

## Film Output Doubles '39 At Harrow

"We've doubled our prewar annual film production," declared Horace B. West, general superintendent of the Film and Plates Dept. of Kodak Ltd.'s Harrow Works. "And the main purpose of my trip to Kodak Rochester is to study up-to-date methods to further increase production. Many of our departments are working around the clock."



Horace West

"Biggest consumer of film is the motion picture industry. More movies are being produced in England than ever before, and many are destined to be exported. The government, therefore, grants high priority on film to the movie industry, and the demand for negative, positive and sound-recording film is tremendous."

West, who spent most of his time while here at Kodak Park, made a trip to the West Coast where Emery Huse, head of the West Coast Office of Kodak's Motion Picture Films Dept., took him to see many of the large Hollywood studios and laboratories.

Entertaining in England is almost impossible these days, he declared in commenting on conditions there. "Rations can't be stretched, but neither is anyone starving. Worst complaint about the food is its sameness," he said.

## Victory Building Bought by Kodak

Hawk-Eye's Victory Building—constructed by the Army Ordnance Dept. in 1943 to enable that plant to turn out a large volume of vital optical equipment for war use—now belongs to Kodak.

Final papers were signed last week and the Company received the deed from the Government for a consideration of \$2,200,000.

The building is seven stories high and contains 412,000 square feet of space.



**Then and Now**—These pictures show the changes that have been made in the Kodak home-movie camera in the 25 years since the Cine-Kodak Model A, at left, was introduced. And, incidentally, they show the changes over the 25-year span in the movie maker himself. At left is Harris Tuttle all decked out in his double-pocket suit and cap, hand-cranking the Cine-Kodak Model A. At right is Tuttle of Sales Service as he is today, posing with the Cine-Kodak Special Camera.



the Cine-Kodak Special Camera.

## Home Movies Observe Quarter-Century Mark

Home movies, which have brought this type of entertainment into the homes of millions, will be a quarter of a century old next Monday. In those 25 years home movies have progressed beyond all early-day expectations. Today the 8mm. and 16mm. films have become an international hobby and an important aid to education, science and industry.

It was July 5, 1923, that Kodak placed on sale in New York City the first complete 16mm. motion picture outfit—including camera, film and projector—and announced the first amateur film processing service to make possible movie making for everyone.

The introduction of color gave a big boost to the making of home movies until today it is estimated that more than 1,100,000 families in the United States own amateur movie cameras. Total in the 8mm. field is estimated at 775,000, while in the 16mm. the figure is set at 325,000 cameras. About nine out of 10 families owning movie cameras, or some 950,000 families, also own motion picture projectors.

**Spurred in Wartime**  
The 16mm. movies, both silent and sound, proved invaluable during World War II for training of the armed forces and in industry. Spurred on by this success, the 16mm. movies are playing a role of ever-growing importance today in education, sales, and scientific and industrial research. It is estimated that approximately one-third of all sales of amateur-size movie film and equipment today are for other than amateur movies.

Kodak began efforts to produce a practical and inexpensive method of making home movies as early as 1916. At that time, despite the commercial failure of the many previous attempts to adapt professional movie-making techniques to amateur purposes, George East-

man, the Company's founder, approved a special project aimed at developing a new type of reversal film. This would eliminate the two

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## EK Products at Work—Science Sees Sky Vagaries In Silver Ball

Our spinning earth becomes jet-propelled in Kodak research movies.

The sun whizzes across the sky from sunrise to sunset in one minute. Dawn is a match blazing in the east. Clouds streak by, sometimes boiling up like exploding puffs of cotton, then race below the horizon. Rain may pelt down, and dry seemingly instantaneously under the summer sun. At sunset, licks of fire may gleam through the cloud cover. And on bright nights, Mars and Jupiter may chase the moon across the sky.

In one minute, you can see all the changes and movement that occur in the sky during daylight hours. It's as though the earth rotated at a speed of nearly 1,000,000 miles an hour at the equator, instead of its actual speed of a little better than 1000.

Dr. Loyd A. Jones and H. R. Condit, scientists at the Kodak Research Laboratories, make the movies as part of their studies of

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## Synthetic Sunlight Produced With Power-Packed Flash

Sunlight may be a will-o'-the-wisp to most Rochesterians, but in the Professional Sales Studio at KO they now will have it at their disposal 365 days a year. The source of this light, however, is the man-made Sun Flash equipment recently acquired by the Studio for experimentation purposes in photography.

### Don't Bet Your Life!

Don't gamble with your life! The Fourth of July holiday weekend is coming up, and whether you go traveling, swimming or picnicking, play it safe. You'll feel better about it on Tuesday. For additional holiday don'ts turn to Page 5 and don't follow Joe Goop's lead.

So powerful is the equipment that it develops energy per flash of 10,000 watt-seconds, comprising 1300 microfarads (unit of electrical capacity) charged to 4000 volts, it was explained.

The new electronic flash lamp was developed by Dr. Harold E. Edgerton, of the MIT electrical engineering department, and his associates. He also designed the first Kodatron Speedlamps.

### Color Exposures

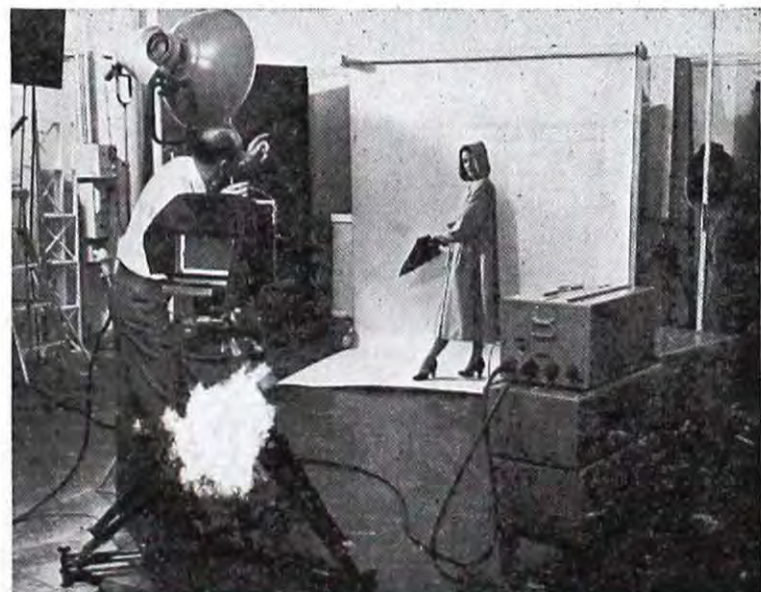
Exposures of Kodachrome or Ektachrome Film, daylight type, can be made at from 12 to 15 feet at f/11. The guide factor for the color film is approximately 250 with a single front lamp at the camera using the entire output of 10,000 watt-seconds. This guide factor is lower if several lamps are used in widespread positions.

Four power units are provided and one or all of them can be hooked into the control unit which has cable outlets to four lamps, each having a 24-inch-diameter reflector and a 12-foot cord. From one to four lamps may be operated on from one to four of the condenser banks. Weighing 1400 pounds, the equipment is mobile, since the heavy power units are mounted on two dollies.

Because of the high power produced, safeguards are provided for the operator and the equipment. Automatic circuit controls are built into the unit.

The tremendous amount of energy dissipated during the flash is

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**Big Flash**—Ozzie Wieggen was snapped here while making test shots with the Sun Flash equipment in the Professional Sales Studio at Kodak Office. The KODAKERY photographer used the powerful flash to make his exposure for this picture. At right are the four power units and the control box to which cables are attached.



**Eyes on the Skies**—This Cine-Kodak Special Camera sees all in the sky by looking into a silver ball. H. R. Condit, Kodak research scientist, focuses the Cine-Kodak on a mirror, upper left, which is inverted over the silver-coated ball. The ball reflects the sky so that the camera sees from horizon to horizon.

## Films Help with Fitting Of Vets' Artificial Limbs

Dr. Russell Reynolds, pioneer in cineradiography, during his recent Rochester visit told Kodak Medical Sales Div. members how X-ray cine films are being used in England to aid men who lost arms and legs in the war.

### 3 Departments Map Outing

Plans for the 49th annual picnic of the Shipping, Receiving and Traffic Depts. of KO, KP, CW, H-E and NOD already are under way, with 250 expected.

It's to be at Bay View Hotel on Saturday, July 31, with activities starting at 1 p.m., according to Bill Sweeney, KO Shipping, and Andy Vogel, KP Shipping, cochairmen.

Following a steak dinner, there'll be a baseball game with KO Shippers playing KP-ers. Games for everyone are planned, and there'll be candle races, nail-driving contests, trick golf driving, and cigarette races.

Hots will be available for those who are hungry by 6 o'clock, and there'll be an orchestra for dancing.

Members of the local rail and motor carrier concerns who contact these Kodak departments also are being invited.

Hash McNeil, KO Receiving, is in charge of the sports program, and Ken Jamieson, KO Traffic, heads the dinner committee. Bill Heuer, KO Shipping, has charge of publicizing the picnic.

Other committeemen are Archie Dann, NOD; Bill McCarthy, H-E; John Scanlan and Joe Stutz, KP Export Shipping; Bob Van Lare, CW; and Duane Doty, Bob Fridd, Bill Heise, Harold Rowe and Tommy Ioannone, KO Shipping.

Reservations should be made early through any of the committee members, say the cochairmen.

The consulting physician in charge of the Department of Radiology at Charing Cross Hospital, London, England, declared that it is possible now to obtain permanent records of the behaviour of a limb within the socket of a prosthesis. These are of great value in obtaining comfortable fittings.

Cineradiography also is being used in other orthopedic cases and in examinations of the heart, lungs and alimentary tract.

Dr. Reynolds' procedure, which he has worked on since 1921, is an indirect method whereby a motion picture record is made of the X-ray image as it appears on the fluorescent screen.

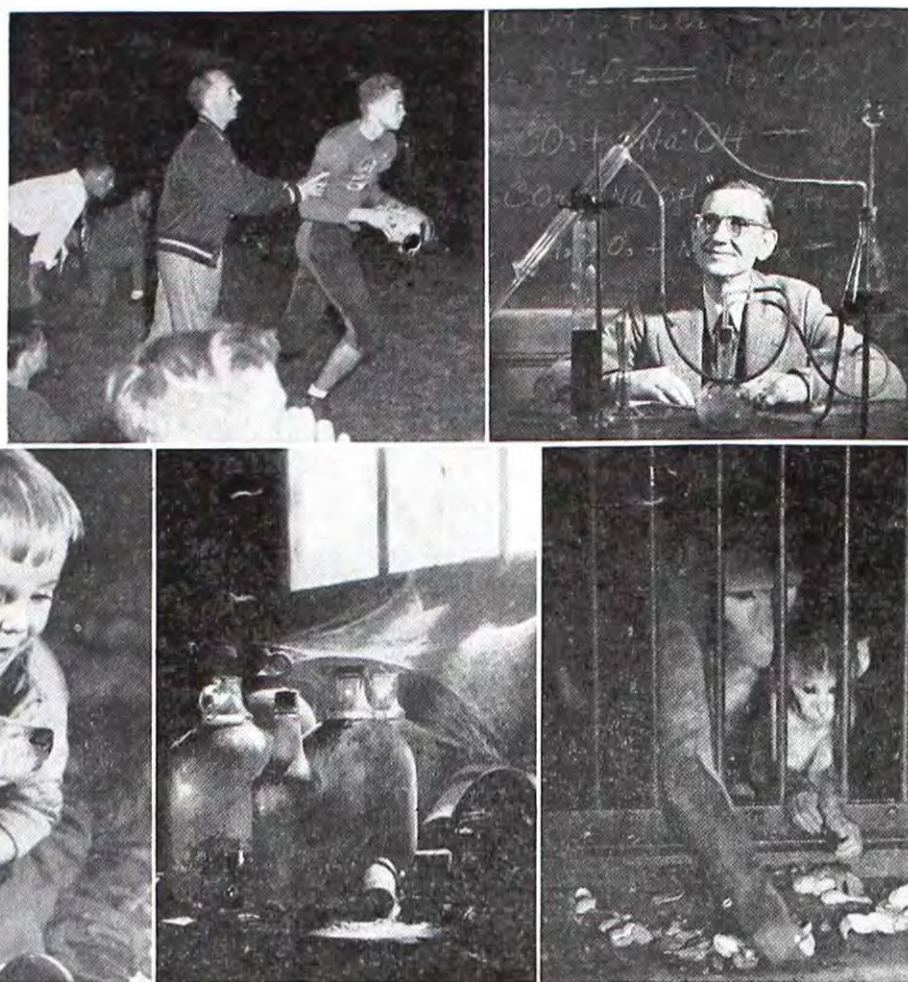
#### Must Guard Patient

Great care, it was pointed out, must be exercised to protect the patient from overexposure as the rays pass through him to the fluorescent screen in an effort to obtain a sufficient intensity of light from the screen to make pictures.

