



The Line Shaft

The Official Newsletter of the

NORTH JERSEY ANTIQUE ENGINE & MACHINE CLUB

APRIL 2012

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Our Web Address: njaemc.org

The meeting started at 7:00 PM with 38 members in attendance. Ann Marie was not present so Blace read the financial report. Ann Marie's report stated that our members have really stepped up and 99% of our dues are up to date. 😊 Our insurance bill has more than doubled from last year because our membership has grown immensely. This coming year is going to be really tight financially for the club. Depending on what type of help we receive from our club members, we will be able to bring more



food to the events. All help is appreciated!!! Blace talked about the importance of safety pertaining to our equipment. We have had a pretty good track record so far and we don't want to ruin it. We are going to be putting a lot of time into running our equipment this summer, so let's be safe. We have a lot of cleaning and organizing to do at the Shed. One project, is to put lights and a better muffler system on the Oil Field Engine. During the Fair this year, we will have an engine display in the tent, instead of tractors. It would be nice if we could have the engines driving some sort of equipment. Any ideas would be appreciated.

The 50/50 was won by member Josh Lewardowski.



OUR NEXT MEETING WILL BE AT THE ENGINE SHED

ON APRIL 12TH AT 7PM (weather permitting).

We will also be starting our Thursday work night at the Engine Shed throughout the summer. Stop in and see what's happening.

North Jersey Antique Engine & Machine Club

**VINTAGE TRACTOR
PLOW DAY**



Saturday, May 5th, 2012

at Ideal Farms, Lafayette, NJ

CHECK OVER YOUR TRACTORS AND MAKE SURE THERE ARE NO FUEL LEAKS. ALL WIRING SHOULD BE IN SAFE, WORKING ORDER.

YOU MUST HAVE A FIRE EXTINGUISHER ON YOUR TRACTORS OR ON HAND FOR STATIONARY ENGINES.



Sussex County St. Patrick's Day Parade



Saturday March 17th started out cool and cloudy, with the club members meeting at the G&H parking lot. We unloaded and did the “reverse parade” to our rally point to await the start. While waiting, we were entertained by the various bands and warmed up with the splendid refreshments supplied by AnnMarie Adams and her new “coffee-stand” tractor attachment. The parade rolled out with the sun ablaze. Blace was asked to pull the club hay wagon with the 2011 Fair Queen and her Court. He was backed up by Chuck Klim in case his John Deere couldn’t make the trip. (Yeah, like that would ever happen)! The rest of the club was further back, but we weren’t at the end with the horses.

THE PARTICIPANTS THIS YEAR WERE:

1. Blace Flatt on a 1950 John Deere 50 pulling the NJAEMC Hay wagon with the 2011 Fair Queen competitors
2. Chuck Klim on a 1952 Oliver 77
3. Tim Snook on a 1956 Allis-Chalmers WD45
4. Kevin and AnnMarie Adams on a 1967 International Harvester Cub “Miss Daisy”
5. Dan Kent on a 1948 Allis-Chalmers WD
6. Scott Dickerson on a 1941 International Harvester Farmall H
7. Jim Dunlop and Cookie on a red, white, and blue 1952 Ford 8N
8. Nick Feenstra on a 1940 John Deere L
9. Bruce Mitchell on a 1951 Minneapolis-Moline 335
10. Brad Swistack on a 1952 International Harvester Farmall Super A
11. Jim Swistack on Brad’s 1939 John Deere B
12. Jeff Brooks driving his 1954 Dodge Power Wagon
13. Dave Betts with his 1938 Lawson 1-1/2 H.P. hit n’ miss engine

King of the parade!





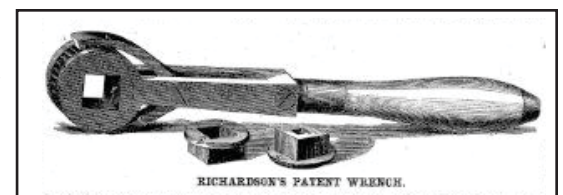
The Richardson Ratchet... The Scientific American... April 16, 1864 (Page 248)

Machinists and others very frequently experience difficulties in turning nuts or holding bolt-heads so that the nuts can be screwed on them when the same are situated in places where they can not be reached by an ordinary wrench.

