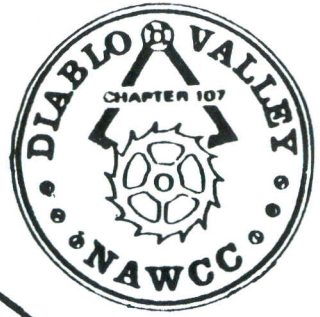


DIABLO VALLEY BULLETIN



XII

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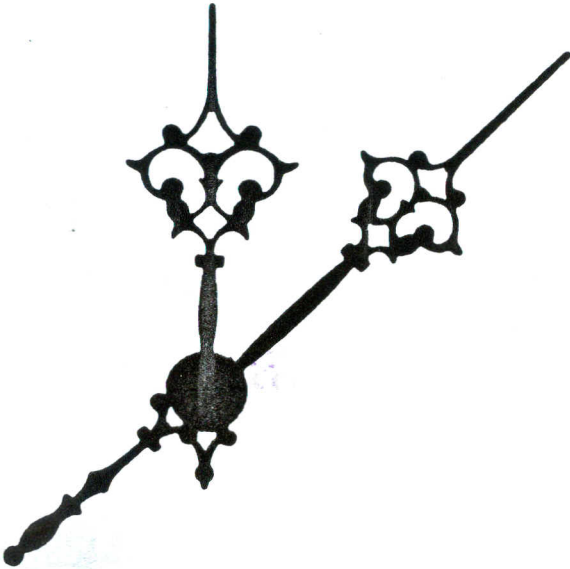
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VI



NATIONAL ASSOCIATION OF WATCH
AND CLOCK COLLECTORS, INC.

OCTOBER
1985
#42

OFFICERS

President.....	Fred Cuthill.....	686-3144
Vice-President.....	Yen Kwan.....	540-2201
Vice-President.....	Bob Boone.....	672-9254
Secretary.....	John Stohr.....	376-6476
Treasurer.....	John Sanderson.....	937-6272

DIRECTORS

Sandy Cuthill.....	686-3144
Tom Kochmann.....	676-7505
Scott Grabill.....	825-1984
Dick Trautwein.....	820-3863
Dorothea Sanderson.....	937-6272
Bob Prochnow (Past President).....	449-5956

CHAIRMEN

Bulletin.....	Bob Prochnow.....	449-5956
Membership.....	Bob Wahrer.....	462-4912
	Roy Holman	
	Harry Nelson	
Mart/Silent Auction/ & Hospitality.....	Wayne DeLaroche....	944-9242
Display.....	Phil Russel.....	229-2462
Library.....	Sandy Cuthill.....	686-3144
	Roy Holman	
Program.....	Yen Kwan/Bob Boone..	540-2201
Facilities.....	John Sanderson.....	937-6272
Nomination.....	John North.....	676-9188
Drawing.....	John Coulter.....	254-0746
Photographer.....	Jane Saville.....	837-5589

(Where the chair is shared, the telephone number of the first name is listed).

CHAPTER MOTTO: ACCENT ON EDUCATION

Statements of opinion or fact made by the authors of articles appearing in the 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.

THE PRESIDENT'S MESSAGE

October is here and December not far away. As you will see in this bulletin, a list of candidates for Chapter Officers and Directors for 1986 has been included. At this meeting, we will be accepting nominations from the floor. If you wish to be on the 1986 Board, now is the time to speak up.

The October program promises to be extremely interesting. Our guest speaker is Ken Roberts who is well known as a speaker on Early American clocks. Come early and 'reserve' your seat.

The 1988 Regional has been secured for September, 1988. We need a large site to hold this convention. We also need workers, display items, ideas, etc. Bob Prochnow has volunteered to head our chapter's end of the works. Please contact him at his home or at the meetings.

Hope to see a large turnout for the October 13th, 1985 meeting.

Freddie



MEETING INFO

Date: October 13, 1985

Mart Set-Up: 11:30 AM

Mart Opens: 12:00 Noon

Meeting Begins: 1:00 PM

Display Theme: Early American Clocks

Now is the time to bring all those Early American Mysteries! It is a rare opportunity to have such a knowledgeable speaker at one of our meetings, so let's all make the display the best one yet.

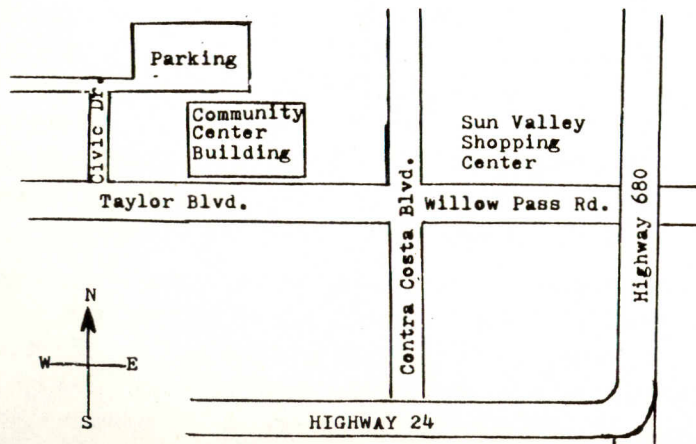
Dues: Chapter Members...\$15.00

Non-Members...\$1.00 donation for refreshments.