The method still is largely experimental in this country, and Dr. Reynolds spent much of his Rochester stay at Strong Memorial Hospital discussing it with hospital radiologists, the KO Medical Sales Div. men and Rex Wilsey, X-ray physicist in KP's Research Lab. Wilsey and Dr. Reynolds, who began corresponding years ago, have been close friends since meeting at an International Congress of Radiology in 1937.

The Englishman also has attended the American Medical Association meeting in Chicago and has spoken at the University of Illinois during his stay in the States.

### Second Prize Winners



**Awarded \$50** — These pictures won second prizes of \$50 each in the Third Annual (1948) National High School Photographic Awards, sponsored by Kodak. Top, from left, "Two Minutes to Play," by David L. Clayton, Norwood, Ohio; "Men of Destiny," by William G. Hanschmidt Jr., Columbus, Ohio. Bottom row, from left: "Felicity," by Richard Santuci, Buffalo; "Spider Webs," by Ralph J. Varde, Chicago; "Just a Minute, Son," by Donald C. Blais, Holyoke, Mass. Prizes totaled \$3500 and thousands of entries were received from young folks all over the country.

## Color Print Service Speeded With Assist from Uncle Sam

All color print orders now are being returned to dealers by first-class mail or by parcel post, special delivery, Kodak announcements. This is expected to cut down mailing time and expedite delivery of color prints.

In addition, two new color print services—Kodacolor Enlargements and Kodachrome Enlargements, Special Sizes—are being offered.

#### 3 Standard Sizes

The all-new Kodacolor Enlargements will be furnished in three standard sizes—5x7, 8x10, and 11x14—and four Special Sizes, ranging from 4x7 to 8x8. The standard Kodacolor Enlargements will be made from the largest area of a Kodacolor negative that can be printed, conforming to the proportions of the requested size.

If an enlargement of a specific portion of a Kodacolor negative is desired, the cropping may be indicated by placing Scotch Tape on

the base (glossy) side of the negative. The area selected for printing must be of the size of one of several masks that have been selected to use in making enlargements. Magnification in making these enlargements will be limited to approximately five diameters. The new Kodacolor Enlargements will

be finished with 1/4-inch borders. Kodachrome Enlargements now are being offered in 5x7, 8x10, and 11x14 standard sizes, plus special enlargements in sizes other than those normally supplied. Enlargements also may be made from specified portions of Kodachrome transparencies. These special prints will be known as Kodachrome Enlargements, Special Sizes, available up to 11x14 inches. All Kodachrome Enlargements will be supplied without borders and with square corners, except in the case of the 5x7 size which will have rounded corners, it was stated.

Kodacolor Prints, and Kodachrome Prints in the 2X and 3X sizes, will continue to be supplied as in the past.



**Discuss X-ray Cine Films**—Rex Wilsey, left, of the KP Research Lab, and Ted Pevear, right, head of KO's Medical Sales Div., discuss cineradiography with Dr. Russell Reynolds, of London, noted pioneer in this field.

## Kodakwiz

(Answer on Page 4)



This is:

- A step in the Kodak Dye Transfer Process.
- Dry-mounting a negative.
- Laminating a negative on Kodapak.

#### Photo Patter

## Get to Nub of Your Picture By Using Closeup Technique

Are you the type of snapshotter who must include "everything" in his pictures? Some folks make a habit of including a person and the surroundings in each shot. In scenics they try to cover as far as the eye can see. More often than not, the results are poor.

Why not reverse this technique? Concentrate on the real business end of the picture. Many excellent shots are made this way.

Look at today's illustration. Here, concentrated in the picture, is the storytelling part of the incident. The golfer has putted and the ball has stopped on the lip of the cup—that's tragic to any follower of the fairways.

Perhaps if you included the whole figure the camera would register the expression of disgust of the player, but the detail in this snapshot shown would not be as definite. Also, here you notice the stance of the golfer and his grip on the putter.

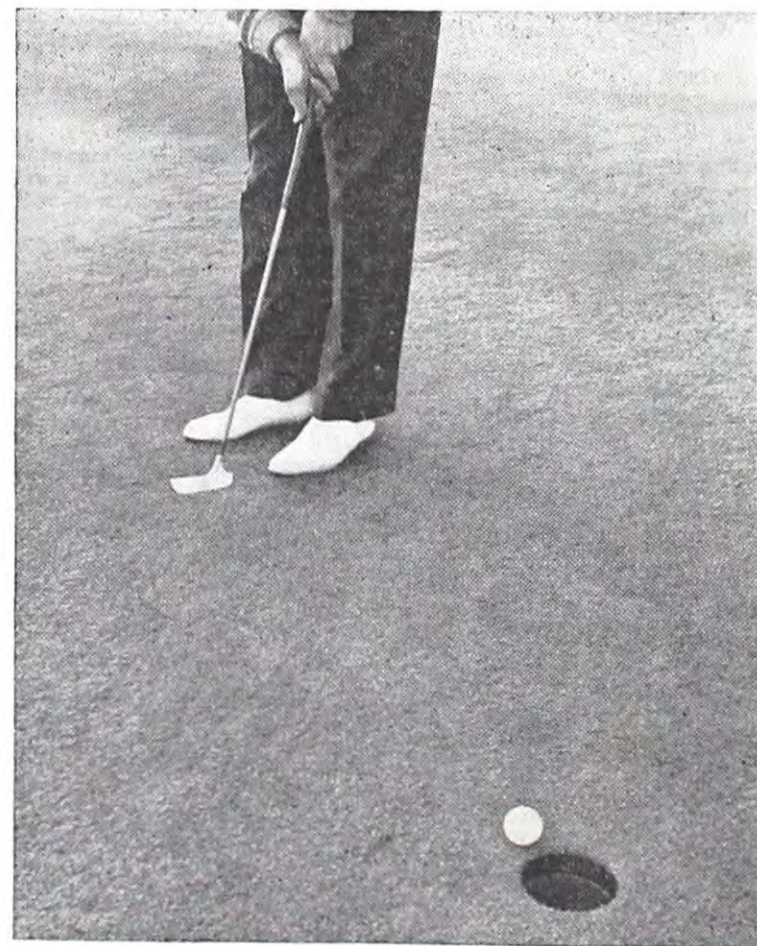
In this illustration the eye first is drawn irresistibly to the ball on the edge of the cup. If the whole figure were included the eye would

run back and forth from the face to the golf ball and the punch and storytelling quality would be partially lost.

Today's picture is a fine example of how effective only part of a whole subject can be. Of course there are many other examples. Probably you have seen pictures of a few gears in industrial photography. The clever photographers have made the pictures dramatic by concentrating on the gears rather than the whole machine.

In character studies certain photographers put the emphasis on the subject's eyes. Pictures of hands alone have been made effectively.

The thing to do is to stop occasionally in your picture taking and consider what you could do with a closeup. They aren't difficult and yet they're always dramatic and interesting if made correctly.



**'There's Many a Slip'** — This golfer left the ball hanging on the lip of the cup but his loss was the photographer's gain. Closeups like this, where the storytelling is concentrated, make fine snapshots in most instances.



**Cooperative Hobby**—Bob Hervey (left) of KP Color Control and Phil Reynolds of KP Roll Coating are neighbors in Ridgedale Circle and find it's an ideal setup to work together on woodworking projects in a shop-converted-garage located between their two homes. Sharing each other's equipment and tools cuts down expenses and they find that the companionship makes the hobby more interesting. Picnic tables and lawn chairs are their specialty. They constructed 60 tables for friends last summer. Their garage-shop is equipped with such machines as a portable electric sander which Phil uses above, paint sprayer, circular saw, lathe and jig saw.

## 3 Mark 40 Years with EK; 23 Reach 25th Milestone

Two members of the Power Dept., Oscar V. Sprague, assistant superintendent, and Henry B. Jones, chief operating engineer in the refrigeration and water division, and Freeman A. Gillice, assistant superintendent in charge of quality control in the Powder and Solution Dept., will observe 40 years with the Company this month, it was learned.

Twenty-three others will mark the completion of 25 years' service with the Company. They are: Earl L. Arnold, general superintendent of Film Emulsion, Bldg. 26; Edward Goeller, Roll Coating; Arthur

Roller, F.D. 3; Milford W. Pease, Chemical Plant; John J. Carroll, Film Emulsion; Walter Henderson, Roll Ctg.; Fred D. Tubbs, Roll Ctg.; Kenneth J. Lynn, Cine and Sheet Film; Floyd Whitmarsh, Engineering.

Also James J. Mapother, Roll Ctg. Fin.; Helen H. Geith, Paper Sens.; Willard Muhs, Engineering; Raymond J. Mott, Cine and Sheet Film; Walter E. Englert, Machine; George Esterley, Cine-Kodak Proc.; Katherine H. Klimcow, Box; Anthony Leib, Acid Plant; William Bommelje, Cleaning; Edward E. Wanjon, Protection; Frederick A. Hill, Receiving; Margaret M. Clifford, Paper Mill; Alfred S. Hargrave, Yard, and William C. Moss, Garage.

### Numbers Are Up!

The lists of suggestions which were approved in the Fifth Period, as well as the lists of those not accepted, have been posted on the bulletin boards throughout the Park.

## Kodak Couple Makes Dreams Come True In 9 Months Seeing America's Wonders

Speaking of vacations, and who isn't these days, Marion Matthews of the Park's KODAKERY Office is exciting wanderlust in the hearts of many of her friends, prospective travelers all. They're eyeing road maps and railroad timetables for suitable havens of rest and quiet.

Marion and her husband, Ralph, formerly of the Tool Room at Camera Works, packed a lot of vacations into one. They left home last July 3, covering more than 25,000 miles in their tour of 33 states, Mexico and Canada before returning home last April.

### Ralph Built Trailer

Equipped with a home made trailer, the handiwork of Ralph, the travelers drove up through Canada, ferrying across Lake Michigan into Wisconsin. From there they proceeded through the Bad Lands and Black Hills of South Dakota, stopping long enough to witness a rodeo before moving on to Yellowstone and Glacier National Parks. Continuing on into the Pacific Northwest, they visited Grand Coulee Dam, Mt. Rainier and other points of interest during a two weeks' stay in Renton, near Seattle, Wash. On Labor Day they enjoyed an all-day boat ride up the Rogue River, covering some 32 miles of primitive scenery.

