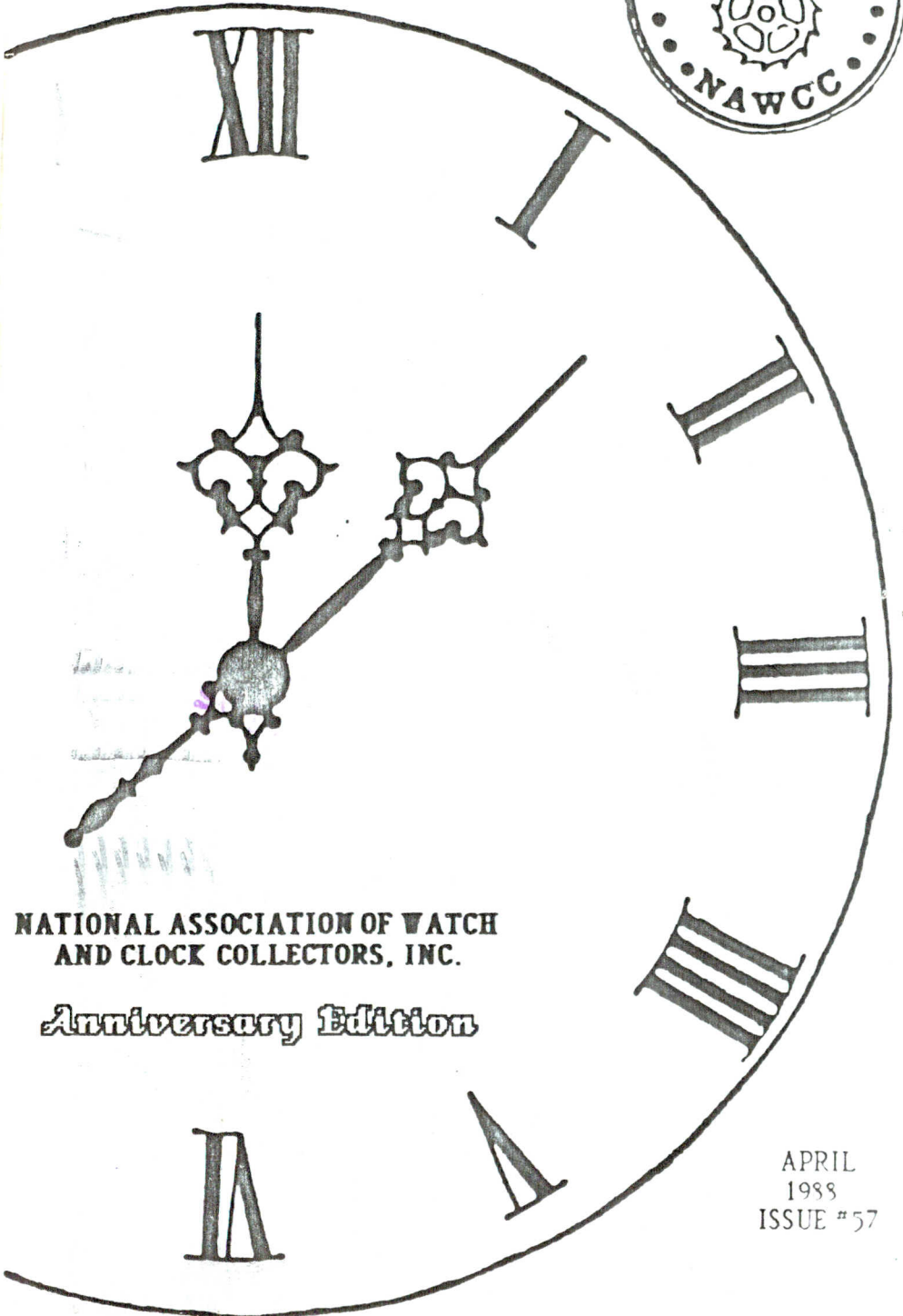
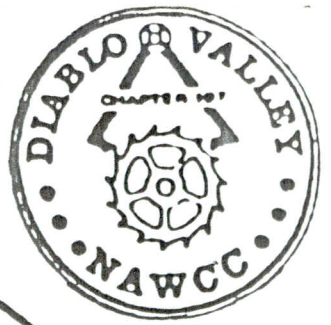


