involved, and they allow special interest low volume authors to publish without the prohibitive publishing costs.

Many e-books are Acrobat files and can easily be printed if you prefer hard copy or you can just print selected pages. With a text to speech converter you can even have it read itself to you.

One of the things I like best about e-books is the instant availability of it. I recently found a book that I wanted on a London website. Within a few minutes after I bought it, I was reading it.



“Adjusting the Anniversary (400 Day) Clock”

by William J. Bilger

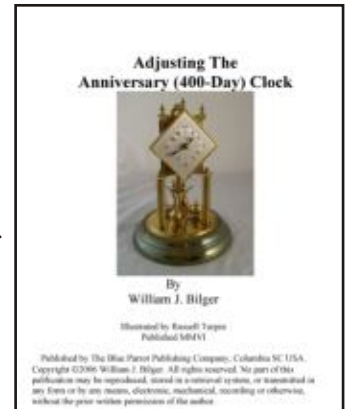
133 pages, 8½ x 11 (If printed) e-book \$5.99

Bill does a nice introduction to 400 day clocks. While this is not a movement repair book, he does spend about a page listing the items to be aware of when cleaning and repairing.

This is a companion book to Terwillinger's “Horolover 400 Day Clock repair Guide.” He does a very good job taking you step by step through the processes starting with identifying the clock by its back plate, selecting the correct suspension spring, installing it and finally putting it in beat. Following his guidelines will greatly improve your chances of getting your clock up and running correctly and in a minimum amount of time.

Illustrations are a little sparse. While his verbal descriptions of the required actions are very good, additional illustrations would definitely help.

If you work or plan to work on these clocks, this book should be in your library. (e-library or bookshelf) For \$5.99 it's really a no brainer. Available on eBay, use title in the search box.



Clock, Watches, & Bells

by Edmond Beckette & Lord Grimthorpe

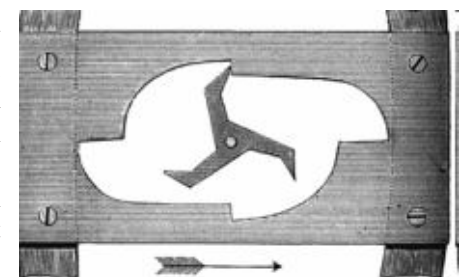
298 pages, 8½ x 11 (if printed) e-book \$4.95

I stumbled across this e-book by accident while looking for another book. It was released as an e-book this year but it was originally written in 1883. A new preface and an updated list of great bells was added in 1903 but it is basically as written in 1883.

This is an amazing book. It covers just about all aspects of horology starting with eight pages dedicated just to the concept of measuring time. It is not possible to list everything that is covered as the table of contents alone is eight pages long.

Some areas that are covered in depth are, the history of clocks, pendulums, escapements, dials, striking clocks, turret clocks, chime tunes, train remontoires, the Westminster clock, teeth & wheels, watches and chronometers, and bells.

Don't expect to find any Hermle movements. If it was invented after 1883 it ain't here. There are many old engraved illustrations throughout the book like the three legged dead beat escapement on the right. Some parts gets very technical but it is still very enjoyable and educational to the non technical reader. I have found escapements in this book that I haven't seen anywhere else. Just the illustrations are worth the \$4.95.



NOTE: If you would like a closer look, I will have these books at the September meeting. ■

The Sweet Tooth Clock

This was sent in by member Frank Zalusky. It is an easy clock to make and would go well in the kitchen or kid's room. It resembles the Nelson Ball clock.

The challenge with this project is not to eat it before it is completed.



The next Meeting & Mart for Chapter 190

Will be September 16, 2007

Sellers may start setting up at 11:30

The Mart is open from 12:00 til 1:15

The Meeting starts at 1:30

PROGRAM

“Early American Watch Companies”
Presented by Dave Coatsworth

SHOW & TELL

Anything that starts with the letter “B”



On October 6, 2007 at 10:30 am our chapter will sponsor a meeting at the Odd Fellows Lodge in Santa Paula. There will be a program on the recently completed renovation of their tower clock. • Admission is FREE! •

The Ventura Star and CNN Headline News will be there.

Ventura Chapter 190 people

Each issue of our newsletter will feature members of our chapter with a short biography or some of their horological interests to help us get to know them better.

George Antiorelli

By George Gaglini

George began repairing and restoring clocks in the late 1950's at a clock shop in Chicago, IL. He was fortunate to be taught the trade by experienced German horologists.

Over the years George continued to develop and perfect his clock making skills. He was later able to apply what he had learned to other types of electro-mechanical devices.