Our travelers then drove through the Redwood Forest and down into Sacramento, San Francisco and Fresno, Calif. On New Year's Day they saw the Rose Parade in Pasadena. Their stay in Covina, Calif., was broken by an emergency trip



**Trusty Trailer**—Ralph and Marion Matthews are shown with the trailer Ralph built for the 25,000-mile vacation trip they made within the past year, visiting 33 states, Mexico and Canada. Marion is back at KP and Ralph formerly was with CW.

back east in November, due to the sudden death of Marion's mother.

Returning to the West Coast to continue their vacation, they left there in January, visiting Palm Springs, Death Valley, Grand Canyon, the Painted Desert and the Petrified Forest. While in Arizona they spent two weeks with Jack and Frances Sullivan in Parker Canyon. Jack is a former member of the Tool Room at Camera Works and Frances of the Portrait Sheet Film Dept. at the Park.

From Texas they moved eastward to New Orleans and thence to sunny Florida in February, where they remained for seven weeks, meeting many Kodak friends. The motoring pair left Florida and arrived home Apr. 28 after a leisurely trip through the South.

Firm believers in the slogan, "See America First," they are setting their sights now on a trek to Alaska at some future date. Meanwhile, the Matthews home is a rendezvous for color camera fans to view a marvelous collection of slides and movies.

## 2 Park Men Retire Today

Two men will retire from active duty with the Company today after many years of service. They are Herbert C. Harper, Plant Protection, and Seward D. Smith, Industrial Engineering.

Harper joined Kodak in 1919 as a member of the Yard Dept., transferring to Plant Protection in April 1936. He plans to leave for California today to take up permanent residence with his daughter. A farewell party in his honor was given by his friends at the Crescent Beach Hotel June 28.

A dinner party for Smith is scheduled at the Rochester Hotel tonight. Coming to Kodak Park in 1923, he was in the Salvage Dept. for several months before transferring to Industrial Engineering in May 1924.

## Marcus Spafford Claimed by Death

Marcus V. Spafford, Dope Dept., one of Kodak Park's long-time members, died suddenly June 23.

Starting in the Cotton Nitrate Dept. in 1907, he transferred to Silver Nitrate in 1914. In 1921 he joined the Carbon Paper Dept., and in 1932 took over duties in the Dope Dept. He left in December of last year because of illness.

In addition to the KP Pioneers' Club, he was a member of the Kodak Camera Club and the Kodak Park Foremen's Club.

## It's in the Park: Milt 'Shoots' Birds in Smithsonian Institute . . . Gray Ladies Still Aid Vets . . . Smiths Ride Blue Ridge

A variety shower for Alice Nieskens was held June 11 at Barnard Exempt by girls of the Printing Dept., third floor, Bldg. 48. Alice will say "I do" on July 3. Lois Korsch headed the committee



Girls of the Printing Dept. gave a shower for Alice Nieskens who will be married July 3. Seated, from left, Lois Korsch, Mary Kyrk, Helen Warters, Bessie Quinn, Alice Nieskens, Frances Laging, Eleanor Banke, Phyllis Clays, Mabel Johnsonville and Genevieve Pisarczyk. Standing, l. to r., Rita Wilson, Jane Boyer, Edna Horrocks, Ruth Schicker, Christine Van Voorhis, Anna Frank, Dorothy DeVelder and Hazel Lemcke.

in charge of arrangements. . . . Bob Lamb, general foreman in the NCP Dept., returned to his desk June 14 after an illness of seven weeks. . . . When Milton and Edna Goff, Manufacturing Experiments, took a wedding trip to Virginia and Washington several weeks ago, Milt set up his camera in the Smithsonian Institute where, he says, he encountered no difficulty in getting some marvelous bird "stills." . . . About 30 girls from the Engineering Dept. presented Lillian Bissoir with gifts during a

surprise dinner at Mike Conroy's June 10. Lillian was married June 19 to Herbert Cushman, also of Engineering.

Meryl Silver, Bldg. 6, has transferred to the Cine Service Dept. at Kodak Office. His father, Earl, is a member of the Messenger and Mail Service Dept. at the Park. . . . Albert Phillips, Engineering, Bldg. 23, paraded with the Rochester Legion of Honor group at his lodge's annual convention held in Atlantic City several weeks ago.

. . . Among the Gray Ladies serving at the Veterans' Hospital in Canandaigua are Martha Caldwell, E&M Stores Office; Margaret Cusack, Medical; Ann Dukeminier, Bldg. 26; Jane Gastano, Bldg. 23, and Jean Grela, Bldg. 26. . . . Added to the Suggestion Office staff in Bldg. 99 are Alice Cotter and Ramona Amish. The latter's father, Edward, is a member of Plant Protection.

On their recent honeymoon, Norman Anderson, Bldg. 23, and his bride, "Frankie," Bldg. 14, visited Washington, New York, Boston, Maine and Montreal. An early summer snow greeted them in Maine, while fishing topped their short stay in the Thousand Islands.

. . . Marguerite Strong, Lorraine Mosher and Carol Richards were entertained recently at Mike Conroy's by girls of the P&S Dept. Office. The three have transferred to other departments.

On the occasion of her 15th anniversary with the Company, Mary Bentley, Testing, was presented with a gift by her associates. Floyd Hertle, assistant superintendent, made the presentation. . . . A new member of the Bldg. 20 staff is Howard Rupert. . . . Back for another summer period of employment in Bldg. 15 is William Miller. . . . Frank Dykel, Roll Film Packaging, is recovering after a recent operation. . . . Also convalescing at her home after surgery is Kay Stumpf of the Cashier's Office. . . . Ralph Smith, Roll Coating Dept.,

and his wife Hazel, Sundries Mfg., have returned from a trip to North Carolina where they visited his family. En route they toured the Blue Ridge Mountains and the Endless Caverns. . . . Eleanor O'Meara, Bldg. 25, expects to be back at her duties soon after an illness of two months.

When Camiel Daunrens joined the Yard Department's Crutch Club recently, he was given his ride in the wheelchair by Thomas Glen, another newcomer to the club's roster. Jean Dubay of the Yard Office designed a special hat for the occasion, worn by Daunrens. . . . Members of the Export and Branch Shipping Depts. held a party at Mike Conroy's June 18 in honor of Shirley Freatman. She

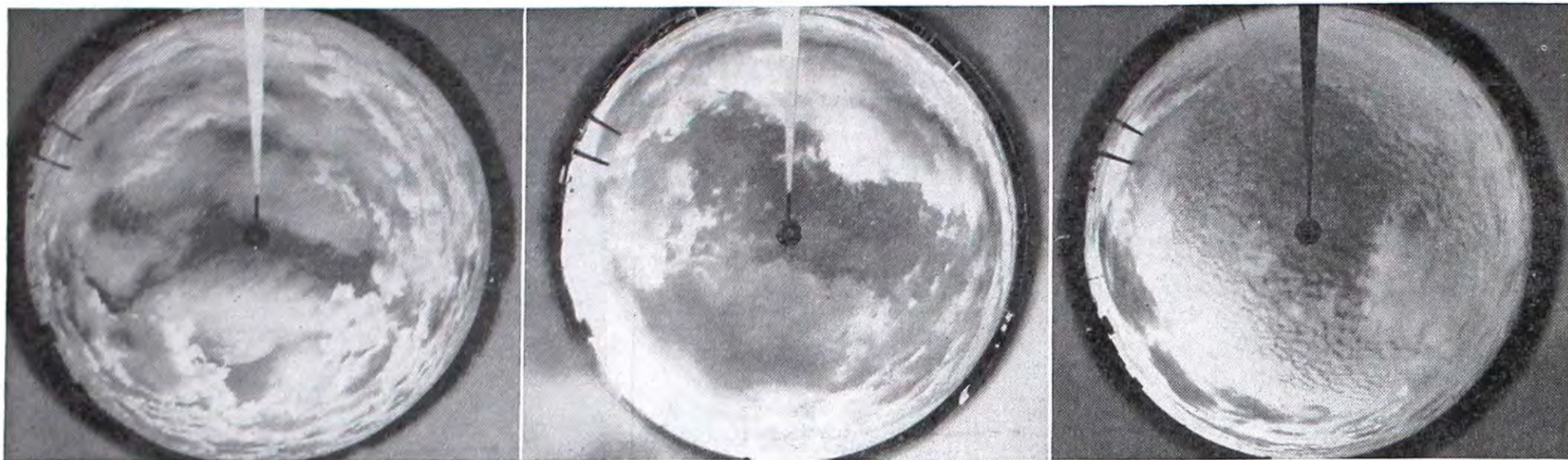


Mary Bentley receives gift presented by Floyd Hertle on her 15th anniversary with Kodak.



Camiel Daunrens got a ride in the Yard Dept.'s wheelchair when he joined the Crutch Club recently. At the controls is Tom Glen and Daunrens' chapeau is by Jean Dubay.

will be married July 3. Josephine Ledico and Joan Raymond were in charge of arrangements. . . . Louise Jupenz of the Hollywood Proc. Station, formerly of the Glass Plant at Hawk-Eye and the Cine-Kodak Processing Dept. at Kodak Park, recently visited Rochester to attend the wedding of her sister, Martha, formerly of Bldg. 12, and her graduation from Syracuse University June 14. Ruth MacRae, Bldg. 28, will accompany Louise on her return trip to the West Coast by motor, making the trip back to Rochester by plane.



**Sky Looks**— Here's what the Cine-Kodak Special Camera (see Page 1) sees when pointed at the overhead mirror, catching reflection of the sky in the silver ball. This picture, at left, made with a still camera

to get a larger negative, shows the sun in mid-morning sky—bright spot at lower right. The center picture shows dark rain cloud directly overhead. Notice reflection of camera lens mount in mirror (dark object in center of

picture). Kodak Park chimneys are at upper left horizon. At right the clouds at two levels can be seen in the photo showing the sun fading in the western sky. Motion pictures taken at KP emphasize varying speed of clouds.

## Kodak Home Movies Mark 25th Anniversary Next Week

(Continued from Page 1)

films—negative and positive—previously required in motion picture production.

In addition to the new film, Mr. Eastman insisted that the program include a camera and projector built to precision requirements so that high quality results would be assured. He further directed that the new film then under development be of a noninflammable type. This was to protect the amateur movie maker from the hazard of fire always present with the nitrate base professional motion picture film of that day.

Despite long delays resulting from Kodak's participation in the first World War, all developmental work was completed by late 1922. The first announcement and demonstration of the new Cine-Kodak outfit and the first 16mm. black-and-white "reversal" film were made by Dr. C. E. K. Mees, now EK vice-president in charge of research and development, in Rochester on Jan. 8, 1923.

### Reversal Film Introduced

The reversal film—in which the image on the film was reversed from a negative to a positive during development—was the prime factor in making home movies economically practical. Prior to its introduction, amateur movie makers used either the regular 35mm. film, some split from 35mm., or 35mm. with two or more rows of pictures. The film widths were from 35mm. to 9.5mm. Perforations varied in size, shape and location. Another deterrent to amateur movie making was the high cost of film, since it was necessary to use both a taking negative film and a projecting positive film.

In those days the quality of the finished amateur print often was inferior because of poor developing and printing equipment and/or inexperience on the part of the

individual doing the processing. Graininess also was a problem, especially with the smaller negative sizes. Another disadvantage was the use of cellulose nitrate film base which is highly inflammable.

The introduction of Kodak's 16mm. reversal film changed this by providing a safety-based, fine-grained film and standardized processing service which made amateur movie making practical for all.

At the time of the development of 16mm. reversal film it was estimated that the cost of 35mm. professional film was \$7.50 per minute of projection. The new reversal film cost the amateur only about \$1.50 per minute. Today, despite tremendously increased production costs and those entailed in producing vastly improved and technically superior films, the cost to the amateur for 16mm. black-and-white movies is well below that figure.