Mart: Free

Place: Pl. Hill Rec. Ctr.

Silent Auction: Free



October Meeting Display Theme

EARLY AMERICAN CLOCKS

The display theme for October will be Early American Clocks. Look in your attics, basements, and other places and bring your Eli Terrys, Willards, Seth Thomas, Joseph Ives, Elias Ingrahams and other early American clocks, especially the Connecticut variety.

We plan to have a well known clock authority (Ken Roberts) as program speaker, who may help you to further identify and give you the history of your clock.

There are a lot of early American clocks out there. Bring them in so we can all enjoy them and amaze our speaker.

Phil Russell
Display Chairman

Candidates for Officers:

Below is the list of candidates for officers for the 1986 calendar year. If anyone else is interested in running, let Fred Cuthill know at the meeting.

President..... Jane Saville
Vice-President..... Merwyn Grabill
Vice-President..... Jack Coulter
Directors..... Jean Busher
Fred Costa
Roy Holman
Secretary..... Marilyn McCartney
Treasurer..... Tom Mitch

The Nominating Committee

Nominations will be open from the floor at the next meeting. Please check with the person you wish to nominate to make sure they can serve.

FOR SALE...FOR SALE...FOR SALE...FOR SALE

- 1 Oak Watchmaker's bench.....\$100
- 1 Single weight long case movement
on test stand. No case or dial.....\$50
- 1 Marine Chronometer, John Carter
fuzee with Earnshaw escapement
and gimble mount.....\$1,000
- 1 Watchmaster Watch timer, paper tape,
print-out, watch and clock pick-ups with
balance spring vibrator.....\$55
- 1 Machine Lathe, 4 inch swing. Atlas on
stand, with motor.Good Running Cond.....\$150

Royal English
937-7433

WANTS...WANTS...WANTS...WANTS...WANTS...

Wanted: Plate Clock tin can case, 5 1/4" diameter; and
3 bolt mount type works.

Phil Russell
229-2462

Wanted: American clock cases, old Horological books
or catalogs on American clocks. Also mercurial Bar-
ometers and parts.

Bob Prochnow
449-5956

FOR SALE...FOR SALE...FOR SALE...FOR SALE..

Herschede Grandmother: Oak, Westminster Chime
\$550

Joe Ford
223-3415

WANTED: Early 1800 8 day Grandfather movement.

Bud Ehler
228-5387

A Few Shop Construction Methods for Mass
Production Of Clock Cases
by Phil Russell

You can be sure that hand work was very limited
in America mass production of cases. Hand labor was
too expensive. Labor Rates doubled from 1810 to 1870.
In 1870, Waterbury Clock Co. paid skilled mechanics
\$2.50 a day, while ordinary labor got \$1.50 a day
(Probably a 12 hour day). I made 25¢ an hour in 1938 and
87 1/2¢ in 1941.

To develop a new clock model, the designer would
prepare detailed drawings. The skilled mechanic (usu-
ally the designer) would prepare templates to cut-out
the wood pieces. Jerome & Co. said it would take 200
processes in the hands of workmen before a clock was
completed. In 1870, Waterbury Clock Co., with 142
workers, made 82,000 clocks, 96,000 movements, and
85,300 cases.

Patterns made by the designer would be copied onto
metal dies with various scrolls. The metal dies then
would be used to simulate wood carvings-like on the
kitchen clocks. Intricate designs were made on metal
rollers for frames and sashes-like on railroad and
schoolhouse cases. Simulated glass etchings on glass
were done by a silk screening process in gilt or silver.
The dial face was done by a printing shop, along with
the paper of instructions on how to set up the clock.
For wood- cut out for production models- 5, 10 or 20
or more pieces would be cut at one time by the 'gang'
process like clothiers used.

The fronts of Black Mantel clocks (my favorite) were
engraved by two types of metal dies (1) Continuous lines
and (2) pointed dotted lines. Silver or Gilt paper was
laid on the wood and the pressure on the metal dies not
only impressed a groove, but left coloring in the groove.
Looks like hand work-but it isn't! The painting process
included 'paint on oil solution' which gave a marbelized
appearance (Easter eggs are colored this way now.)
Black mantel clocks were dipped in 'japanning' several
times and then baked. All of the above processes were
to reduce labor costs. Can anyone tell us how the works
were massed produced?