DIABLO VALLEY BULLETIN



**NATIONAL ASSOCIATION OF WATCH
AND CLOCK COLLECTORS, INC.**

Anniversary Edition

APRIL
1988
ISSUE #57

1988 OFFICERS

PRESIDENT.....	JACK COULTER.....	254-0746
VICE-PRESIDENT.....	H.C. COX.....	934-9507
VICE-PRESIDENT.....	WAYNE KNAUF.....	(209) 957-0824
SECRETARY.....	ROY HOLMAN.....	530-5428
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PHOTOGRAPHER.....	FRED CUTHILL.....	686-3144

CHAPTER MEETING DATES: FEB 14, APRIL 10, JUNE 12, AUG. 14, OCT. 9, DEC. 11

EXECUTIVE COMMITTEE MEETING DATES: MARCH 7, MAY 9, JULY 11, SEPT. 19, NOV. 7.

CHAPTER MOTTO: AGENT 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

The biggest news is that we are 10 years old! This achievement is covered more fully elsewhere in this bulletin. The next biggest news is that after 10 years at the Pleasant Hill Community Center, we are moving to the Home Federal Savings Building at Tree Valley Rd. and Rossmoor Pkwy. (Opposite Rossmoor and Del Valle H.S.) in Walnut Creek. Starting with it's January meeting, your Executive Committee has been working on the 1988 budget. A bare bones budget still resulted in expenses exceeding income by \$500. (The same was true in 1987.) Keeping our money in an interest bearing account as of this March helps but not nearly enough. The two largest items in the annual budget are meeting room rent (\$500) and the cost of printing and mailing the bulletin (\$600). Someone at the last meeting mentioned to John Stohr that Home Federal has a FREE meeting room at it's Rossmoor Branch. John Stohr, Jim McElroy and John Sanderson checked it out and it will meet our needs. We have a signed agreement for this year and next. Thus, the \$500 deficit is erased! We are grateful to the as yet unknown member who pointed out this opportunity and I would appreciate it if he would let John or I know his identity so we can thank him personally.

Jack

MEETING INFORMATION:

DATE: APRIL 10, 1988

PLACE: Home Federal Savings & Loan
(Walnut Creek) in
multi-purpose room.

MART SET-UP: 11:30 AM

MART BEGINS: 12:00 NOON

PROGRAM: WATCHES FOR CLOCK
COLLECTORS
(BY JOHN NORTH)

MEETING BEGINS: 1:00 PM

DISPLAY THEME: UNUSUAL WATCHES!

ANNUAL MEMBERSHIP: \$15.00
NON-MEMEBER DONATION: \$1.00
MART: FREE TO CHAPTER MEMBERS

DISPLAY THEME:

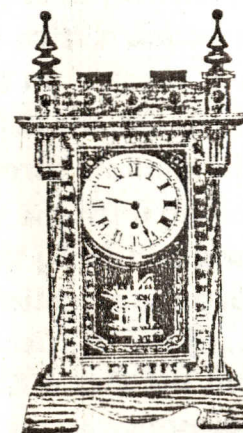
Do any of you clock collectors have watches? Of course you do! How about bringing in an example of watches that a clock collector may acquire.

Do you have many?

The maybe you can select:

- * Your favorite watch
- * An unusual or interesting watch
- * A watch with a story
- * Your oldest watch
- * Mystery Item! (A watch that you want to know more about)

P.S. Watch Collectors may bring a clock for display.



Saga Of The European Clock: Prelude

I wrote a series for 107's Bulletin called the Saga of the American Clock. It was brief and low-keyed, something that a beginner could understand (because we at one time or another are all beginners), and something that might peak the interest of those who have a special historical and technical period in mind. I like Chapter 107 because of its dedication to learning and that's what I've always been about. I welcome phone calls from people with strange questions about horological items.