The vast majority of today's amateur movies are made in full color with Kodachrome Film. Kodak introduced the first film for amateur motion pictures in color in 1928 with the Kodacolor process. It was announced at a special party at Mr. Eastman's house before internationally famous guests, including Thomas A. Edison, General Pershing, Hiram Percy Maxim, Sir James Irvine, Roy Howard and Adolph Ochs. The process used a special black-and-white film with countless tiny lenses embossed on its surface. In addition, it employed special three-color filters on both the camera and projector to produce color pictures on the screen.

Kodacolor motion picture film was supplanted in 1935 by the present-day Kodachrome Film. Reversal methods and dyes in the emulsion resulted in a full-color film which was much easier for the amateur photographer to use.

Other contributions made by Kodak to the 8mm. and 16mm. motion picture field include: In 1931 the first 16mm. sound and magazine films for use with equipment designed by other manufacturers; in 1932 the first 8mm. films and camera (which cut amateur film costs by more than half and brought amateur movie making within the reach of additional thousands) and the first extremely high speed motion picture camera; in 1940 the first 8mm. magazine films and magazine camera, and in 1948 the first 16mm. camera designed specifically for television recording purposes to be placed on the market.

**Kodakwiz**

ANSWER

(Question on Page 2)

This is a step in the Kodak Dye Transfer Process of making color prints from a transparency.

## EK Scientists Take Movies By Reflection

(Continued from Page 1)

the changes in light intensity and the amount of light under different conditions of clear sky, cloud or haze, of hour of the day, and season of the year. The data is applied toward helping photographers, through use in making better exposure calculating devices and exposure tables.

Atop one laboratory building, they have a Cine-Kodak Special Camera pointing at an angle toward the sky. The camera is focused on a mirror which is inverted a few feet above a shiny, silver-coated glass ball. This ball reflects the whole sky, so that the camera sees the entire sky.

### Has Several Speeds

The camera operates by motor at any of several desired speeds. The time lapse is so controlled that the scientists get pictures of the sky either once a minute or several times a minute. Twenty-four feet of film can make a one-minute movie, in high speed action, of all that happens in the sky through a 16-hour day.

The pictures are correlated with a permanent record of all the changes in light intensity, taken by another instrument. Thus Condit and Jones can tell accurately just how much light there is with a clear sky or cloudy sky at twilight or high noon, in periods of haze, or in any other situation.

Movies made in this way also may have value in weather studies and other fields where the total amount of light is important. Aside from that, they give a beautiful and striking picture of the continuous and bizarre motions in the sea of atmosphere above the earth.

## Llerena, Brasileira Manager, Boasts Long Service Record

The day Eduardo Llerena joined Kodak, the Company declared a holiday. Now, 30 years later, he is manager of Kodak Brasileira and has a longer service record than any other member of Kodak's Latin-American subsidiaries.

Recently he was in Rochester for his first visit since 1936.

The holiday, incidentally, was the first Armistice Day, Nov. 11, 1918, when World War I ended!

Llerena remained with Kodak Rochester until June 1920 when he went to Rio to prepare for the October opening of Kodak Brasileira, second oldest subsidiary in Latin America. He became manager in 1927.

Interest in photography has grown by leaps and bounds in colorful Brazil, he added, and Kodak Brasileira now has three wholesale branches besides the main office in Rio de Janeiro.

His son, Eduardo Jr., who was at KO year before last, is now associated with Kodak Panama.



**That's Changed**— Eduardo Llerena, right, manager of Kodak Brasileira, points out changes he's noticed in Rochester since his last visit here in 1939. With him on the balcony of the Kodak Tower is Armin Baltzer of KO's Export Dept.

## 'Sun' Shines Every Day

(Continued from Page 1)

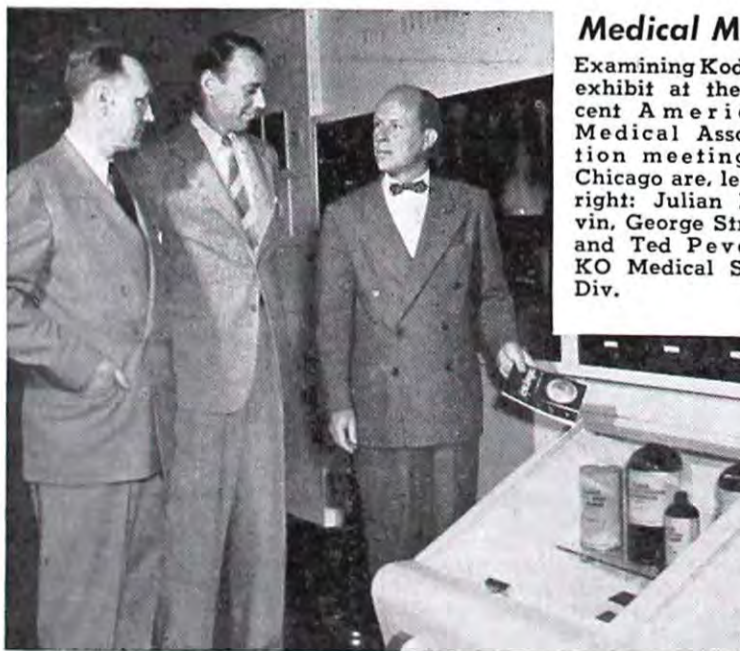
sufficient to shatter ordinary glass. So the spiral tube is made of quartz and the flashtube is enclosed in a heavy glass envelope for further protection.

Purpose of acquisition of the Sun Flash by the Professional Sales Studio is for use in assisting professional photographers in solving problems of lighting that may arise.

The electronic flashtube in the Sun Flash is an outgrowth of developments by Dr. Edgerton for night fliers in wartime.

### Medical Meet

Examining Kodak's exhibit at the recent American Medical Association meeting in Chicago are, left to right: Julian Parvin, George Struck and Ted Pevear, KO Medical Sales Div.



## Folsom Talks On Network 'Town Meeting'

Marion B. Folsom, Company treasurer, appeared on "America's Town Meeting of the Air," broadcast coast to coast over ABC on June 22.

Subject of the forum was "Are You Preparing to Grow Old Successfully?", and other members of the panel were Senator Claude Pepper, Dr. Daniel A. Poling and Eugene J. Kenney, each with definite opinions on old age security.

### Cites Kodak's Plan

Folsom told of the spread of pension plans among business concerns, especially since the Social Security Act was passed in 1940, until today some 7000 companies have plans covering about 10 million men and women. He cited Kodak's plan, established in 1928.

Despite heavy costs involved, pension plans are adopted, Folsom explained, "because a force of able, long-service, loyal employees is a concern's greatest asset and a pension plan is an important factor in maintaining such a force."

Company plans combine with Social Security to give a good base for retirement income, but, he pointed out, it is very important for the individual to accumulate savings during his working lifetime to provide additional income.

Folsom advocated that the present Federal Old Age Insurance Plan be improved and extended to all employed persons.

## Wood Gets Dayton Post

Newly-appointed representative of Kodak's Govt. Sales Div. at Wright-Patterson Air Force Base at Dayton, Ohio, is Albert A. Wood.



A. A. Wood

With procurement of photographic materials for all the armed services consolidated under direction of the Air Force, Dayton is becoming an increasingly important photographic center. The Govt. Sales Div. felt that a representative in Dayton would be of mutual benefit to the Force and the Company.

# Joe Goop Goes on a Picnic

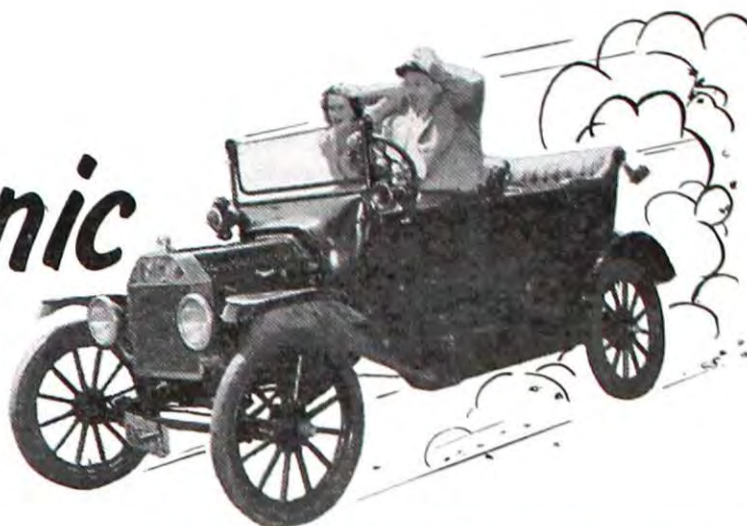


**Start from Scratch**—What pretty green stuff! Joe is quite taken with it, and Mrs. G. shares his sentiments. They'll share a nice case of poison ivy, too! There's nothing like getting back to nature, only in this case the nature of poison ivy will get back at the Goops.

**JOE GOOP** and his missus sure do like a good time. Every year they plan one good picnic (one, the way they do it, is plenty)—and really go all out for fun.

First thing, of course, they drag out the old car, which will surely be good for one more trip (unless a wheel falls off). Then Mrs. G. packs a big lunch and away they go (at 60 miles an hour.)

So we're off on a picnic — and we do mean off.



**Aw, Leave It Lay**—“After all, we pay taxes!” says Mrs. Goop. Joe figures somebody will pick up the trash sometime anyhow, and in the meantime it makes the place look lived in, you know? Of course, the Goops had to walk miles to find this bit of woodsy beauty in which to picnic; other would-be picnickers will just have to walk farther!



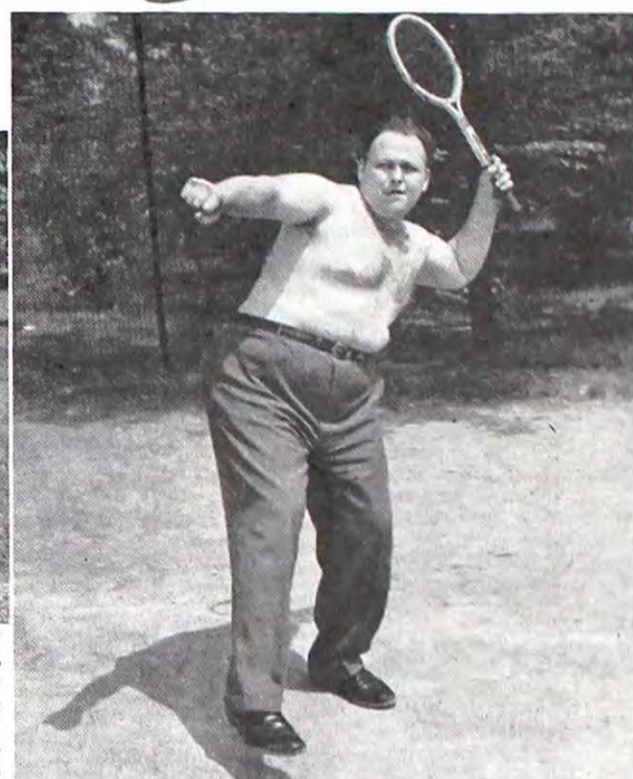
**The Water's Fine**—And Joe is plenty full of food, so he's ready for a nice cold swim to work off that stuffed feeling. Don't worry, fella, if you begin to feel cramps—you can drown only once. Once is enough for most people, anyway.

## Don't Be a Goop!

Although holiday dangers are treated in a light vein on this page, don't be fooled—they can be plenty serious.

Fun is fine, and the more the better—as long as there is no danger involved.

If you don't recognize poison ivy, get yourself informed or stay clear of possible danger . . . Take strenuous exercise only if you're fit and accustomed to it . . . Sunshine is wonderful for you—if you don't overdo it. Remember to expose yourself for only a short time at first, so you'll tan gradually. Sunstroke can be very tough . . . Everybody (except the Goops) is familiar with the basic rules of safety in the water: Don't swim until at least an hour after eating; remember that boats are not constructed for clowning purposes—they tip easily . . . Lastly, drive carefully, for holiday traffic is no joke.



