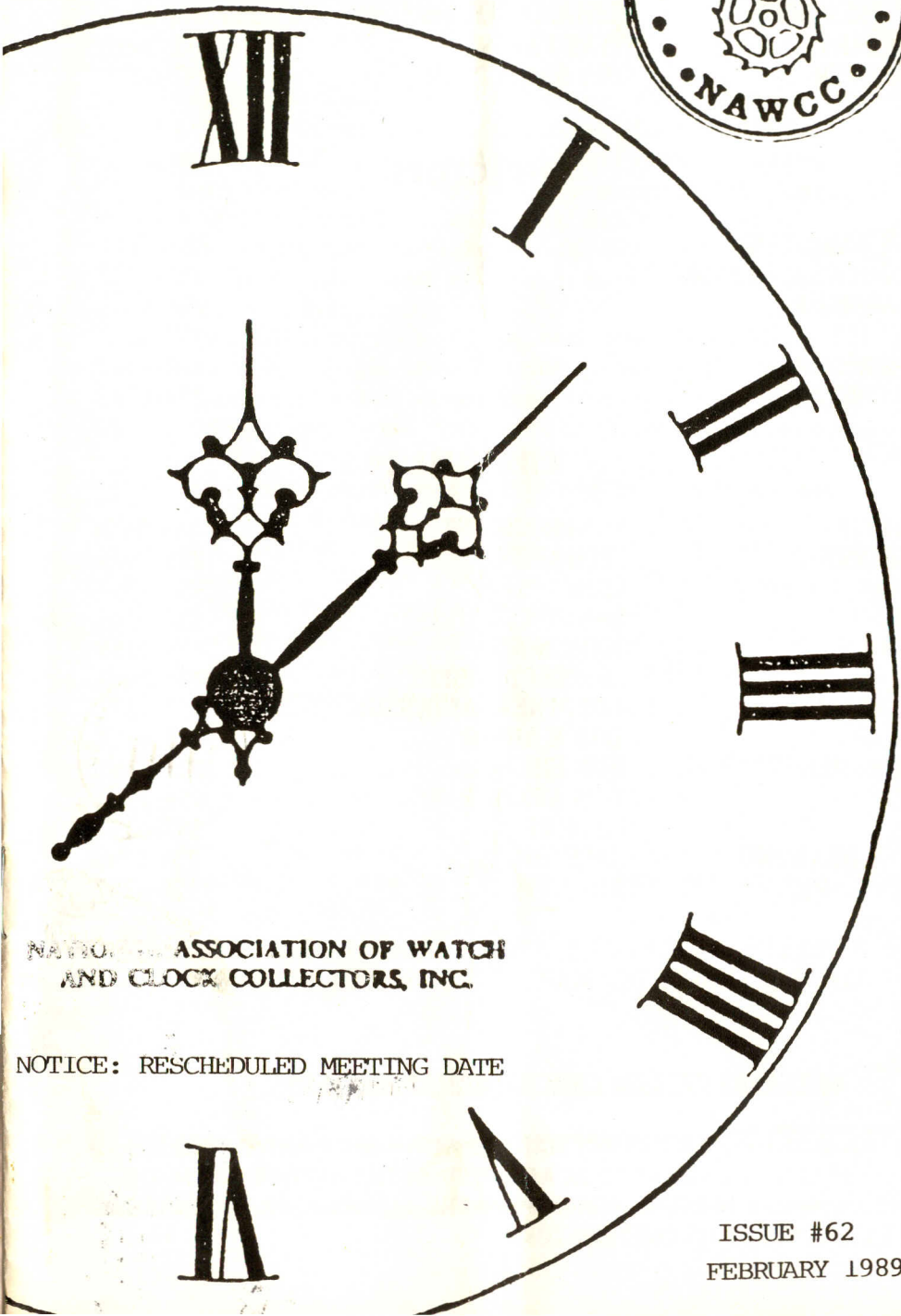
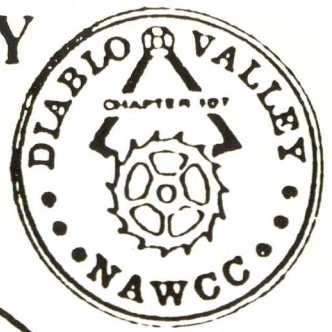


# DIABLO VALLEY BULLETIN



NATIONAL ASSOCIATION OF WATCH  
AND CLOCK COLLECTORS, INC.