Why do we like clocks and horology? I suppose it is for the same reason that "buffs" like railroad trains and steam engines; because those things are history and they do things. They speak to earliest man's needs to organize and yet to beautify his world. A clock and a watch does both; or at least it used to. Today I'm not sure. Clay pots and glass speak of history but not of the technology of man's mind, to organize his life.

Clocks began when man stuck a stick in the ground and observed the shadow it created on that day and throughout the year. He observed the differences in direction and length of the shadow throughout the year and recorded them along with the simple rising and falling of the sun and suddenly the science of the "Hours" or Horology became established. It became the science of the seasons, of the influence of the moon and planting and don't tell me that a Kansas farmer still doesn't consider the almanac as well as the computer before planting and harvesting.

The science of "Hours" was established very early and by many ancient cultures; The perfection of the Egyptian pyramids, the solstice and other astronomical observations from Stonehenge and various stone settings; Mayan observatories in Southern Mexico.

What I intend in this series is to speak to time telling with a little flair, a little practice and some knowledge. I will speak to the inner guts and outer trappings of European clocks; their history, makers, etc. We will start with an alabaster sun dial from the Near East, a Chinese water clock, the beginnings of wheels and gears that seemed to have taken place around the 12th or 13th century, the beautiful but poor timekeepers of Renaissance princes made of gold and silver; of Christian Huygens wonderful invention, the pendulum, and how it was to begin the great century of superb Dutch, English and French clocks.

And then the great parade of styles and cases, A William and Mary 1680 Fromenteel or Thomas Tompion; a Queene Anne Marquetry, exquisite of floral veneer patterns; the bracket clocks of Chippendale and Hepplewhite in England and the Louises of France. Then the creative, innovative and later mass produced pieces of the 19th century; The French Morbier, The Austrian Biedermeier, the Black Forest German cuckoo, The English fusee and the strange scientifically oriented and whimsical late Victorian novelties.

Tune in with each new 107 Bulletin Chapter of the Saga of the European Clock.

Dorothy Glenk
The Determined German
(Previously The Damned Yankee)

NOTES FROM THE MARCH '88 EXECUTIVE COMMITTEE MEETING:

1. Treasurer's report: \$4,322 in a new interest bearing account at Home Federal Savings (plus \$2,000 advanced to the 1988 Western regional).
2. The 1988 Program Schedule has been submitted and approved. Program Chairmen will move to firm-up speakers.
3. The 1988 Budget was submitted and discussed. Tentative approval pending investigation of a new meeting place. See "President's Message for further details.
4. Finalized plans for observing our 10th anniversary at the April meeting.
5. Have searched all past Executive Committee minutes and compiled a list of rules and policy decisions. Will review at the next Executive Committee meeting and organize into a separate folder for easy reference and future updates. Plan to summarize in the Bulletin.

Roy Holman
Secretary

Anniversary Articles
10 years old!
Diablo Valley Chapter #107

In 1976 and 1977, Dorothea and I were invited to 2 or 3 meetings with several fellow clock buffs to discuss how to best start a local NAWCC Chapter. Nothing came of them but agreement that one was needed.

Dorothea envisioned a Chapter dedicated to education, "How To" demonstrations, a bulletin, and a library for those expensive books members might not be able to afford. So she conspired with Fred and Sandy Cuthill, who are always willing to help Horology, Lissa Hallberg and Scot Hampton to join us at our house for informal "club" meetings. After all, if we couldn't get the necessary 25 members for a Charter, we would at least have some pleasant clock discussions. And if each of us brought a guest and the guest did likewise, we might soon have a real chapter.

The informal meeting I remember best involved a program done by Fred Cuthill and myself. We called the program, "Should I buy this clock? and How to clean a clock". The topic sounded grander than it was. The first part was merely to reassure the novice that only minimum expertise could be exercised when examining a clock in a situation when you couldn't take off the face or take it apart. (in an auction, for example). During the second part, Fred told of a mutual acquaintance, from whom we each had purchased clocks, who cleaned clocks fully assembled and with the springs tightly wound. Then they were rinsed and dried in an oven for, perhaps 20 minutes.

