

Tic Talk Times



FEBRUARY 2015
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Newsletter of Orange County Chapter 69 of the
National Association of Watch and Clock Collectors

Meeting Minutes, January 2, 2015

ALL ABOUT TORSION CLOCKS

After our monthly mart which starts at 7:00p.m., President Paul Martyn called the meeting to order at 8:00p.m.

Thanks to Phyllis Adams for the refreshments tonight. Cora Lee Linkenhoker will pass around a sign-up sheet for refreshments for this year's meetings.

Dave Weisbart moved to approve the minutes for November and December 2014; Bob Linkenhoker seconded, and members approved the motion.

UPCOMING EVENTS:

The GLAR in Pasadena will be the end of this month: January 29, 30, and 31, 2015. Note: They will be selling early bird passes also.

Old Business: Our Officers are the same slate as before: Paul Martyn, President; Vice Presidency is vacant; Bob Linkenhoker is Treasurer; Phyllis Adams is Secretary.

BEGINNER'S CORNER:

Paul Martyn brought in a carriage clock which was missing an alarm hand. So he took a blank he got from Timesavers, and remember it needs the size of the hole to fit. He didn't use a lathe, he used a drill bit and solder, and he put it on a tapered pin to hold it. He said to make sure the outside diameter is the right size.

PROGRAM:

Jerry Kleeb on "Torsion Clocks"

Jerry uses the tenth edition of a book with diagrams titled "400 Day Clock". The patent for the clock is from 1841 in the U.S.A. The clocks run from 8hrs to 100 years. Supposedly there is a 100 year clock in the United States.

Torsion clocks were made to use on boats. Some have gimbals. Short running clocks would be ok for use on a boat.

These clocks were 30 day, with pin palette, lantern pinion, and open main spring. The patent is dated 1911 and 1912 for the pin palette and lantern pinion. The disk pendulum dates from the 1920's or 30's.

Torsion clock have many different types of escapements. Some striking models were made.

In 1879 the torsion clock was patented, and in 1882 large numbers of clocks were produced. In 1887 the patent became public property.

"Anniversary" was patented as trademark for clocks in 1901 in Cincinnati. (The 4 ball pendulum dates from 1900). These clocks were not made during World War I and were also stopped during World War II and then resumed. From 1913 they were marked "Germany" in this country until after World War II.

Most pendulums turn 270⁰; one turns 500⁰ (one and a half times) and should unlock at 270⁰.

(Continued on page 2)

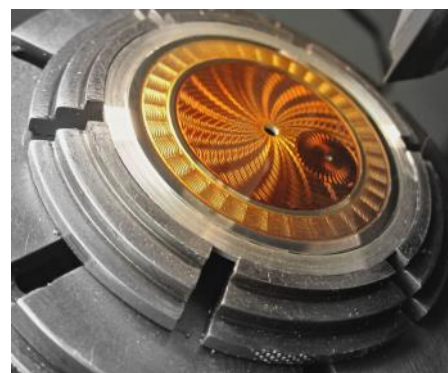
This Month

DVD: HISTORY OF THE ROSE ENGINE

Our topic for the next meeting which will be on Friday February 6 will be a fascinating DVD describing the History of the Rose Engine by History of the Rose Engine by David Lindow.



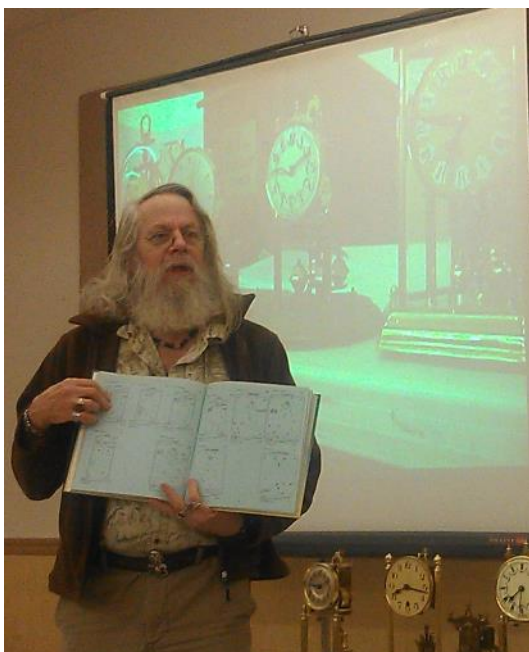
The Rose Engine is a fascinating piece of engineering that creates beautifully engraved items including watch faces, case backs and much, much more.



