

The Villager



fermi national accelerator laboratory

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FERMILAB PATENTS INCREASING

Carl Pallaver and Mike Morgan, of the Fermilab Neutrino Department, are the most recent recipients of checks for patented inventions resulting from their work at Fermilab. On September 23, Pallaver and Morgan each received \$50 for their "Combination Vacuum Pump-Out and Pressure Relief Valve."

Carl and Mike have worked together for seven years; they were at Argonne before coming to Fermilab. As Carl explains the beginning of their device, "If we'd had this device 15 years ago, we'd have saved a lot of trouble. To pump a cryogenic line, we have to have an operator to keep this certain valve from breaking off. Mike and I decided to make a good workable valve that doesn't need an operator. In other words, we took a complicated device and made it simple."

Inspired by their success, the two cryogenic men have now filed three different patent applications on three applications of a cryogenic engine. It's a natural, they feel, that will save the Laboratory a lot of money. It will take more than two years for the application to be processed.

Every employee at Fermilab signs an agreement to assign patent rights to the U.S. Atomic Energy Commission on any work done at Fermilab. This assures that new inventions at national laboratories will remain available to the public. The AEC in turn recognizes the talents of laboratory employees with a cash payment when inventions are patentable. Patent applications may be filed by individuals working at the Laboratory. All technical papers to be released outside the Laboratory are routinely subject to patent clearance by the Laboratory before they are sent out. At the end of 1974, 163 papers had received clearance; 14 applications were in process.

Quentin Kerns received the first patent award at Fermilab.

Bruce Strauss patented "A Method of Fabricating Composite Superconductive Electrical Conductors" in 1972 and, with Robert Sheldon, "Method for Centering and Restraining Coils in an Electromagnet" granted December 4, 1973.

Rudy Nissen and Edward Tilles collaborated on two patents granted in 1972. Also in 1972, Carl Swoboda and Alfred Maschke received cash awards for patents; Maschke previously was awarded patent money in 1970.



... (L-R) *Mike Morgan, Carl Pallaver received patent checks from Rich Orr of Research Division...*



... *Morgan-Pallaver's patented valve...*

FERMILAB PATENTS INCREASING (continued)



... (L-R) - T. Toohey, patent officer, and Fermilab inventors W. Fowler, J. Heim, Q. Kerns, B. Strauss, C. Swoboda...

Others who have received payments for patents granted at Fermilab include William B. Fowler, Peter C. Vander Arend, and Joseph Heim.

Frank Cole of the Accelerator Division served as the first Patent Officer, followed by Drasko Jovanovic. Tim Toohey of the Research Division is the present Fermilab Patent Officer. Atty. Arthur A. Churm is chief of the Chicago Patent Group of the Chicago Operations Office of the AEC.

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BICENTENNIAL MEDAL ON SALE

The American Revolution Bicentennial Administration has announced the 1974 Official Bicentennial Medal is on sale at the U.S. Mint in San Francisco, during the month of November. The medals are made in both bronze (\$3.50 each) and silver (15.00 each) and come in an attractive display case. This year the medal honors John Adams and the First Continental Congress. The money raised from the sale of these medals is used to fund Bicentennial projects. Last year, 483 projects received money from this program.

These are the only official medals Congress authorized to be struck by the U.S. Mint, in commemoration of the Nation's Bicentennial. They can be ordered from:

American Revolution Bicentennial Administration
P.O. Box 1976S
San Francisco, California 94101

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SIGN UP NOW!

Aurora Blood Bank will visit Fermilab Monday, November 18, from 9 a.m. to 3:00 p.m. At least 200 donors are needed in order to keep full coverage for all Fermilab employees. Any-one over 18 may donate on behalf of a family. Coverage includes all employees, members of their family and immediate household -- if enough pints are collected. Call Dorothy Poll, Ext. 3232, for your appointment soon.

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PLAYGROUP INVITATION

Fermilab employees and visitors are invited to bring their pre-kindergarten children to the NALWO Playgroup for a visit. The Playgroup is a co-operative nursery school which pro-vides play activities, learning and craft activities for children from 18 months to kinder-garten age. Parents take turns sharing the supervision and instruction that the group offers its young members. Playgroup meets at the White Farm on Eola Road. Call Kay DiBianca (231-5177) or Lynn Ducar (879-8333) for further information about Playgroup meet-ing time and arrangements.

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JOURNALIST-AUTHOR AT FERMILAB NOVEMBER 15

One member of the two-man team that helped uncover the Watergate scandal will appear at Fermilab on Friday, November 15, at 8 p.m.

Wheaton-born Robert Woodward returns to his native area to lecture and to visit his parents, Chief Circuit Judge and Mrs. Alfred E. Woodward of Wheaton. A graduate of Wheaton Central High School, Woodward then went on to graduate from Yale University in 1965.

After Yale, he served seven years in the U.S. Navy, deciding to turn to newspaper reporting. After a short time on a suburban Maryland paper, he joined the Washington Post staff.

On his day off on June 17, 1972, a call from his editor to cover a burglary took Woodward to the scene of the incidents that have since had historical consequences for the U.S.