**Sock It, Joe**—A few sets of tennis are just the thing. Joe feels, to limber up those old muscles which haven't had to do more than hold him together since last summer. Lots of unusual exercise will sure put him in fine shape—for the hospital.



**Beautiful Sunshine**—The nice hot rays of the sun sure feel good, find Mr. and Mrs. G. Golly, when you haven't been out in the sun in months you sure appreciate this chance to bask for a couple of hours. (Let's hope the corner drugstore will have a big supply of sunburn lotion on hand.)



**Joe, Be Careful!**—“Fun is fun,” says Mrs. Goop, “and you can be a gondolier if you want to, Joe. Only if this boat tips over don't expect me to rescue you. And believe me, next time I'll pick a husband who'll know better than to stand up in a boat!”



**Some Picnic**—Time: Next day. Characters: Joe Goop and a sympathetic nurse. Condition of patient: Poor. Seems he's suffering from shock, extreme sunburn, headaches, sore muscles, poison ivy, and acute indigestion. He also caught cold, his heart is pumping much too fast and his disposition in unprintable. No, sir, there's nothing like a good picnic once a year!

## Doctor Says

## Good Posture, Beauty Go Together

The woman who stands erect has a more attractive appearance than one who slumps, maintains Dr. W. A. Sawyer of KO Medical. Better than new clothes is a correct posture, which can give a

newer look. Rouge may do the trick of adding color to the cheeks, but for a natural glow, try good posture, he states. It maintains circulation of the blood at its best.

In fact, all bodily organs work better when you stand erect than when you slouch, he emphasized. Round shoulders, slumped sitting position or relaxed abdominal muscles will not permit proper ventilation of the lungs, proper function of the intestinal tract. The result is easy fatigue, diminished efficiency and an unattractive appearance.

What better time of year for posture practice than now, after the shedding of heavy winter clothes? Feeling fine in springtime? It is recommended that you look fine too. Whatever your build, you instantly improve your looks when you improve your posture. Take a side-view check of yourself in the

mirror. Take another test by straightening yourself against a flat wall or door. See drawing.

Imagine pulling both ears up and back. This maneuver is without hands. It produces a most pleasant posture effect by helping to throw the body into line and no one is the wiser that ears are being tugged upon.

## Relax by Stretching

Stretch often. Stretching relaxes and tones the muscles at the same time. Yes, it helps straighten the back too. "Stretching is one of the best things you can do," Dr. Sawyer said.

Two birds are killed with one stone when reducing exercises are taken. Exercise hastens poundage



loss and indeed is a posture builder, the doctor explained.

If you're hip-conscious, try this old and effective exercise, as follows (remember, it helps posture too):

1. Lie flat on back, knees bent, heels near buttocks.
2. Keeping knees together, drop legs to floor at right.
3. Return to position and drop legs to floor at left. Alternating sides, do this exercise hard and fast 50 times.

## Try This Exercise

Here's an exercise specifically designed for posture. Do it every evening before retiring.

1. Stand, back to wall, knees bent and apart, feet six inches from wall.
2. Slide arms up as high as you can, keeping them against wall. Be sure spine is glued to wall and stretch body up as tall as possible.

With posture practice, just see if your friends don't remark on how well you look!

## H-E Receptionist Realized Stage Ambition of Childhood

The youngster sat on the edge of her theater seat, feet dangling midway to the floor, and eagerly watched the impersonations of an actress on the stage. At her mother's request, she edged herself back into the seat, but still took in the performance with wide-eyed admiration.

It was then as a child that Vera Virkus, now main desk receptionist at Hawk-Eye, subconsciously made up her mind to become an impersonator . . . and this she did. She later became a play director.

## Impersonated Young and Old

While in school, she performed for her fellow students and upon graduation attended dramatic schools. She became proficient in impersonating a multitude of character types from the very young to the very old. Her favorites were the personalities in the Joseph Lincoln stories and those in Austin Strong's play, "Three Wise Fools." With faithful interpretation, she enacted each part.

Vera became so adept that she joined a theatrical booking bureau, which slated performances in hundreds of small towns in the New England States, Ohio and Pennsylvania. She sometimes provided intermission entertainment for plays that were being presented; other times, she was the main attraction.

## Stayed with Theater

Vera stayed with the booking bureau four years, then decided to settle down in native Rochester. She continued her enthusiasm for the thespian world and became director of a theatrical group of a large local church for 14 years. At the same time, she conducted oth-



Vera Virkus

er church dramatic clubs and gave private elocution lessons as well.

It indeed kept her busy, but she found time periodically to take brush-up courses in dramatics. In 1938 she attended summer dramatic classes at Harvard University.

Now, in her spare time, she enjoys gardening and helps to take care of a fish pool in the back yard of the Virkus home.

When the former impersonator revealed that she has a bird for a pet, she was asked:

"Do you imitate its warbling?"

"No. You see, the bird is an Australian Budgerigar, a member of the parrot family—he imitates me!"

## Snared . . . Paired . . . Heired

## Engagements

## KODAK PARK

Janet Dinse, Kodacolor, to Ronald Johnson, Color Control, . . . Gloria Moore, Inventory Control, to John Doud, . . . Mary Amico, N.C.P. Dept., to Nick Vecchio, . . . Patricia Ann Troy, Bldg. 48 Gen'l, to John A. Marzell, . . . Pauline Henry, Box, to Raymond Lundgren, . . . Joyce Hinkelman, X-ray Sheet Film, to William Buckley, Plate, Bldg. 30.

## CAMERA WORKS

Betty Jane Stark, Dept. 75, to Charles Borden, . . . Marjorie Fischer, Dept. 95, to Owen Roth, Dept. 78.

## HAWK-EYE

Betty Beach, Dept. 23-55, to Coart Kinslow, Dept. 37.

## KODAK OFFICE

Jane Lovell, Roch. Br. Billing, to Kenneth Doyle.

## Marriages

## KODAK PARK

Pat Garety, Time Office, to Charles Jacobs, . . . Arvilla Vosler, Time Office, to W. H. Credit, . . . Mildred Lambert, Time Office, to William Behnk, . . . Rita Bovenzi, Roll Film Pkg., to Anthony J. Celentani, . . . Louise Blamire, Res. Lab., to W. Frank Fowler, Res. Lab., . . . Lorraine Redder, Bldg. 6, to John F.

Kennedy, F. E. Coating, . . . Amella Pennelli to Salvatore N. Martini, Bldg. 204, Warehouse, . . . Etta Northup, Testing, to James VanHouten, Cut Sheet, . . . Agnes Reeners, Powder and Solution, to Clarence Arthmann, Film Spooling, . . . Eleanor Sadowski, Cine-Kodak Proc., to Stanley Sweeting, . . . M. Rose Marafioti, Cine-Kodak Proc., to Peter Latragna, . . . Margaret Gurgel, X-ray Sheet Film, to Raymond Nersinger, E&M, . . . Dorothy Herman, F. E. Coating, to Lyell Blossom.

## CAMERA WORKS

Mary Gardner, Bldg. J, to Joseph Wood, Dept. 5, Bldg. J, . . . Mildred Fisher to Ray Bow, Dept. 7, . . . Dorothy Schraml, Dept. 32, to Eugene Traubold, Dept. 11, . . . Bernice Mehserle, Dept. 78, to Albert Hayes, . . . Doris Kaper, Dept. 32, to Theron Kunzer, . . . Eleanor Frederick, Dept. 63, to Allen Zinter, . . . Mary Palumbo, Dept. 83, NOD, to Stephen Syracuse, . . . Vera Keene, Dept. 83, NOD, to Shanley Marchese, . . . Marie VanScooter, Dept. 83, NOD, to Gordon Bach, . . . Theresa Montebella, Dept. 26, to Leonard Miraglia, . . . Ann Sarkis, Dept. 32, to George Otto, . . . Dorothy Walsh, Dept. 98, to Jack Bieter, . . . Lucy Papagni, Dept. 14, Bldg. J, to Alfred Joseph, . . . Ann Tracyk to Peter Paruta, Dept. 3, . . . Rosalie Piazza, Dept. 87, NOD, to Alvin Wolff, . . . Edna Heath, Dept. 94, NOD, to Gustave Weiss.

## HAWK-EYE

Claire Donnelly, Dept. 26, to Royal Little, . . . Eileen Tuite, Dept. 44, to Ollie Helms, Dept. 44.

## KODAK OFFICE

Jane Stubbe, Tabulating, to Robert Hoock, . . . Lois Cook, Adv., to Bob Parmele, . . . Margaret O'Connor, Roch. Br. Stock, to Richard Youngman, Circulation Print Shop, . . . Marguerite Frederick, Traffic, to Charles Keown, KP, . . . Agnes Brown, Sales, to Witt Thomas, KP, . . . Betty DeWitt, Savings and Loan, to Jim Wilson, KP.

## Births

## KODAK PARK

Mr. and Mrs. Richard W. Albright, daughter, . . . Mr. and Mrs. George Burgess, son, . . . Mr. and Mrs. Robert Coene, son, . . . Mr. and Mrs. John P. Culhane, son, . . . Mr. and Mrs. Edward Heagney, son, . . . Mr. and Mrs. David Comstock, daughter, . . . Mr. and Mrs. Gordon Wellert, daughter, . . . Mr. and Mrs. Carter Livermore, son, . . . Mr. and Mrs. Howard Hendee, son, . . . Mr. and Mrs. Gordon Puffer, daughter, . . . Mr. and Mrs. George Stewart, daughter, . . . Mr. and Mrs. P. Tuttle, son.

## CAMERA WORKS

Mr. and Mrs. Frank Vahl, daughter, . . . Mr. and Mrs. Richard Schraeder, son, . . . Mr. and Mrs. Larry Walsh, son, . . . Mr. and Mrs. Al Fishbaugh, son, . . . Mr. and Mrs. Edward Spencer, son.

## HAWK-EYE

Mr. and Mrs. Ross Crombe, son.

DAFFYNITION: Committee—A group that keeps minutes but wastes hours.



**Cool, Clear Water** — It was a warm day and blond, curly-headed Linda Williams, three-year-old daughter of Fred Williams, KP Printing Dept., decided she'd quench her thirst. Politely waiting his turn at the fountain is four-year-old Doug Kelley, son of F. Burnette Kelley, H-E Ind. Rel. Dept. The playmates model clothes from McCurdy's. Dapper Doug wears tomato red overalls, which have a matching jacket, while little Linda is clothed in a pique sunback with midriff.

## Lay It Flat When Carving Standing Rib

In buying a standing rib of beef, have backbone cut from the ribs. Use a large flat platter, placing the largest flat surface down, ribs at carver's left, with ends of ribs toward carver.

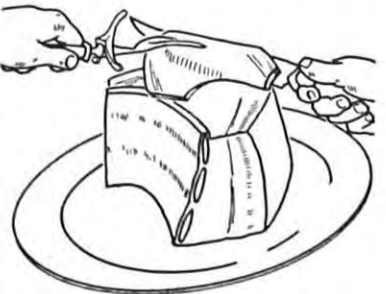
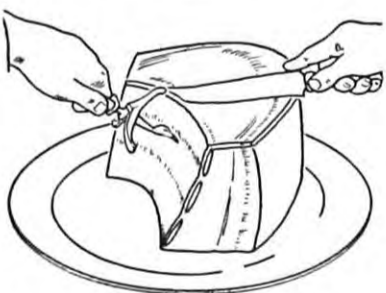
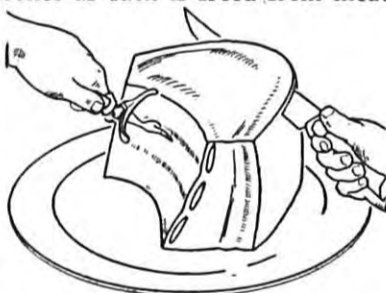
Insert carving fork, tines pointing down, beneath the top rib.