NOTICE: RESCHEDULED MEETING DATE

ISSUE #62  
FEBRUARY 1989

## 1989 OFFICERS

PRESIDENT	FRED CUTHILL	686-3144
VICE-PRESIDENT	JOHN NORTH	676-9188
VICE PRESIDENT	RICHARD ROGERS	209-944-2608
SECRETARY	STEVE FABES	932-5091
TREASURER	JOHN SANDERSON	937-6272

## DIRECTORS

HAROLD MONTANO	223-7931
DOROTHEA SANDERSON	937-6272
TOM ARMOUR	654-3363
ED OKVIST	357-6257
BOB WAHRER	462-4912
JACK COULTER	254-0746

## CHAIRMEN

BULLETIN	BOB PROCHNOW	449-5956
MEMBERSHIP	LEONARD BOONE	228-7916
MART/S AUCTION	ED OKVIST	357-6257
LIBRARY	SANDY CUTHILL	686-3144
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	TOM ARMOUR	654-3363
	ED OKVIST	357-6257
RAFFLE DRAWING	JACK COULTER	254-0746
PHOTOGRAPHER	ED OKVIST	357-6257

CHAPTER MEETING DATES. FEB. 5, APRIL 9, JUNE 11, AUG. 13, OCT. 8, DEC. 10  
EXEC BOARD MEETING DATES. MAR. 13, MAY 8, JULY 10, SEPT. 11, NOV. 12

### **CHAPTER MOTTO: ACCENT ON EDUCATION**

STATEMENTS OF OPINION OR FACT MADE BY AUTHORS OF ARTICLES APPEARING IN CHAPTER PUBLICATIONS ARE TO BE ACCEPTED AS THE AUTHOR'S OWN. THE CHAPTER ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OR CORRECTNESS OF ANY STATEMENTS OF ITS CONTRIBUTORS.

## PRESIDENT'S MESSAGE

Happy New Year to all Chapter #107 Members. At This time, I wish to thanl Jack Coulter and all the other outgoing officers & Directors for making 1988 a very successful year. I would also like to thank all those who worked on the 1988 Regional and gave so much of their time and effort into making it a success.

I would like to welcome the new officers, new & old directors of our Chapter for 1989. I am asking the committee chairpersons from 1988 to continue to serve in 1989. However, if there are any who cannot, I'll need help from you,our members. Please be ready to say "yes" if I ask.

Any Requests for meeting format changes? Any ideas for future programs? Any constructive criticisms & complaints are all welcome. Please- Use your suggestion box.

I am looking forward to seeing everybody at the FEBRUARY 5TH MEETING.

Fred

Note: The new meeting date is a one time change only due to circumstances beyond our control.

## Meeting Information:

DATE: FEBRUARY 5, 1989

PLACE: Home Federal Savings & Loan

\* (Rossmoor Pkwy. & Tice Valley Rd.)  
Walnut Creek

MART SET-UP: 11:30 AM

MART BEGINS: 12:00 NOON

PROGRAM: Demonstration on Repair:  
Mainsprings: Tom Armour  
Teeth Replacement: Roy Holman  
Pivots, Bushings: John Stohr

MEETING BEGINS: 1:00 PM

DISPLAY THEME: Interesting & Unusual  
Clock & Watch Tools  
(Antique, Homemade, etc.)

ANNUAL MEMBERSHIP:

NON-MEMBER DONATION:

MART: FREE TO CHAPTER MEMBERS

Program: Come prepared to learn at a working session of  
Repair methods.