Woodward and his partner, Carl Bernstein, have written a book, *All the President's Men*, now a best seller. The Watergate exposé won a Pulitzer Prize for the Washington Post and the two reporters.

The Woodwards are well-known to many area residents. Fermilab looks forward to hearing first-hand Mr. Woodward's perspective on the past two years in Washington, D.C.

Tickets for the lecture are now on sale at the Visitors Center, CL 1W, or from Marilyn Paul, CL 2E. Tickets are \$3.00 each.



...Bob Woodward...

IMPORTANT FERMILAB PHONE NUMBERS

For help in case of emergency at Fermilab, call 3131 - or 840-3131.

From O'Hare airport, call 261-1910 to reach the Fermilab operator. Taxi service from the Continental bus stop in Batavia to the site may be arranged by calling this number and giving arrival time in Batavia.

The Fermilab taxi is now reached on site by dialing H-A-C-K. Roger Braun is the dispatcher for on-site service and for service to and from the Continental bus stop in Batavia.

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SHORT NOTES:

...The Fermilab Users Center in the Village is now open Monday - Friday from 5 p.m. to 11 p.m., and on Saturday from 12:30 p.m. to 6:30 p.m. Drop in after the movie.

...Parking is no longer permitted on the drive at the base of the horseshoe in front of the Central Laboratory. The drive is too narrow at this point to permit both two-way traffic and parking.

...The southeast elevator in the Central Laboratory is closed for modifications to give access to the basement. When this work is completed, the elevators will be re-programmed in a new access pattern, Dave Sauer advises.

...Dormitory rooms are available for visiting experimenters and theorists in the Fermilab Village. Rents start at \$5.50. Call Housing Office, Ext. 3560, for further information.

...Happy Hour - Thursday, November 7 - 5:30 to 7 p.m. - Village Barn

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FRIDAY, NOVEMBER 8 -- FERMILAB SOCIAL EVENTS

Inter/National Film Society - Auditorium - 8 p.m.

"The Shop on Main Street" - a 1965 Czech film directed by Jan Kadar, Elmer Klos. The film recalls tragic-comic circumstances that occurred during the early occupation of Czechoslovakia by the Nazis.

Fermilab films are open to the public. Tickets are \$1.00 for adults, 50¢ for children. Punch and cookies served after the film.

International Folk Dancing - Village Barn - 8 p.m.

Everyone welcome. Marilyn and Jim Griffin are leaders. Variety of dances from many countries.

Sing-A-Long - Laukant home, 212 N. Erie, Wheaton - 8 p.m.

Everyone invited. The group enjoys singing familiar songs. Lyrics provided. Beer and pizza dutch style. Call Herta Laukant, 665-0439, if you are coming.

ANY SUGGESTIONS?

A bright yellow suggestion box has been placed in the Fermilab Cafeteria. Signed or unsigned suggestions for Fermilab improvements would be welcome from anyone who has something constructive to offer. Suggestions will be collected regularly by the Director's Office. They will all be given careful consideration, good ones will be acted upon.

Results of suggestions and what is done about them will be posted regularly on the Free Speech board in the vending area of the cafeteria and on the Public Information boards under the west stairway in the Atrium.

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....The sounds of music may ring through the Central Laboratory if enough people respond to a call for singers and musicians at Fermilab to start a Fermilab chorus (director needed, too) and instrumental group or band. Larry Jackson, Ext. 4070, 4072, would like to see the musical activities ready for the Christmas holidays.

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CLASSIFIED ADS

FOR SALE - Walnut Dng. Room set, 6 chairs & buffet; woman's bicycle w/child's seat; two 6x9 & one 9x12 rugs; antique dresser. Best offers. Call G. Zielbauer, Ext. 3861 or 897-4705.

FOR SALE - Capacitive discharge ignition unit, new, \$25. Call Frank Mehring at Ext. 4048.

FOR SALE - Doberman Puppy, AKC, 12 weeks, red, female. Call after 5, 851-1750 or 898-9309.

FOR SALE - Doberman Pinscher, AKC, 1 year, male. Call Dave at Ext. 3535.

FOR RENT - 1 Bedroom Apt. in Bolingbrook, carpeted, a/c, walk-in closet, garbage disposal, near I-55 & 53, \$180 /mo, \$150 deposit. Call C. Jierree, 75-2165 (AEC) or 964-2436.

FOR RENT - 2 Bedroom private Home on waterfront, Pine Island, Florida near Ft. Meyers. By wk. or month. Best fishing, restful surroundings. Call Art Streccius, Ext. 3580 or 584-0712.

FOR SALE - One A70-13 Tire, fits Vega, new \$10. Call Dave Ritchie, Ext. 3940.

FOR SALE - 4 White wall Tires, G70-15 like new. \$60 for set. Call L. Larson, 898-4933.

WANTED --- Road-killed animals, birds and fish for Waubonsee Community College Taxidermy class. Call B. Paul or R. Haynes, Ext. 3575.

ATTN. HORSE LOVERS - Hay, straw, Oats for sale. Call B. Schlick evenings at 231-8127.

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