TIME TO RENEW YOUR DUES

Yes! It's that time again, fast approaching. Renew your dues at the October meeting and avoid the long lines at the December meeting. While everything around us continues to escalate in price, our chapter dues are still the same, just \$15 for the year.

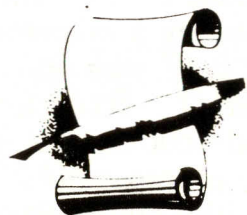
Regional Volunteers?

Chapter 107 will host the 1988 regional, I have volunteered to act as chairman of the steering committee to start the necessary arrangements. Others who have volunteered include Wayne Knauff, John North, Wayne DeLaroche, and possibly Dorothea Sanderson. If anyone else is interested, please call me or let Fred know at the meeting.

Bob Prochnow

BOOK REVIEW:

ELI TERRY & THE
CONNECTICUT
SHELF CLOCK
by Kenneth D. Roberts



This is just one of many by the author, who will also be our speaker at the October meeting. The book covers the start of Eli Terry and others important in the early American clock era. It deals with wood movement clocks and has a wealth of information for the expert or the novice. The book is presently out-of-print but can be purchased from some of the Horological Book Houses with a little perseverance. An excellent book, throughout.

Bob Prochnow

HOROLOGICAL QUIZ

SIMON WILLARD was one of the most famous of all of America's clockmakers. Of the following statements, which are true and which are false? (Answers on the last page)

Simon Willard was born in Boston, Mass. (1) _____ on April 3, 1753 (2) _____, and had three brothers who were also clockmakers (3) _____.

He completed four years of college at Harvard (4) _____. His first clocks were tall case clocks (5) _____, and were made with a lathe. (6) _____. Later, Simon moved to Roxbury (7) _____ where he also improved upon a 'clock jack' for roasting meats (8) _____. In 1801, he invented an improved timepiece (9) _____ but was never granted a patent for it. (10) _____. Simon Willard died at 96 (11) _____ a very rich man (12) _____.

The following poem was
submitted by
Dee & Jim McElroy

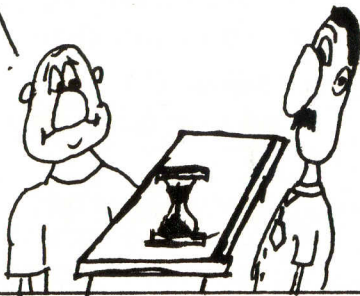
The clock of life is wound but once
And no man has the power
To tell just when the hands will stop,
At late, or early hour.
Now is the only time you own.
Live, love and toil with a will.
Place no faith in tomorrow,
For the clock may then be still.

(Author Unknown)

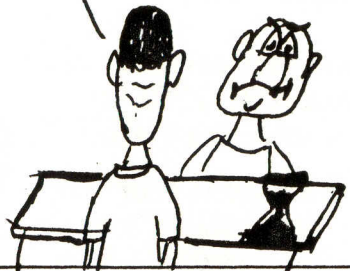
HOROLOGICAL FUNNIES

by
TOM KOCHMANN

My Hour Glass
doesn't work!



I'm not surprised,
with all that
SAND clogging it!



K.

WELL MR. Ingraham
I KNOW why your
FOOT HURTS.!

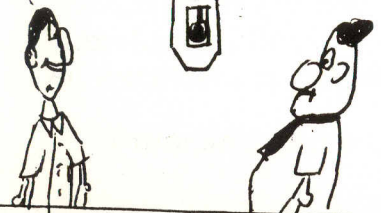


YOU HAVE AN
Ingraham TOENAIL!

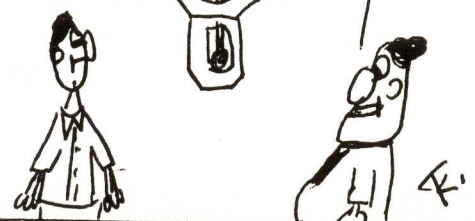


K.

This
clock runs
8 DAYS without winding



And How Long
will it run if
you wind it?



K.

Horological Quiz answers:

- (1) False Grafton, Mass.
- (2) True
- (3) True
- (4) False
- (5) True
- (6) False
- (7) True
- (8) True
- (9) True
- (10) False (in 1802)
- (11) True
- (12) False



ARTICLES, ETC.

Many thanks to all those who provided material for this issue. The more people who get involved, the better the Bulletin will get.

Keep those cards and letters coming in!!!

Bob Prochnow
Editor

Send articles to: Bob Prochnow
435 Laguna Ct.
Livermore, Ca. 94550

or call me with your material at: (415) 449-5956
Material does not have to be typewritten.

Chapter Library News:

Books are available for checkout at all meetings.
Let's all use the library to its fullest extent.