Well, that nearly broke up the meeting...everyone had to tell his favorite way of cleaning and what was wrong with this guy's way (and, incidentally, what was wrong with several attendees' way).

Then David Morgan proposed that we establish dues, pulled \$10 out of his pocket and suggested the others do the same.

So Dorothea's dream came true...107 was born. We moved from the living room to the Pleasant Hill Center at a cost per meeting of about \$25.

(Incredible, isn't it—the charge for the last meeting was \$82)

A list of those ,who worked hard , to thank is too long for this article but one deserves mention. We held a contest for the logo - Jim McElroy won with his design of the Graham dead beat escapement.

John Sanderson

Notes from Phil Russell:

Programs in the next few years entailed short programs before the regular program. This gave much more information per meeting.

Certificates of Appreciation were developed to thank past officers, etc of Chapter #107.

In December of 1982, we instituted our annual clock and watch auction, which still continues today.

Additional remembrances

Notes From Sandy Cuthill:

The first official meeting of the DVC #107 was held at the Pleasant Hill Center on April 9th, 1978. Karl Kochmann was the first speaker. (On the Black Forest Cuckoo Clocks).

The programs were always the central theme of the meetings.

The first Chapter bulletin was published for the December, 1978 meeting. Dorothea Sanderson was the chairman.

Our first officers were:

President:	Dorothea Sanderson
Vice-President:	Fred Cuthill
	Dave Morgan
Secretary:	Sandy Cuthill
Treasurer:	John Sanderson
Directors:	Scot Hampton
	Royal English
	Bruce Miller
	Bob Gustafson
	Roger Campbell

Notes from Jack Coulter:

The development of our programs is worth noting. Right from the start we were fortunate to have the talent within our membership, plus a lot of hard work by the program chairmen, to enable us to have live speakers, rather than Headquarter's slide shows for most of our meetings. Some events became a regular part of our programs such as the white elephant auction, ugly clock contest, and raffle. (The Christmas Pot-Luck was once, just an idea!)

The library is certainly a matter of pride considering the size of our Chapter. Special notice to Sandy Cuthill, our librarian since the beginning.

The Chapter Badge...A distinction few (if any?) other Chapters can claim.

The little noticed accessories made or given by members: Charter Easel, Gavel & Block, The bookshelves.

Most-of-All, we should salute the members; the people who worked and attended meetings and kept us active for 10 years.

Happy Anniversary #107

I have to say that putting this bulletin together was truly a lot of fun. This Chapter has grown quite a bit in the last 10 years and has accomplished more than many Chapters twice it's size and age. The real meaning behind any Chapter is not where it's meetings are held, not the size of the Chapter, nor the experience of it's members. What a Chapter symbolizes is what the individual members make it as a group. This past ten years has been coupled with a lot of education, fun times, as well as hard work. Let's all strive to make the next ten years even better by taking part in making the Chapter what we want it to become. We are only limited by the ideas and imaginations of the Chapter members. We can only learn by taking part and living the Chapter's History.

HAPPY BIRTHDAY #107

(and many more)

The Editor

CLOCK WHEEL REPAIR

The making or cutting of a new clock wheel is beyond the ability of most repair people. A few, like Tom Kochmann in our area, have the elaborate equipment needed to do the job.

However most clock wheels missing only a few teeth can be repaired. The first step is to cut an inset into the rim of the wheel, spanning the width of the lost tooth or teeth. A jeweler's saw or a small swiss type file or both are needed for this critical step. A dovetail type cut will add strength to the replaced tooth. In the area removed from the wheel, tightly fix an oversized blank strip of brass which will be soldered into the wheel rim. The tighter the fix, the stronger the repair.