The Tip Off  
by Phil Russell

\* The Suspension Spring: The prime function of the suspension spring in the pendulum clock is to support the pendulum assembly-the rod and bob-nothing more. The length, width, & stiffness (of course, within reason) of the suspension spring does NOT enter into the continuity of the clock running, nor controls the exactness of the timekeeping. (only the length of the assembly does) Extra suspension spring width will keep the bob from wobbling and dancing. Don't worry if your replacement french, German, American, etal suspension spring doesn't match-close is near enough !! (thanks to 'Best of J. E. Coleman, Clockmaker)

\* John Muir, the naturalist, at age 22 in 1860 invented two clocks which won first place in the Wisconsin State fair. His inventions were never marketed. Replicas of two clepsydrae (water clocks) Muir invented can be seen at the Muir House in Martinez. One of Muir's inventions later discovered was so complex & its purpose unknown that a renowned Engineer was asked to study the device. After lengthy study-the Engineer's only comment was "I don't think I would have built it like this."

\* If your clock strikes to fast & the fan governor is snug, but loose on the fan arbor, slowing the speed of the strike presents a major problem. In many instances there isn't much you can do.

\* When Los Angeles County power plants went from 50 to 60 cycles, they agreed to convert all electric clocks to the new 60 cycles with out charge. This involved 10s of thousands of clocks.

(A special thanks to Loren Scanlon, who sells books at our Chapter meetings, for the information on John Muir.) Have you bought a good Clock or watch reference book lately ??

The Japanese Clock  
(1873-1950)

By Phil Russell

Japan until about 1873 measured their time by 'Night' and by 'Day' separately. Each day was divided into 6 hours of daylight and 6 hours of darkness. Their timepieces required a way to vary the length of the 'day' and 'night' hours to match the season of the year. Then in 1873 the Emperor ordered the immediate adoption of the Western time measuring system.

As expected there was chaos in converting and making new timepieces. It was the American clock industry who stepped in to start up the Japanese clock industry and provided leadership for almost 20 years. By 1875 the Japanese factories were built and producing large numbers of American schoolhouse style (dropped octagon) clocks. The major Japanese manufactures were the Seikosha factory (1888) who made all kinds of clocks and watches. Other major factories in the 1890s were the Meiji Clock Co., and the Aichi Clock Co.

Movements were imported by Japan from major clock companies in the United States. The school clock case style was prominent until about 1915 when other case styles became more in demand. I read or heard in the 1880 period that the Ansonia Clock Co. exported more than 300,000 brass movements to Japan. When these movements became exhausted Japan started copying the Ansonia style brass movements. I have seen many childish attempts to engrave the name 'Ansonia' on the copied movement.

After World War II Japan again went back to the schoolhouse case clocks, box and modified box cases. These clocks were marked 'Made in Occupied Japan' from 1946 to 1952. Other manufacture dates of interest: Items marked Nippon were made from 1891 to 1921; Items marked 'Made in Japan-Japan' were made from 1921 to 1940.

Japanese Clock Cont...

In the early 1970s crates of ten Japanese schoolhouse clocks were selling for about \$200 a crate. A crate of box clocks cost about \$80-\$100 for a crate of 10 to 15 clocks. Many of these schoolhouse clocks had the original Ansonia movement in them. These same clocks sell for \$125 and up.

These early (1875-1950) Japanese clocks are now collectibles-especially to the Japanese. Don't look for the 1875 and before clocks-they were bought up by the tourists before 1900-no 'sleepers' now.

Interesting, I don't see too many Japanese clocks in the Marts (any style). Most are priced over \$100. Do you have a crate of the old Japanese clocks in your collections?

The Tip Off

By Phil Russell

What time is it, if you see 12 a.m. or 12 p.m.?? Not so easy, huh? Is 12 a.m. mid-day or midnight? If the parking meter says Pay from 8 a.m. to 12 p.m.-can you park free at 1 p.m.? Sounds simple in this technological age-but? Maybe, not a final answer for most, the U.S. Naval Observatory, our official time-keeper, says 'there is no 12 a.m. or 12 p.m.-only noon and midnight. I'm sure glad this confusion has been cleared up ???????'

