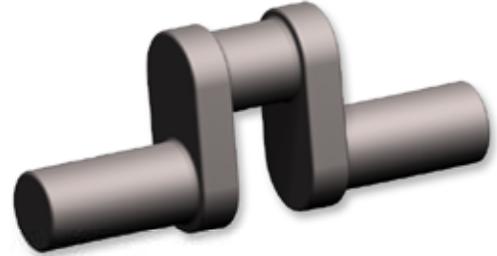


The Crank Calls



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February 2010

MEMBERSHIP

\$25.00 US

Contact

Ken Hurst at
(707) 257-2481

NEXT MEETING

February 20, 2010 at
Chabot College, building 1400
25555 Hesperian Blvd, Hayward 94545
Doors open at 9:00 AM
Meeting starts at 10:00 AM

Upcoming Events

NorCal Racing Expo Vallejo Speedway 2 Reunion:
Saturday, Feb. 27, Solano County Fairground,
McCormack Hall, Vallejo; 10AM – 4 PM

MEETING NOTES

Carl Wilson 01-16-2010

Four guests signed our register this month. Everett Good, retired marine engineer and friend of Dwight Giles; and Joshua Tolberg who is studying Industrial Design at the Academy of Art University. Jay Cook is installation manager for Kone Elevators and has been reading MEB from the beginning. Tommy Christiansen introduced himself: Dwight Giles started taking me to his engine shows a year back and I fell in love with it. I am making a steam engine (Fancy II) right now and it is almost finished. It is my first project. Dwight also brought me here." I'll take a guess that Tom is about 12-13 years old and calls Dwight "Mr. G." Congratulations, Mr. G! The fifth guest didn't need to sign the register: I have known Roy Anderson for many years. He is a member of both the Golden Gate and West Valley Live Steamers. Roy recently moved back to the Bay Area and I recruited him for BAEM.

The 2010 National Meet of the Early Days Gas Engine and Tractor Association will be held at the Santa Margarita Ranch located just off Hwy 101 between Atascadero and San Luis Obispo on June 24 -27. Put this on your calendar: it will be an outstanding show. More on the show at: <http://www.edgeta2010national.com/>

Skip Adrian, proprietor of SDA Mfg and a regular vendor at our WEME show donated 4 laser edge finders to the club. We entered the names of all of the current members of BAEM into the drawing and pulled out four names: Clay Pace, Tom Armstrong, George Hawks, and Jim Kipp. Thanks, Skip. More info on the edge finders at: <http://www.lasercenteredgefinder.com/main.html>.

2010 annual dues are now due. If you haven't already paid you annual dues, please make checks payable to "BAEM" and send to:

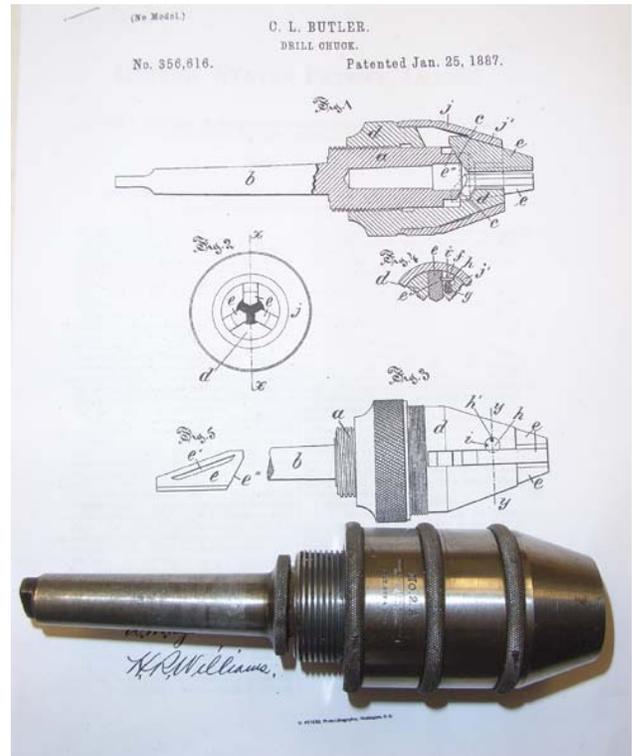
Ken Hurst
2650 Indiana Street
Napa, CA 94558

Bits and Pieces

Shannon Lile held up a small paper wrapper and reminded us that Plastigage is a good way to check the clearance in split plain bearings.



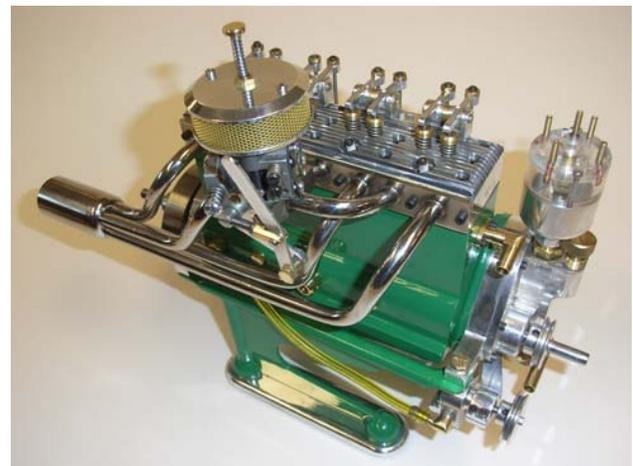
Ken Hurst displayed a variety of old measuring tools. On the left two hermaphrodite calipers (the British call them odd-leg calipers.) They are useful for scribing a line located from a flat surface. On the right are three lever type indicators: the movement of the indicator tip is magnified by a series of levers and displayed on a short scale.