We have illustrated a useful tool herewith by the aid of which nuts, taps, rimmers and other cutting instruments can be turned without removing the wrench at each stroke. It will be seen that the ratchet wheel is confined between two side pieces between which it works easily, and there are two pawls which work on the center. These have springs inside by which they are kept up to their work on the teeth. By the side of the wrench we have two sockets. These sockets are made to fit the square hole in the wrench and their inner apertures are cut to various standard sizes, either triangular, six or eight sided, or as may be best suited to the work to be done. The shoulders on these sockets prevents them from falling through, and when they are to be used they are inserted in the aperture of the wrench. It is obvious to the mechanical reader that when the handle of the wrench is moved back and forth, the pawls engage with the ratchet teeth in one direction and slip over it in another, thus imparting an intermittent revolution to the bolt or nut acted on. When the bolt or nut is to be unscrewed the wrench should be reversed or turned upside down. This is a useful tool that can be made available in many cases where a common wrench could not be, and it is in many respects quite as efficient for drilling holes as the wrenches ordinarily used.

This tool was patented thru the Scientific American Patent Agency on the 18th of June 1863 by J.J. Richardson, of Woodstock Vt. For further information address the inventor at that place. Rights for Sale.

The Scientific American was first published in 1845 and has survived in several reincarnations thru today...both in-print and online...146 years after this article was published!





Happy Belated St. Patrick's Day

Hello everyone, we just wanted to say we are very sorry for not being able to make it to the last meeting and the parade. If we missed anything in this newsletter please let us know by contacting either of us. We hope you all had a great St. Patrick's Day and a wonderful Easter with your families. We hope to see you all at the next meeting!!!

Sincerely Your Editors,
Christina Francisco & Tiffany Redding



UPCOMING EVENTS

NEXT MEETING

THURSDAY, APRIL 12th, 2012

AT 7PM

**at the Fairgrounds Engine Shed
(weather permitting)**

**Antique Engine & Tractor
Show at**

**BLAIRSTOWN TRACTOR
SUPPLY SHOW**

Saturday, April 21st 9am - 2pm

MILITARY SHOW

April 28th & 29th

SPRING PLOW DAY

Saturday, May 5th

JACKTOWN MEET

Weekend of May 17th -19th

GARDENING WEEKEND

**at Lusscroft Farm in
Beemerville**

May 17th -19th (Contact Kevin)

Swap Meet- To Be Determined

MARKETPLACE

WANTED: 14.9 x 24 used tire

CONTACT: Ken Reuter, 973-670-1646

FOR SALE: International Cub Cadet 102; repainted, just needs wire harness. \$400 **CONTACT:** Paul Curcio, 33 Central School Rd., Wantage NJ 07461, 201-835-5924, PaulF350@yahoo.com

WANTED: Backhoes-Compact Tractors-Mini Excavators-Skid Steer Loaders-Cletrac & Oliver Crawlers-Farm Tractors-Small Dozers... in any condition. **"Top \$ Paid"**

CONTACT: Robert Norman, 845-858-8242

WANTED: 3-Point hitch conversion for Farmall "H"

CONTACT: Rich Magera, 973-948-6625

FOR SALE: Steam bent ash hardwood walking plow handles;
high quality straight grain. \$30 per pair.

CONTACT: Bruce Mitchell, 973-702-1012

FOR SALE: Premier Designs jewelry or host jewelry trunk show. Donations to NJAE&MC from sales.

CONTACT: AnnMarie Adams, 973-946-1726, AnnMarieBAdams@aol.com

WANTED: Good hood & good fenders for Ford 8N (I have bent ones)

CONTACT: Jim Dunlap, 973-219-9694

FOR SALE: 2 ea. 154 International Harvester Low Boys; one ran 3 yrs ago when shut down, under tarp, has Woods 59 inch belly mower. 2nd tractor running, needs brake work, has rear mount 3 point hitch with hammer type mower attachment. Both with long personal ownership. For sale or trade for older Cub Low Boy with plow and/or attachments, or 8/9N Ford.

CONTACT: Charles Germershausen at cgermershausen@hotmail.com or call cell 1-973-214-5968. Tractors located in Florham Park, NJ.

WANTED: Spare parts for 1917 Fairbank/Morse hit & miss engine. Ford Golden Jubilee steering wheel

CONTACT: Charles Germershausen at cgermershausen@hotmail.com or call cell 1-973-214-5968.

FOR SALE: 2 Goodyear 16.9 x 24 6 ply Industrial Sure Grip Tractor/Backhoe tires. Approx 40% tread. Good condition, great for spares. (These tires are \$800 each when new) Asking \$125 each or willing to trade for decent 11.2 x 28 tractor tires for Ford 2N.

CONTACT: John at 973-919-0369

WANTED: Parts for International M Hit or Miss Engine. Piston, sleeve, etc. needed, all parts considered.

CONTACT: John at 973-919-0369

FOR SALE: Air Powered Press and Brake - \$300.00, Air Powered Transfer Pump - \$200.00

CONTACT: Don DoNofrio - 973-627-3706



Christina - April 17!