Slice across the top from right to left, making a one-fourth-inch slice (first illustration).

Release each slice by cutting close along the rib with the knife tip (second illustration).

If necessary, use the fork with the knife in removing the slices to the platter (third illustration).

Continue slicing, removing rib bones as each is freed from meat.



## Garden Gab



## TREES-SHRUBS-GRASS

The hot months of July and August bring with them special care of outdoor growth. For example, all evergreens, shrubbery and small lawn specimen trees should be mulched with one of three things—grass clipping, straw or peat moss. This prevents the dirt around the base of the plant or tree from drying out.

This is also the time to set the lawn mower to cut not less than 1 3/4 inches. Water the lawn thoroughly after sundown at least once in every seven days if there has been no rainfall within that period of time. Be sure shrubs and flowers are watered after the sun goes down too. When water comes in contact with the foliage while the sun is shining, leaves will burn.

## NEW HEDGES

If a new hedge has been planted this year, the earth around it should be disturbed, so that it will not crust over the top. Water at least once a week and fertilize every other week with 5-10-5, two pounds to a 100-foot row. Cut back any branches that are growing straight up, so that the plant will send out shoots at the base to later form a dense hedge.

## ROSE BUSH CUTTINGS

To start new rose bushes from green wood cuttings, the following method has proved satisfactory:

Prepare a bed with one-third peat moss, one-third sand and one-third loam, preferably in a shaded area. Take a cutting about four inches long from a rose bush, snipping it just below the last of at least three side shoots with foliage. Remove the side shoot nearest the bottom of the cutting and plant cutting in the soil so that the dirt reaches one inch above the point where the bottom side shoot was removed.

Cover with a glass jar and keep the soil moist until fall. Do not remove the jar at any time. In November, mulch around the base of the jar with straw or leaves. In the spring, remove the leaves. Do not remove the jar from the shoot until the first week in June next year.

## The Market Place

KODAKERY ads are accepted on a first-come, first-served basis. Department correspondents in each Kodak Division are supplied with ad blanks which, when your ad is typed or printed on them in 25 words or less, are put in the Company mail addressed to "KODAKERY," or handed in to your plant editor. All ads should be received by KODAKERY before 10 a.m., Tuesday, of the week preceding issue. HOME PHONE NUMBERS OR ADDRESSES MUST BE USED IN ADS. KODAKERY reserves the right to refuse ads and limit the number of words used. Suggested types are: FOR SALE, FOR RENT, WANTED, WANTED TO RENT, LOST AND FOUND, SWAPS. KODAKERY READERS ARE ASKED TO PLACE ADS ONLY FOR THEMSELVES AND HOUSEHOLD—NOT FOR FRIENDS OR RELATIVES. TO DO THIS IS TO DENY SPACE TO THE PEOPLE OF KODAK FOR WHOM THIS SPACE IS RESERVED.

### AUTOMOBILES FOR SALE

Chevrolet, 1939 Town Sedan, motor overhauled last March. 420 Clay Ave., Glen. 1987-R.

Chevrolet, 1941 De Luxe Tudor, first \$995 takes it. Ed Dougherty, 141 Driving Park Ave., evenings.

Chevrolet, 1935 truck, 1½ ton. 126 Ridgeway, Glen. 0917.

Dodge, 1937 sedan, 29 Nelson St. between 9 a.m.-3 p.m.

Ford, 1935 tudor, \$125. Cul. 0349-W.

Ford, 1935 4-door sedan, heater. 22 Sycamore St.

Ford, 1936 coupe, new battery, \$200. Gen. 4181-J after 5:30 p.m.

Ford, 1937, St. 0479.

Ford, 1937 Tudor, 85 h.p., 50 Warrenton St., Cul. 0757-R.

Ford, 1938 coach, \$550. Char. 2799-M.

Ford, 1938 coupe, \$325. Cul. 6208-J Saturday or Sunday mornings.

Ford Truck, Model A, ton and half, 232 St. Joseph St., off Seneca Park Avenue.

Hudson, 1937, radio, heater, \$250. 112 Sterling St.

Oldsmobile, 1935 coach. 619 Glenwood Ave.

Oldsmobile, 1938, \$500. 165 Campbell St., Gen. 3399-R after 6 p.m.

Oldsmobile, 1940, Series 90, 8-cylinder, radio, heater, defroster. 22 Sycamore St.

Packard, 1937 4-door sedan, \$550. John Blind, Ontario 3621.

Pontiac, 1940 sedan. 816 Garson Ave., Cul. 4097-M.

Studebaker, 1936 President, 4-door sedan. 132 Stutson St.

Studebaker, 1947 land cruiser sedan. 311 Sherman St. after 5 p.m.

Terraplane, 1935 sedan, reconditioned motor. 540 Clay Ave.

### FOR SALE

AIR RIFLE—Crosman 22. Also 5-tube Chevrolet radio, 1941 model. 69 Orchard St., N. Chili.

ALTO SAX—Buescher, silver. Also gold tenor sax. Cul. 3807-W.

BABY CARRIAGE—And bathinette, \$9. St. 4252-X.

BABY CARRIAGE — \$15. 20 Pickford Dr., Hill. 1194-W.

BABY CARRIAGE—Folding type, \$7. Hill. 1792-W.

BABY CRIB — Maple, \$8. Also high chair, \$5; 2 window screens 3'x4'x6", one 2'x3'x10"; 2 stained doors, 1'11"x6'6", one door 2'x6'8", all for \$10. Glen. 2060-M.

BABY SITTING—By young refined woman. Glen. 1361-M.

BANJO—And case. 5687 W. Ridge Rd.

BASEBALL MITT — Trapper model, first baseman. Mon. 0655 after 4 p.m.

BED—Metal, ¾-size and springs. Also one 7-quart pressure cooker and one fireless cooker. 1305 Stanton Lane, off E. Ridge Rd.

BEDROOM SUITE — Seven-piece, \$86. Main 5916-J after 6 p.m.

BED ROOM SUITE — Walnut, box springs. Gen. 1759-M.

BEDROOM SUITE—With chest on chest of drawers and wall mirror to match. Cul. 1392-W after 6 p.m.

BENDIX—De luxe model, \$150. Char. 2651.

BICYCLE—Boy's 26", Rollfast, \$15. Mon. 3810-W.

BICYCLE—Boy's 26", \$18. Also combination stove, \$25; bathroom sink, \$5. Char. 0458-M.

BICYCLE — Girl's 28", red Columbia with all accessories, including wire basket, like new, reasonable. Gen. 4721-J.

BICYCLE—Girl's, fully equipped. Also Philco recorder. 1174 Atlantic Ave., side door.

BICYCLE — Girl's Roadmaster. St. 1601-X. after 6 p.m.

BICYCLE—Girl's Roll-Fast 26", light-weight, \$25. Also man's Western Flyer 26", light weight, \$20; man's Elgin 26" with balloon tires, \$20. 165 Christian Ave.

BICYCLES — Man's and lady's light-weight, with baskets, \$25 each. Char. 1747-J.

BOAT — Mahogany runabout, double cockpit, 6 ft. deck. Glen. 5601-R.

BOY SCOUT HAVERSACK—And other articles. Mon. 3810-W.

BRIDESMAID'S HATS—Two, one pink, one yellow. 80 Adams St., day or evening.

CABIN CRUISER — 26-foot, sleeps 2, fully equipped, \$800. 380 River Heights.

CAMERA—Leica 1000 sec. f/2. Summar lens. Reflex viewfinder. Glen. 6579-W, between 6-7 p.m.

CAMERA—Zeiss-Ikon, 4.5 lens, 1/250 speed, \$10. 221 Avis St.

CAMPING OUTFIT—Trailer tent, combination with 2 double-spring beds. Also canopy extension. Cul. 4400 after 6 p.m.

CHILD'S AUTO—Foot pedal operated, fire engine model, for child 3 to 7. Cul. 4784-R.

### FOR SALE

CHILD CARE—High school girl will care for children, prefer 10th Ward residents. Glen. 5227-R.

COAT—Girl's plaid winter, size 20, \$10. Also lady's black high-heel pumps, 2 pairs, size 5-B. Mon. 4726-M.

COCKTAIL DRESS—Black crepe, sequin blouse, side drape skirt, \$10, size 12. Also metal bed, walnut finish. Gen. 2332-J.

CREAM SEPARATOR—Power type. 448 Parma Rd., Hillton, after 4 p.m.

CURTAINS—Three pairs, plain cream color, celanese material, 1¾ yd. long, laundered, \$5. Gen. 4395-W.

DAVENPORT SUITE—Two pieces. 230 Conrad Dr.

DINING ROOM SUITE—Eight pieces. Also occasional chair. Gen. 2998-W.

DINING ROOM SUITE—Modern walnut fruitwood, 9 pieces, plus table pads and drapes, \$100. Char. 1201-R.

DINING ROOM SUITE — Nine-piece walnut. St. 4328-R.

DINING ROOM SUITE—Seven pieces, \$25. 166 Lark St., Glen. 5802-W.

DINING ROOM SUITE — Seven-piece maple, waterfall pattern, \$65. Also bridesmaid gown and hat to match, Nile green, size 12. Mon. 1617-W.

DINING TABLE—Buffet and 4 chairs. Also cabinet radio, Atwater Kent, and Kalamazoo bake-easy combination range. St. 5521-R.

DOG OUTFIT—Complete with large wicker basket, blankets, harness, 2 collars, sweater. Glen. 5601-R.

DRESSES — Five summer, 1 summer suit, 2 winter dresses, all dry-cleaned, size 10-12. Mon. 9372.

DRESSES—Girl's, size 10 to 12. Gen. 4517-J after 5:30 p.m.

DROPLEAF TABLE—Curly maple, 48" long, 22" center, leaves 14½", clover corners. Also rag rug, 9x15, \$20; milk glass compote, \$3.50; pair pine chairs, \$15. 302 Stone Rd.

ELECTRIC RAZOR — Remington dual head. Mon. 1591-R.

ENLARGER—35mm. Glen. 1027-W.

FLASHGUN — Kalart and 2 reflectors (miniature). Also icebox, 50 lbs., apartment-size washing machine; 2 children's tricycles, one 22" and one 16", 10 Cross St., upstairs, after 6 p.m.

FOLDING COTS—Two all-steel spring, complete, ideal for camp or cottage. Char. 2214-R.

FORMAL—Black lace top and aqua net skirt, size 11. Gen. 5112-W.

FORMAL—Yellow, size 18, suitable for wedding or graduation. Char. 1021-J.

FORMALS—Yellow marquisette, suitable for bridesmaid gowns, sizes 12 and 16. Glen. 1706-M.

FORMALS—Two, one blue lace, one black and red semi-formal, size 14, both for \$5. Also 10 prs. crisscross white dotted chenille curtains, \$5. St. 3463-J.

FRIGIDAIRE—St. 1315-X.

FUR COLLAR — Red fox, \$12. Also pieces of black skunk, suitable for coat or suit trimming, \$10. 215 Flower City Park, evenings.

FURNITURE—From entire house. Cul. 7109-R.

FURNITURE—Used. Main 2866-R.

GOLF BALLS—All the top makes, various prices. Glen. 2527-M.

GOLF BAG—Leather. Hill. 2235-W.

GOLF CLUBS—Man's left-handed, 5 irons, 2 woods, steel shafts. Mon. 9372 or Mon. 3252-J.

GOWN—White marquisette, size 12. St. 4137-R.

GOWNS—One white marquisette and lace, size 11, one green taffeta, size 12. Mon. 8392-W.