\*\*\*\*\*

Did you know the English language has no simple word for night and day-except the use of '24 hours'. We say 'day' and it can mean daytime, or night and day, or 24 hours. What is really confusing is 'when does the day begin-in the middle of the night??" I guess the atomic bomb had to come first before some of these things can be sorted out.. Goodday.

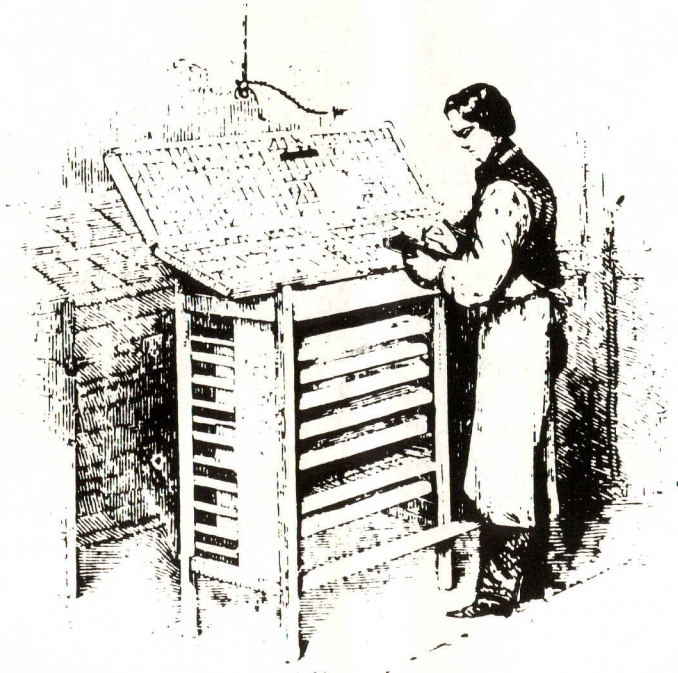
# WANTED:

GOOD CONDITION, ILLINOIS 16S 21J BUNN SPECIAL DIAL.

TAP & DIE SET FOR WATCH AND/OR CLOCK REPAIR.

WILL BUY OR TRADE.

STEVE FABES 932-5091 (EVES.)



## SILENT AUCTION:

Now is the time to hunt for the old Horological items to bring in for the "silent auction". This is always a fun part of any Chapter meetings. Let's bring in more items so other members can find some of those long lost treasures.

Minutes From Executive Meeting: January 25th, 1989

1. General: The February meeting will be moved to 2/5 due to a double booking of the Hall. Committee Appointments were made.
2. Membership: Nothing new to report.
3. Treasurer: Budgets must be submitted and approved by the March Board Meeting. The books had a clean audit.
4. Programs: (Several discussed)
  - \* Escapements for the novice
  - \* English Lantern Clocks
  - \* Benicia Tower Clock
  - \* Railroad Watches
  - \* Question & Answer Session
5. Chapter Emblems: New pins will be ordered in a different color.

Steve Fabes

Trivia for Clock Nuts:

Alistair MacLean wrote "Puppet on a Chain".

Both the book and the movie made from it had the exciting prelude to the climax laid in the Turret of "Kasteel Linden" in Holland. This Turret held approximately 500 very old clocks-all wound- all running- and all connected to an amplifier with earphones. The "Bad guys" were out to do the hero in by letting him listen to the collective chiming of these clocks through the earphones.

Care to know how it came about? or how it ended? The book is in paperback & well worth the reading, not just for the clocks, but for the rousing suspense generated.

Sandy

Articles Wanted:

Now is the time to start writing for all you budding writers and the like. I have heard that the editor is sooo desperate for articles, he will gladly take any thing from the members, typewritten or not.

Cartoons, jokes, puzzles, and just about anything that is related to Horology is acceptable.

Mail all submissions to:

Bob Prochnow  
435 Laguna Ct.  
Livermore, CA 94550