At the Sun Electric Company he worked as a repairman on electronic instruments. In California, George worked for Liton Industries where he helped design and manufacture the magnetic tape heads used in NASA's early moon explorations. This work led to a long career with 3M's magnetic tape division in Camarillo, California.

George set up a clock repair shop of his own in the garage of his Camarillo home. He provided clock services to clients in the surrounding areas for over forty years.

He soon became well known for his expertise in clock restoration and earned the reputation as one of Ventura County's top clock repair specialists who's services remain in high demand to this day.

George has taught many classes in clock repair for Chapter 75 including complex time pieces such as the Atmos clock.

With plans to move to Boise Idaho, where he will be closer to his daughter, George is winding down his Southern California clock activities.

Our loss will be Boise's gain. Chapter 190 is proud to have him as a founding member, and while he is still here, we plan on taking full advantage of his hearty good nature and his decades of clock making experience. ■



Welcome New Member

Ernie Jenson



Time Machines

by Ken McWilliams

Earlier this year I repaired a very interesting and rare clock. It was a **Boardman-Hubbell Calendar** clock. The case is Rosewood. It has an 8-Day, time and strike, lever escapement, two mainspring spring movement. It is about 18 inches high and 12 inches wide. The black lower glass has gold leaf decorations around the two date windows. The time dial is painted metal about 6 inches in diameter. The movement is signed: "**L. Hubbell**, Pat. Oct. 10 Nov. 28, 1865"

The calendar movement is powered by a small spring which is wound with a key thru a hole on the right side of the case. This hole is plugged with a removable cork and wood button. The movement has three drums, the left one shows the day of the week. The other two on the right, one above the other, have a continuous strip of linen on which is printed one year of months with dates. A wire from the time movement trips the calendar movement once each day.

Alfonzo Boardman (1827-1916) of Bristol, Connecticut held the patent dated July 24, 1867, for a calendar movement which had the month and date on a long fabric strip that was rewound annually. Few of these appear to have been made as they were expensive and unreliable. It is uncertain what firm marketed them but the upper movements were generally made by Laporte Hubbell of Bristol. They were not perpetual.



As we did with the Anniversary clock, we will drift back in time to when this clock was originally made. The year was 1876, one hundred

and thirty one years ago. Ulysses S. Grant was president and our country was celebrating it's 100th birthday. Colorado became the 38th state.

Life in the U.S. was drastically different depending on which side of the Mississippi you lived. Lets take a look at what was happening in the East.

The first major baseball league, the National League, was formed, with teams in Boston, Chicago, Cincinnati, Hartford, Louisville, New York, Philadelphia, St. Louis. • Johns Hopkins University opens • Order of Elks is organized • Tsjaikovsky completes his "Swan Lake" ballet • The Centennial Exposition opens in Philadelphia • The French sculpturer Batholdi visits Bedloe Island NY, future home of his Statue of Liberty • The first manual carpet



sweeper is patented by Melville Bissell • The first telephone call is made when Alexander Graham Bell called his assistant Thomas Watson in the next room • Columbia, Harvard and Princeton form the Intercollegiate Football Assn. • 295 people are trampled or burned to death at a Brooklyn Theater fire • Edward Bouchet, is the first black man to receive a PhD from a U.S. college (Yale) • Sara Spencer is the first woman to address a U.S. presidential convention, even though it would be 44 years till woman were allowed to vote • The song "Grandfathers Clock" by Henry Clay Work was the most popular song in the country. This song is responsible for long case clocks being called Grandfather clocks.

This was the East, now lets take a look at what was going on in the west.

Gen Crook destroys Cheyenne and Sioux Indian camps • Wild Bill Hickok is murdered in Deadwood SD while playing cards. He had two black aces and two black eights, now known as "The dead mans hand." • General Custer and 7th Cavalry are wiped out by the Sioux and Cheyenne at Little Big Horn • The Southern Pacific railroad line from LA to San Francisco is completed • The notorious James/Younger gang comes to an end by a failed bank robbery in Northfield Minnesota. The Youngers are shot and captured but Frank and Jessie James escape • Congress passes a law that removes Indians from the Black Hills after gold is discovered there.

This next item may sound familiar and surprise you but it really did happened.

1876 was a presidential election year. Republican Rutherford Hayes and Democrat Samuel Tilden were running for the office.

After the polls closed both candidates claimed victory in the US presidential election. The sunshine state (Florida) is awash with high-profile lawyers, amid accusations of fraud and confusing ballots.

Although Mr Tilden won the popular vote, Florida disqualified Democratic votes because of ballot irregularities.

It was neither hanging chads nor butterfly ballots that caused the commotion, but a misleading illustrated ballot.