GUITAR—Encore, \$12. Glen. 5747-R.

HIGGINS TRAILER — Camp trailer, complete, \$500. 2800 Manitou Rd.

HORSE—Western-broken, 5 years old, very spirited. Char. 2605-R after 6 p.m.

HORSESHOES—One set. Glen. 3474-J, 335 Ridgedale Circle.

HOT-WATER HEATER — Thirty-gal. Also gas heater, Bucket-A-Day, and patented ash sifter. Glen. 3923-R.

HOT-WATER TANK—Thirty-gal. with attached side-arm gas heater, \$5. Also 9x12 rug pad, \$4; baby's Shoo-Fly rocker, \$4. 165 Christian Ave.

HOUSEHOLD ARTICLES—Porch glider chair, \$10; gas stove, \$15; electric room heater, \$8; Japanese lamp; high chair; pressure cooker and canner, \$10. 75 Magee Ave.

HOUSEHOLD ARTICLES — Hollywood spring; hall seat and cutglass mirror; oak dresser; mahogany table 32" square, suitable for small quarters for card playing or serving. Glen. 1197-R.

HOUSEHOLD ARTICLES—Pool table ¾ size; bird cage and standard; bridge lamp; fernery; serving table, golden oak large drawer with upper and lower shelf; serving tray; umbrella stand, metal. Also 3 prs. men's brown shoes, size 10 and 10½; 1 pair man's black shoes, size 8½; 2 pair men's black shoes, sizes 10 and 10½. Glen. 4687-W.

### FOR SALE

HOUSEHOLD ARTICLES — Forced to move, all kinds for sale. Glen. 0479-J.

HOUSE TRAILER—Travelo, 22 ft. 259 Electric Ave., Glen. 5306-R.

ICEBOX — Fifty-lb. Also two 20"x48" and three 14"x48" kitchen cabinet doors. Char. 1072-J.

ICEBOX—Glen. 2561-M.

ICEBOX—Iceland air-conditioned, 100-lb. capacity, \$10. 57 Burben Way.

ICEBOX—Leonard, porcelain lined, 75-lb. capacity. Glen. 6310-W.

ICEBOX — Porcelain top-icer, 2-door, 100-lb. capacity, \$14. Cul. 4584-R.

ICEBOX—Top-icer, 100 lbs., \$40. Mon. 0345-R, after 6 p.m.

KITCHEN CABINET—White with glass door. Main 1240-M between 9 a.m. and 1 p.m.

LAWN MOWER — Five-blade, recently overhauled. Glen. 2892-W.

LIBRARY TABLE — Solid mahogany, 60"x20". Also new folding army cot and household pieces. 195 Denise Rd.

LIVING ROOM FURNISHINGS — Including 3-piece tapestry covered Chipendale. St. 3949-R after 5 p.m.

MATERNITY DRESS—Black silk, size 14, \$8. Char. 0979-R.

MOTOR BIKE — 1947 Whizzer. Char. 2304-W.

MOTOR BIKE — Whizzer, \$140. Mon. 7903-W.

MOTOR—Johnson, 4-3/10 h.p. St. 0505-L.

OIL HEATER—Large size, pot type. Char. 3192-M.

OUTBOARD MOTOR—Light twin Evinrude. 73 Mitchell St., between 5-7 p.m.

OUTBOARD MOTOR — Johnson Seahorse, 1938 model, 9.9 h.p., \$180. 707 Glide St.

OUTBOARD MOTOR — 2½ h.p., completely overhauled, Elto Handitwin, \$50. Glen. 2030-R.

OUTBOARD MOTOR—1942 Champion, 4 h.p. \$60. 500 Frost Ave., Gen. 7457.

PIANO—Upright, \$50. Cul. 1097-M.

PIANO—Upright, \$50. Will deliver it locally for \$5. Char. 1195-M.

PIANO STOOL—Newly finished mahogany. Char. 1827-R.

POWER SAW—½ h.p. motor. Also garden tools. St. 1400-R.

PRESSURE COOKER — Four-quart Weavere, \$10. Also Mentor and Blue bird African violet plants. Glen. 5350-R.

PROJECTOR — 8mm., model 40. St. 6618-R.

PUPPIES—Cocker Spaniel, black and blond, A.K.C. Reg. 166. Hagar Rd., Greece, Char. 0079-R.

RADIO — Floor model Zenith, Gen. 7099-J after 6 p.m.

RADIO—Truetone, floor model. 368 Driving Park Ave.

RECORD PLAYER — General Electric, single, plays through radio, \$6. Cul. 3895-J.

RECORD PLAYER — Portable electric. 9 Pershing Dr., Apt. 5 after 4 p.m.

REFRIGERATOR — Electrolux, 5½ cu. ft.; side oven stove; G-E flatplate ironer. Cul. 3769-W.

REFRIGERATOR—7¼ cu. ft. Coolerator. Gen. 7195-W.

REFRIGERATOR — Westinghouse 5.8. Glen. 6822-M or at 165 Cabot Rd.

REFRIGERATOR — Servel Electrolux, 5 cu. ft. \$100. Also bedroom set, \$150; living room set, \$50; kitchen set, \$20; stove, \$15; Spindrier washer, \$40. 261 Pullman Ave.

REFRIGERATOR—Servel, 5 cu. ft. Inquire 214 Steko Ave.

REMINGTON RIFLE—Bolt action .22 rifle. Glen. 2097-W after 4 p.m.

RIFLE—218 Bee Winchester Model 65 with J 2.5 Weaver-scope. Also archery set. 46 Campbell St., evenings.

RUG—Maroon, complete with pad, \$50. 218 Dake Ave.

RUG—Rag, tan and white, 8'x10', \$20. Cul. 5135-M.

RUGS—One blue figured 9x12; 1 maroon 9x12; 1 brown figured 8'3"x19'6", 72 Dufferin Dr. or Char. 0539-R, evenings or Sundays.

RUNABOUT—Hackercraft, 27 ft. long, seats 8, 100 h.p. medium speed Kermath motor. Cul. 6440.

ROWBOAT — Flat bottom cedar, no nails. Al Knight, 451 Maplewood Dr.

RUGS—Two 9x12. Also 1 pr. maroon drapes, 9x7'8" and brackets. Call after 9 a.m. 78 Ave. D, Glen. 3762-W.

SCOOTER—Child's, large, \$3. St. 3463-J.

SCREEN SASH—Nine screens, all copper screening, 28"x51". 225 Thorndyke Rd.

SHOES — Lady's sling-back, open-toe Air Step, black patent, size 6B, \$4.50. 187 Goodwill St., Glen. 5058-W.

SHOTGUN — 12-gauge Winchester, six-shot pump with shock pad and case, \$75. 145 Whitman Rd.

SINK — Kitchen, 52" lefthand drain-board, with back and apron, combination faucet and trap, \$5. Mon. 8221-R.

SINK—White porcelain, suitable for cottage, \$6; single bed and springs, \$4. Also kitchen chairs. 82 Florence Ave., Greece.

STANDING GRASS—Two fields free for the cutting, near Buffalo Rd. 133 Glide St.

STOVE—Estate, top oven, 4-burner, \$25. Glen. 3331-R after 5:30 p.m.

STOVE — Side-oven gas range, 1200 Stone Rd.

STROLLER—\$15. 133 Glide St.

SUEDE OXFORDS—Brown, size 6-A, \$3. Also white oxfords, 5½C, \$3; maroon wedges, 5, \$4; genuine alligator, 4½C, \$1. Hill. 3065-J.

SUIT—Man's gray tropical, size 38. Also one tuxedo, size 37. 96 Wyndham Rd.

SUIT—Man's white worsted, double-breasted, size 38. Mon. 5695-R.

### FOR SALE

TABLE—Kitchen, white porcelain top. Also white utility cabinet with shelves, reasonable. Glen. 1707-W after 5:30 p.m.

TENNIS RACQUET—And press, newly restrung, \$6. KP KODAKERY.

TENT—Capacity for two cots, \$10. 139 Grafton St.

TIRE—Firestone, 6.50x15 with tube, mounted on wheel from 1946 Packard with trim ring, \$15. St. 1172-J.

TIRES—Two 6.00x16, good for re-cap. Char. 1827-R.

THIMBLE — Antique solid gold heirloom, \$15. Glen. 5138.

TRUCK—International, ½ ton panel, 1934. Main 6557 after 5:30 p.m.

UNIFORMS — Two Strong Memorial hospital graduate uniforms, size 12, \$5 each. 667 Flower City Park, Glen. 3060-R.

VACUUM CLEANER—Eureka, with attachments. Cul. 3413-W.

VACUUM CLEANER—Royal, upright, complete with hand vacuum cleaner. Also RCA Victor floor model radio, both items, \$40. Glen. 2510-R.

VACUUM CLEANER — Westinghouse, floor model. Also Universal hand vacuum. Mon. 4359-M after 6 p.m.

VIEW CAMERA—4x5, all swings, gray and chrome, triple ext., f/4.5 Anastigmat in Betax shutter, 6 holders, case and tripod. Sell or trade for 9x12 Recomar outfit. Glen. 0636-J.

WASHER—Kenmore, \$20. Also lawnmower, \$8; heavy tool box, 3"x4"x5", \$10. 1040 Bennington Dr.

WASHING MACHINE—Maytag, just reconditioned at factory, \$45. Cul. 0777-R.

WASHING MACHINE—Kenmore. Glen. 5103.

WASHING MACHINE—Apartment size. Also sofa with slipcovers; baby stroller. 12 McEwen Rd., Char. 1576-M.

WASHING MACHINE—Kenmore, \$20. Also breakfast set, porcelain-top table, 2 chairs, black and white, \$10. Char. 1135-J.

WASHING MACHINE — Maytag, 1947 model. Cul. 6978-J or 1856 Norton St.

WASHING MACHINE—Universal. Main 5495-W.

WATCHES—Man's pocket, one Hamilton, one Elgin. Also lady's wristwatch; 3 steel cellar posts, 6'4" and 6'8" with caps and bases. 97 Adams St., Brockport 308-J.

WESTINGHOUSE ROASTER—De luxe model with broiler grid trap, ideal for summer cottage, \$30. Glen. 6007-R after 5 p.m.

WHEEL CHAIR—Light-weight, rubber tired wicker, comfortable and easy to handle, for street or home. Glen. 1561-R.

WRIST WATCH—Lady's 1948 Elgin. Glen. 5777-M.

WRINGER — Washer N-1947 Duchess. St. 4645-L.

### HOUSES FOR SALE

COTTAGE — Three rooms, furnished, boat house, docks 18 boats, on Genesee River at Charlotte. Char. 0490-J.

COTTAGE—Furnished, all city conveniences, 13 miles to city, easily converted into year-around home. 10 Lighthouse Beach, Glen. 5061-R.

COTTAGE—Nine-room, west side Canandaigua Lake. 163 Gorham St., Canandaigua, N.Y.

HOUSE — Boston, every modern improvement, sun room, breakfast nook, 3 large bedrooms, 3-car garage, will sell furnished, moving to California. 1177 Lake Ave.

HOUSE — Durand Eastman section, across from golf course, modern, 4 bedrooms and 3 baths, paneled recreation room overlooks terrace, oil heat, low taxes. Asking \$20,700. St. 6996-X.

HOUSE — Five-room bungalow with 2 partly furnished in attic, attached garage, fireplace, rumpus room with bar and large stone fireplace, shrubbed, fruit and berries, chickenhouse. Lot 166x250, outside stone fireplace. Open every day. 2445 Chili Ave., 13 miles to Kodak Park, \$13,500. Glen. 0792-R.

HOUSE—Seven-room single, immediate possession, 15 minutes walk to Kodak Park, living room with open fireplace, dining room, large kitchen, 4 bedrooms, enclosed sun porch. Only \$1800 down required. Glen. 3521-J.