Mike Stimm owns a very early Morse Twist Drill Company #2A drill chuck. It is shown with a copy of the illustrations for the patent which is dated 1887.



Bob Johnson brought his main bearing micrometer. The long reach of the anvils makes it possible to measure the diameter of crankshaft mains while the crank is in the block. I think the upper bearing shell has to be removed before measuring the journal.



Since the December meeting Dwight Giles has added the water and oil pumps and carburetion. Up next is wiring, fuel system, and mounting on his custom box. Dwight should be ready for First Pop Honors next month.



Bob Hettinger made this brass vise paperweight some years ago. Nice modelmaking!



Steve Jasik's CNC lathe is making parts: this is a replacement knob for a Bridgeport mill.

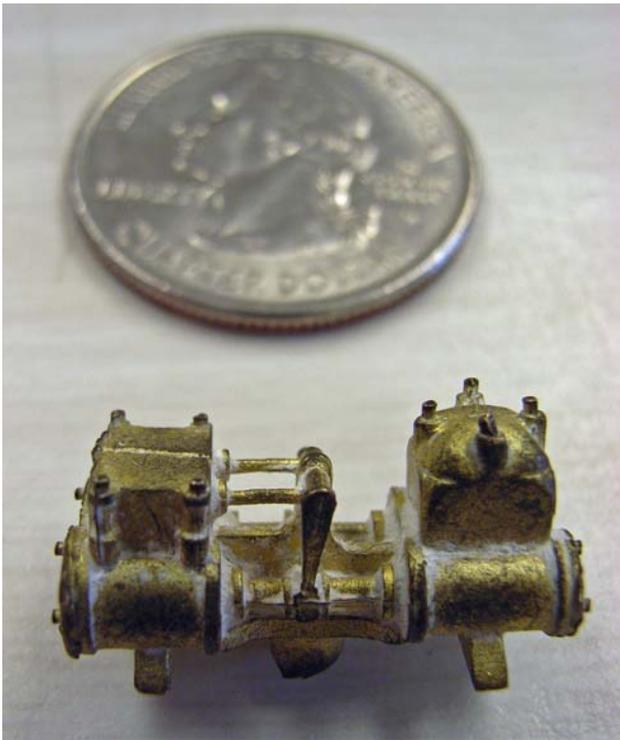


Ken Hurst made the patterns for these Roots blowers, the late John Vlavianos cast them, and Jim Kipp finished them. The rotors were CNC machined by Reid Machine, Lake Elsinor, CA. Words do not do these blowers justice.



Mike Stimm built this Upshur Farm Engine from plans in Strictly IC. It runs on a vaporizing carburetor designed by Jan Ridders using Coleman fuel. Mike said it starts easily

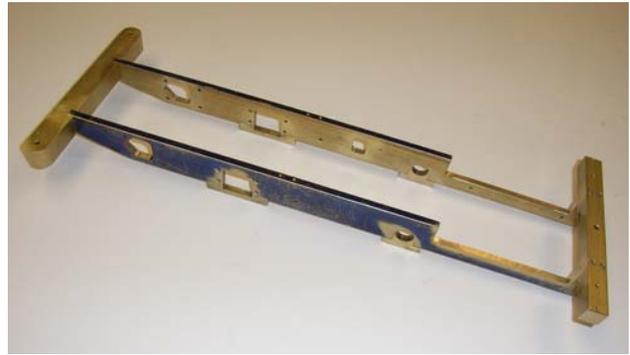
but does not continue to run well. The piston carries O-rings and they may be the problem.



Peter Lawrence projected some drawings of steam pumps on the screen and no photos were taken of them. Quite by co-incidence one of our guests, Roy Anderson had brought a steam pump which he made in lost wax. There is a lot of detail in a very small casting. So in a way we have a photo of Peter's contribution.



Outstanding craftsmanship by John Kilmore: the tender for his build of Kozo Hirokoa's Pennsylvania A3 switcher locomotive in 3 1/2" scale.



The frame for John's locomotive.

Anthony Rhodes used the computer and projector to show one of his latest projects: the recovery of the original drawings of Jack Radford's design for a formed cutter relieving attachment. No photos were taken of this: see Anthony for more details.

Chris Leggo has taken notice of the passage of time and decided to begin selling his tools. Contact him at 510-247-0961.

Bay Area Engine Modelers at the Academy of Art in San Francisco

by Ken Hurst

Five members of the group did an engine display Feb 5 for the students of Academy of Art University of about 30 people. The group was very much appreciated. Members were Dr. Bob Kradjian, Don Jones, Dwight Giles, George Gravatt & Ken Hurst . Most of the students were at the school for auto design & Industrial art.