TIME TRIVIA

In 1830, the U.S. Navy established a depot, later to become the U.S. Naval Observatory (USNO), with the initial responsibility to serve as a storage site for marine chronometers and other navigation instruments and to "rate" (calibrate) the chronometers to assure accuracy for their use in celestial navigation. Through all of the ensuing years, the USNO has retained timekeeping as one of its key functions.

(November 7, 2014 Meeting Minutes, Continued from page 1)



In 1949 some clocks had a spring barrel to even out the pressure (which did not work). Schatz made a 2 jewel with a subsidiary barrel that is date stamped.

The thousand day clock has a large main spring. Also one clock has a tie down lever to protect the clock when moving.

In closing, Jerry said as far as he is concerned these clocks are easy to fix.

Thanks to Jerry for showing us some of his torsion clocks.

SHOW & TELL:

Ray Brown showed us a torsion clock with no weights or springs and no escapement. It is a 1905 Tiffany “Never Wind” clock which is gold-plated. It runs at 600 beats per hour or 5 times a minute and runs on 2 “D” Cells (3 volts).

Paul Martyn showed us a Seth Thomas 1920’s mantel clock which he refinished with denatured alcohol.

The Raffle prizes were won by Charlie Lowry and Dave Weisbart.



UPCOMING MARTS

MARCH 2015

[2015 Lone Star Regional](#)

When: Mar 6 - 7

Where: Mesquite Convention Center, Mesquite, TX

[2015 Arizona Sunshine Regional](#)

When: Mar 13 - 14

Where: Fountain Hills Community Center, Fountain Hills, AZ

[2015 Florida Regional](#)

When: Mar 13 - 15

Where: Exhibit Hall At Osceola Heritage Park, Kissimmee, FL

APRIL 2015

[2015 Southern Ohio Regional](#)

When: Apr 9 - 11

Where: Roberts Convention Centre, Wilmington, OH

[2015 River Cities Regional](#)

When: Apr 17 - 18

Where: Lenexa Community Center, Lenexa, KS

[2015 Memphis King Cotton Regional](#)

When: Apr 24 - 25

Where: Bartlett Station Municipal Center, Bartlett, TN

MAY 2015

[2015 Pacific Northwest Regional](#)

When: May 14 - 17

Where: Monarch Hotel & Convention Center, Clackamas, OR

[2015 North Coast Regional](#)

When: May 15 - 16

Where: Lakeland Community College, Willoughby, OH



Full details for all upcoming marts:

<http://community.nawcc.org/events/upcomingevents/>

**DATED MEETING NOTICE
PLEASE DO NOT DELAY**

ORANGE COUNTY CHAPTER NO. 69
C/O CORA LEE LINCKENHOKER
7186 CALICO CTR.
CORONA, CA 92881

The National
ASSOCIATION OF
WATCH & CLOCK
Collectors, Inc.



OUR NEXT MEETING: FRIDAY FEBRUARY 6, 2015

Program

DVD:

**HISTORY OF
THE ROSE ENGINE
BY DAVID LINDOW**

Time: 7:00 — Doors Open
8:00 — General Meeting

Admission \$4.00 — General
\$6.00 — Couples

Location: Acacia Grove Masonic Lodge
11270 Acacia Parkway
(in the Civic Center)
Garden Grove, CA

Beginner's Corner Mini-Seminar:

No Beginner's Corner this month

Show & Tell: Horological items beginning with the letter "T" or something you found at the Greater Los Angeles Regional

Board Meeting:

No Board Meeting this month