When the replacement strip has been fitted, remove and lightly tin with solder along the edges of the wheel cut and replacement strip. Refit and solder the two edges together. Dress the repaired area with a file to a uniform thickness of the wheel. Prior to hand filling in the missing teeth, I like to make a pattern of the existing teeth by laying the wheel on paper and tracing with a sharp pencil, the teeth outline. Trace a greater number of teeth than are missing from the wheel. Cut out the pattern and lay on the brass strip so that the existing teeth on either side of the replacing strip match. With a sharp scribe, trace the teeth shapes into the blank area. (Use a felt tip pen with permanent ink applied to the blank, allow to dry, trace pattern into the inked area). Now hand file, and your wheel is repaired.

CLOCK WHEEL REPAIR (cont'd)

(note on soldering: Solders are of two types; hard and soft. Soft solder has a high percentage of lead and melts at a temperature under 400 Degrees Farenheit. Solder bought in the hardware store is soft solder. There is a "soft-hard" solder called "tix" which contains some silver and is much stronger. Tix requires a special flux, both of which are available through Horological suppliers. Hard solder also called silver solder, contains a large percentage of silver, requiring greater heat and a borex flux to apply. Silver solder has much greater strength than soft solder but requires skills and heat similiar to welding to apply.

John Stohr

Raffle news:

With the upgrading of the prizes comes a special offer. 2 FREE grommets to each purchaser while they last.

Also, special thanks to Loren Scanlon of American Reprints for both his reasonable prices on books and a generous donation of books to the prize cache.

Ticks & Tocks

(By Phil Russell)

NOTICE! Due to the decline of the dollar in the international market, there will be a price increase on all new movements effective May 1, 1988. "Get them while they are cheap". (Who uses new movements, anyway?)

What Ever Happened To:

The Ansonia Clock Company of Brooklyn, N.Y.

Well, it was purchased in 1929 by Amtorg, a Russian Purchasing Agent. All machinery was shipped to Russia in 1930. The Ansonia Clock Co. became Moscow factory #2. Several Ansonia technicians went along to train the Russians.

The Dueber-Hampden Watch Factory of Canton, Ohio.

It was purchased at the same time by Russia and became Moscow factory #1.

The E.N. Welch Clock Manufacturing Co.

In 1903, it became the Sessions Clock Co.

The New Haven Clock Co.

In March, 1960 it went broke and all equipment & facilities were sold at auction.

The Waterbury Clock Co.

Went broke in 1933 and all case materials and shop sold at auction. The name passed on to the Time Corporation in 1944.

Wm. L. Gilbert Clock Co.

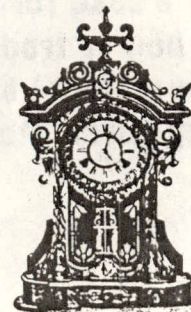
It ended in 1964 when sold to the Spartus Corp. of Chicago.

E. Ingraham Co.

In 1967, the Company was sold to McGraw-Edison, a conglomerate.

The Seth Thomas Clock Co.

Leadership passed from the hands of Seth Thomas Jr. on June 5, 1932 to General Time Corp.. In 1970 went to Talley Industries and moved to Athen, Georgia. (Still uses the Seth Thomas name).





FOR SALE:

MUST SELL: Collection of early Americans 1820-1880, collectable and saleable Victorians and novelties, Black Forest of all types; serious rare species from all countries, From cow's tails to fuzee's to 8 day woods, (18th & 19th Century). Also antique glass and other items.

NO REASONABLE PRICE REFUSED! Come first and pass on the word.

Dorothy Glenk
825-9039

WANTED:

I am looking for a case for a French pinwheel movement. Will buy or trade for floor standing or wall regulator case. Must be at least 50" in length. Also any Mercury Barometers in any condition.

Bob Prochnow
449-5956

FROM YOUR EDITOR:

THE DIABLO CHAPTER'S BULLETIN IS ONLY AS GOOD AS IT'S MEMBERS MAKE IT!

Why not start gathering up all those tid-bits of information you have collected over the years and put them into words. If your not sure of what to say, give me the information and I'll be happy to put your thoughts into words for you. Let's make 1988 the best year ever for the Diablo Bulletin.

As always, send the articles, drawings, puzzles, etc to:

Bob Prochnow
435 Laguna Ct.
Livermore, CA 94550

p.s. It is not necessary to type the information.