To make allowances for widespread illiteracy in the 19th Century, Democrats were portrayed on the ballot with their mascot, a cockerel, while Republicans used a picture of Abraham Lincoln. But in 1876, the Democrats printed ballots with Tilden's name, alongside Lincoln's face.

In an attempt to resolve the dispute, Congress created an electoral commission of five Senators, five Representatives, and five Supreme Court Justices. Eight members were Republicans and seven were Democrats. The commission split along party lines, awarding the presidency to Mr Hayes.

Throughout President Hayes' single term presidency he was derided by Democrats as "His Fraudulency" and "His Accidency". ■

CLASSIFIED PAGE

This page is dedicated to advertising for Chapter 190 members. It is, of course, free to members.

SERVICES OFFERED

The Montecito Clock Gallery

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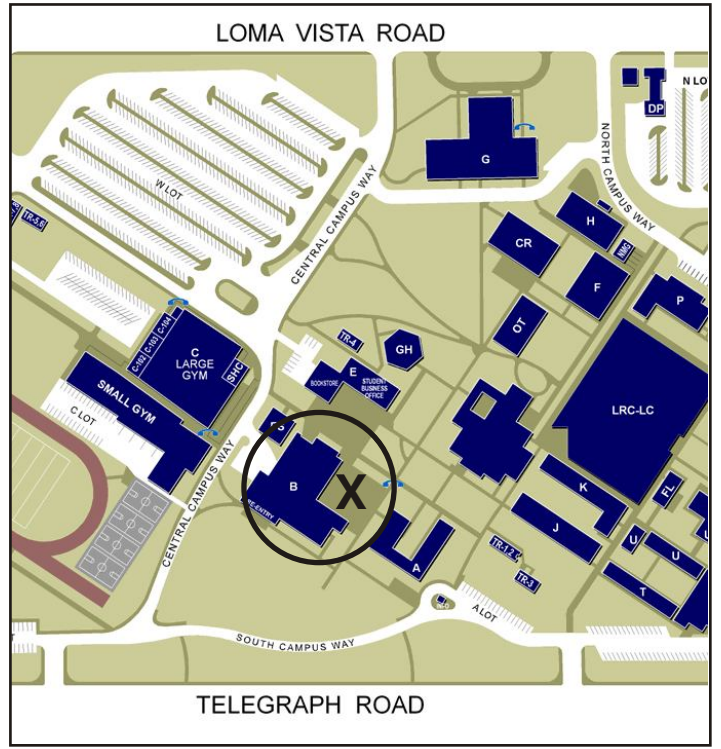
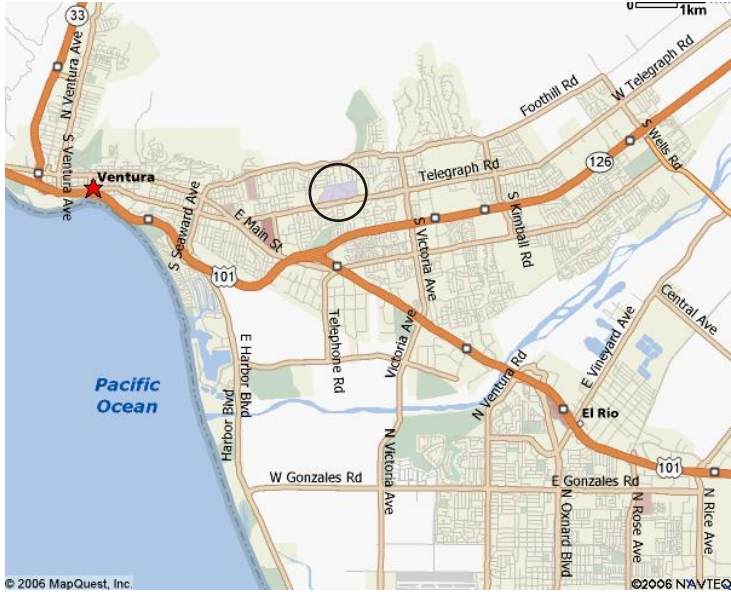
- Watch Repair Tools -

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I would prefer to purchase an entire collection of old
watchmaker's tools. I am especially interested in a
dissecting microscope and other optics.

Please contact:

David Clarkin Tel: **805-988-4384**

**The Chapter 190 meetings are held the third Sunday of each month. (No meeting in December)
 We will meet in the cafeteria on the Ventura College campus. The cafeteria is located in building "B", east of the gym and athletic field.**



Hope to see you there!

September 2007 Issue

SEPT 16
NEXT MEETING

If Undeliverable return To:
 17738 Superior St. Unit 21
 Northridge, CA 91325

Chrono Times