

IBM

Kingston News

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P. M. Grant to Study Physics at Harvard

"The engineer working in modern electronics will be lost without a knowledge of basic theoretical atomic physics, especially in the field of solid-state device development," explains IBM M.S. Scholarship participant Paul M. Grant.

Applied Physics

Now on educational leave of absence while studying for a bachelor of science degree in electrical engineering at Clarkson College of Technology, Paul plans to enroll at Harvard University in the fall to study for a master of science degree in applied physics.

Paul joined IBM in August, 1953, in early SAGE computer development at Poughkeepsie. He joined Test Equipment Engineering as a technician in March, 1954, and six months later entered the first SAGE Field Engineering class.

Upon graduation six months



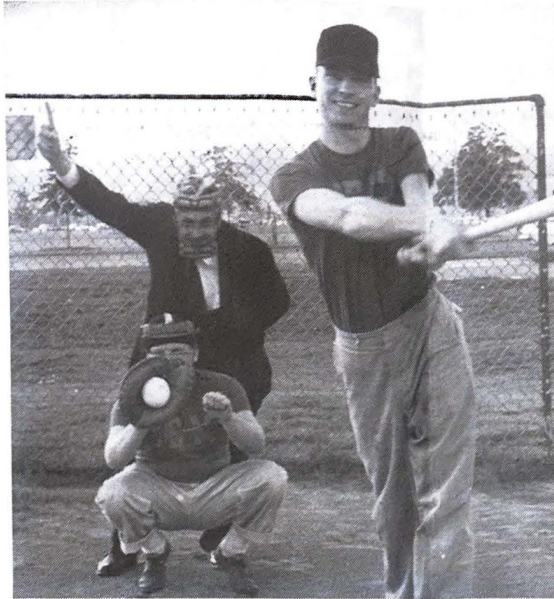
Paul M. Grant

later, he was assigned to systems test at the XD-1 site, Lexington, Mass. In the fall of 1956 Paul took an educational leave of absence and enrolled at Clarkson.

Two Patent Applications

A member of the Tau Beta Pi and Eta Kappa Nu societies, and of the IRE and AIEE, he also holds two patent applications now on file with the U. S. Patent Office.

During the summers of 1957, 1958 and 1959, he worked in Kingston SAGE programming, Memory Development and Advanced Display Development, respectively.



"STRIKE ONE"—General Manager Richard J. Whalen calls the first pitch on batter Thomas Silk, of Memory Assembly, as the ball slams into the glove of catcher Charles Jackson, of Test Equipment Maintenance, during opening game of 1960 softball season.

Wild West Awaits Children on IBM Club Trip to 'Carson City'

Got any gun-totin', rough-ridin' cowpokes from four-to-eight years old in your corral, pardner?

If you do, they'll probably want to go to fabulous Carson City in the Catskills for a day-long visit June 25 along with

all the other four-to-eight year old cowpokes in the Kingston IBM Club.

Stage Coach Ride

IBM Club committeemen will distribute tickets Wednesday, June 1, to all IBMers whose youngsters, four to eight, want to go on this IBM Club-sponsored event.

The fee is \$1, covering bus transportation, admission, lunch, and a ride on a stage coach and train. Buses will leave the plant parking lot at 9:30 a.m. and return at 4:30 p.m.

IBM Club committeemen will accompany the children, approximately one to each group of five.

Circle-K-Corral

Carson City, located south of Cairo on Route 32, features the Wells Fargo Stage Coach, the Mine Train, the Last Chance Saloon, the Circle-K-Corral, a barber shop, an assay office, and three chuck wagons.

Highlight of the day will be a robbery of the stage by the James Boys or the Dalton Gang, followed by a thrilling posse chase, gun-smoking capture, sentencing and punishment in the Ducking Pond.

\$1,255 Awarded to Top May Winners

From arbors to ratchet counters, suggesters saw ideas that led to \$1,255 divided among the top four award-winners for May's plant suggestion awards.

Leading the parade was Francis J. Oulton, of FS Drum Head Assembly, with an award of \$475 for an idea to provide additional support for SAGE I expanded memory frames.

He observed that core plane arrays had a tendency to sag because too much weight was spread over too wide a space. Correcting this condition averted possible memory malfunction during active computer time.



Francis J. Oulton's "winner" provides additional core plane support.

Reducing set-up time and eliminating set-up errors for certain gear hobbing machines won John E. Upton, of Machine

New Core Storage Units Quadruple 1401 Capacity

White Plains, N. Y.—Quadrupled magnetic core storage capacity for the solid-state IBM 1401 Data Processing System has been introduced by the Data Processing Division.

The new unit, the IBM 1406 Core Storage Unit, offers three models which, when combined with the IBM 1401 processing units, containing 4,000 positions of core storage, provide up to 16,000 positions of core storage.

At the annual stockholders meeting last month, it was announced that orders for 2,800 IBM 1401 systems had been re-resentenced since it was introduced last October.

Maintenance, the runner-up spot and \$400.

Time Saver

John suggested that hob arbors, or the cutter-holding rotating spindles, of the gear hobbing machine be redesigned to eliminate the spacers that were required with the former design.

Machine Repair and Type Wheel Machining adopted John's design. Not only did the new design eliminate the need for spacers, but it also controlled run-outs and prevented the teeth from jumping gears, during the machining operation.

Deburring Operations

Morgan B. Moore, of Drawer Assembly 2, and Lester K. Johnson, of Riveting, shared an additional award of \$210 for an idea that combined two operations.

Their suggestion reduced the handling time of the ratchet counter's clutch lever burring operations. The ratchet counter is assembled for the IBM 407 Electric Accounting Machine.

Two deburring operations, 150 and 155, are now combined to accomplish the same task with no decrease in product quality.

Filing Idea

Daniel A. Raichle, of Plant Office Services, submitted a filing idea that was right to the point. It was paid off three weeks later.

A file reference for E-size brownline engineering drawings was done with pressboard metal tab folders. "Not necessary," said Dan. They were replaced with plain manila folders. He was awarded \$170.

The balance of Suggestion's May awards in the plant amounted to \$3,525 and went to 90 persons.

IBM Field Engineers Occupy Minot ADS Site

Minot, N. Dak.—IBM field engineers began occupancy of the Minot Air Defense Sector site here May 16, and are scheduled to complete this phase of operations May 27.