HOUSE—No. 55 Lake Breeze Park, off Culver, north of Titus Ave., 5 rooms, beautifully landscaped, recreation room, attached garage, macadam drive. Cul. 3106-W for appointment.

### WANTED

AUTOMOBILE—1940 or 1941 Pontiac or Buick Tudor. Char. 1201-R.

BOAT—Outboard, 16' long. Char. 0755-J.

CEMENT MIXER — Used, small. Ontario 2682 (H. Albrecht.)

CHILD'S PLAYPEN—Cul. 2766-J.

CLEANING WOMAN—One day or two mornings a week. 133 Parkdale Terr., Glen. 6152-R.

DOLL CARRIAGE—Large. Glen. 3513.

GARAGE — Vicinity Norton and St. Paul, 1640 St. Paul St., Apt. 6.

JUNGLE JIM—With ladders, swings, ropes, etc. Also Taylor-Tot stroller. Mon. 6631-J.

LANTERN — Gasoline. Also portable radio. Glen. 6279-M.

LAWN MOWER—154 Ridgeway Ave.

RIDE—From Macedon to Kodak Park, or convenient bus connection, starting July 5. Char. 2286-R.

RIDE—From Clifford Ave. and N. Goodman to KO or CW, Mon. thru Fri., 8-5 p.m. Call KO ext. 290.

RIDERS—Or ride, from Lima or Honeoye Falls, to KP and return, hours 8-5, Monday through Friday, Huron Smith, Lima 24.

WOMAN—Preferably from West Side, to clean house ½ or 1 day a week. 142 Post Ave. or Gen. 0147-R, after 6 p.m.

### APARTMENTS WANTED TO RENT

Or flat, 2-3 rooms, in East Rochester, Mon. 4471.

Or flat, unfurnished, 4 to 6 rooms, near Kodak Park by responsible, employed couple. Glen. 1292 after 6 p.m.

Or house, 4-5 rooms, Brighton-Pittsford section, adults in desperate need. Gen. 2347-M.

Or house, for man and wife outside city limits in Spencerport or vicinity by July 1. Working in Bldg. 60, Metal Shop, Leslie Smith, 792 Spencerport Rd., Rochester 11, N.Y.

Or house in vicinity of Honeoye Falls or Rush, N.Y., by July 1. Main 2781-J.

Flat or house, by young working couple. Cul. 2747-R.

One-room, furnished or not, suitable for working mother and 15-month old son, and care of child days till 5 p.m., urgent. St. 1350-X.

Two-3 rooms, furnished or unfurnished, desired by employed couple, Ralph Buck, 111 Argyle St.

Three rooms, suitable for brother and sister. CW KODAKERY 6256-334.

Three-bedroom house or flat by August 1 urgently needed by veteran, wife and 3 children. Glen. 7534-R.

Three rooms with bath, preferably Kodak Park section, working couple desire occupancy about Sept. 1. Gen. 3846-J after 6 p.m. References exchanged.

Three or 4 rooms, unfurnished, or 2 large rooms, with kitchenette and bath, West Side preferred or near Kodak Park. Reasonable. Glen. 5639-J evenings.

Three or 4 rooms, unfurnished for veteran, wife and baby, West Side preferred. Gen. 2014-W evenings.

Four rooms, or 5-room house where children are accepted, urgently needed. Mary C. Quinn, 45 Pullman Ave.

Four-room unfurnished, or flat, by middle-aged couple. Glen. 2765-J.

Four-five rooms unfurnished, urgent. St. 2792-L after 5 p.m.

Four-five rooms, have 1 child, urgently needed. St. 5480-L.

Four-five rooms, or half of double, for family of 4. Glen. 1280.

Five-six rooms, flat or house. Gen. 1279-J.

Five-6 room single, in or close to City, will take excellent care of property, urgently needed, references upon request. Webster 268-F-13, reverse charges. Urgently needed, kitchenette, bedroom, bath, by working couple. St. 5344-L after 5:30 p.m.

### FOR RENT

BOX TRAILER — Steel box, \$10 per week. Gen. 6153.

COTTAGE—Cape Vincent, 2nd week in July and last 3 weeks in August. Char. 2204-M, during week after 4 p.m.

COTTAGE—From July 18 to 31st, 7 bedrooms, Lake Side Park, \$65 a week. Glen. 4206-J.

COTTAGE—Furnished, on East Lake, Canada, with boat, accommodates 6, excellent fishing. Char. 0178-J after 6 p.m.

COTTAGE—Grand View Beach, sleeps six, weeks ending August 7, 21 and 28. Gen. 3124-R.

ROOM—Nicely furnished, with kitchenette, for working couple, ten minutes from Kodak Park. 358 Flower City Park, Glen. 5522-R.

ROOM—Pleasant corner room, gentleman preferred. 160 Albemarle St., Glen. 5498-R.

ROOM — Private home, private entrance, for girl. 57 Doran St., after 6 p.m.

ROOM—Furnished, private home, gentleman preferred. Mon. 0785-R after 4 p.m.

ROOM—With breakfast, laundry privileges, near Dewey-Lake bus lines, girl preferred. Glen. 1700-J after 6 p.m.

ROOM—Large, single, Seneca Pkwy., 10 minutes to KP, gentleman preferred. Glen. 3237-M after 6 p.m.

ROOM—Gentleman preferred. 29 Annett Blvd.

ROOM—Single furnished for gentleman, 5 minutes from Kodak Park, 48 Ridgeway Ave., Glen. 0843-R, after 6 p.m.

ROOM AND BOARD—Double room for two employed ladies, pleasant surroundings. 61 Harper St.

ROOM AND BOARD — Private, for working girl, home privileges. 138 Second St.

ROOMS — Furnished, pleasant, semi-private kitchen and bath, employed women preferred. Gen. 1478 after 7 p.m.

ROOMS—Two, newly decorated, furnished, medium size, near bus stop, men preferred. 690 S. Plymouth Ave., Gen. 0464-M after 5 p.m.

ROOMS—Two large sleeping rooms, 10 minutes from CW by bus, ladies only. Main 5826-M.

### WANTED TO RENT

HOUSE — Five or 6 rooms, single or half double. Elmer Roe, 89 Bartlett St.

### LOST AND FOUND

FOUND—Man's gold tie clasp with initials, in vicinity of Kodak Park, Ann Marrinan, Research Lab, Bldg. 59.

FOUND—"Rainfall" raincoat, June 8 in Bldg. 28. Willard Hoefen, Dept. Mfg. Experiments.

LOST—Sun glasses, prescription lens, tan snap-case. Gen. 3764-M.

### SWAPS

BICYCLE—Boy's, 26", double bar. For: boy's 20". Cul. 5381-W.

RADIO — Table model. For: suitcase. Char. 1978-W.



**Paging the Boys**—With a record registration of 2329, KPAA staff members were faced with a busy week of last-minute preparations in planning the fifth annual KPAA Boys' Softball Program. Shown above, from left, preparing to mail practice assignment notices to boys enrolled are Bunny Ellsworth of the KPAA Office, Spike Garnish, program director, and Shifty Gears, assistant director. Play in the various leagues starts July 12, following completion of the two-week "spring training" period that opened June 28.

## Bears Win 2, Fatten Lead In Ridge Softball League

The Bears chalked up two shutouts last week to take a commanding first-half lead in the KPAA Ridge Noon-Hour softball wheel. Abe VerCrouse's outfit started off on June 21 when Roy Sill bested Bill France in a mound duel to shade the Bisons, 1-0. A sensational stop by John Reed at third base prevented further damage by the winners.

### E&M Ridgemont Golf

Standings in the E&M Ridgemont Wednesday Night Golf League as of June 23 follow:

	Pts.
Bob DeBerger-Louis McManus.....	15
Leo Closser-Al Kaiser.....	14
Perc Stevens-Jim Jenkinson.....	13
George Hayes-Harold Mosher.....	12
Louis Gerhardt-Oscar Zabel.....	12
Lewis Behrmdt-Harold Gunderson.....	10½
Fred Kunkel-Cecil Aronson.....	10
Dave Harris-John Hickey.....	10
Harry Horn-Clayt Benson.....	9½
Jim Scott-Louis Moss.....	9½
Jim Culhane-George Lawrence.....	8½
Jim Weigand-Henry Brown.....	6½
Jack Walsh-Effie Slater.....	6½
George Patterson-Bill Hallett.....	5½

Two days later, the loop leaders racked up a 5-0 triumph over the Royals, reeling off two double plays. Also starring in the win was Ray Schutt who made two sparkling catches for the Bears.

### McEntee Clouts Two

In a heavy-hitting session on June 22, the Royals and the Wings battled to a 6-6 deadlock. Al McEntee homered twice for the Wings, with Jerry Thibault and Walt Pero posting one circuit clout apiece. Two members of the Royals, John Dietz and Jim Rumpf, banged out three-baggers.

Larry Jopson's Bisons chalked up their second win of the season on June 24 as Bill France received neat support from his mates to register a 2-0 verdict over the Wings. Thibault, patrolling center-field for the Wings, featured with a fine throw to second base to erase a Bison runner. League standings:

	W	L	T	Pts
Bears.....	7	1	0	14
Wings.....	3	5	1	7
Bisons.....	3	5	0	6
Royals.....	2	4	1	5

## Hopkins, Ariole, Lynd Top Golfers

Charles Hopkins, Frank Ariole and Joe Lynd topped a field of 84 golfers in Class A, B and C divisions, respectively, of the first 1948 KPAA trickworkers' event at Lake Shore Country Club.

Hopkins finished with a 67 to cop low gross honors, George Clark registering top net with 69. Other leaders in the A bracket were Gordon Dank, 71; Don Brown, 72, and Robert Quinn, George Pappas, Ken Nelson and George Herring, all of whom carded 73's.

### Ariole Wins Class B

Ariole's 67 gave him the edge over Charles Bixby and John Allen with 69; Weller Evans and A. Snider, 70; Joe Jackson, 71, and Ted DesGrange, Eugene Hutter and G. R. Wells, 72. Tied at 73 were Bill Atherton, Frank Herzog, Charles Skuse, Fred Lutz, Leo Hysner and Raymond Smith.

In the Class C firing, Lynd's 62 was closely followed by W. Hendrickson with 63; Howard Haug and Clark Austin, 68; Al Burnett and "Doc" Dostater, 70; John DeVey, 71, and Tom Ackroyd and Don Volkman, 72.

# Kaypees Regain Major Lead As Bud Oister Beats Ritter's

Kodak Park regained first place in the Major Industrial Softball League pennant race last Monday night, eking out a 3-2 extra-inning win over Ritter's before a crowd of 2500 at the Kaypees' Lake Avenue ballyard.

Bud Oister, who came to Ken Busch's rescue in the sixth, pitched and batted the Park nine to victory. In the ninth, Ralph Taccone got a life on a scratch hit, reached second on an error and streaked home with the winning run when Oister singled. Bud gave up only one hit after Busch allowed Ritter's to tie the score in the sixth.

The victory avenged one of the two losses Kodak Park has suffered. Previously the Kaypees had blanked Gleason, 8-0, June 24, behind the two-hit hurling of Joe Witzigman. Jim Gallagher's gang pushed across two in the first and coasted to victory behind Witzigman's airtight pitching.

### Hawks Trip CW

In a renewal of the Hawk-Eye-CW rivalry on June 23 Gene Santucci bested Ed Mayer, 3-1, as both moundsmen gave up but five hits. Angie Sulli's third-inning single with runners on second and third, scoring two runs, proved the payoff for H-E.

Both teams did an about face June 25, Delco handing Hawk-Eye an 8-6 setback, and CW nudging Graflex, 4-1. Mayer spun a three-hitter against Graflex for Cameras. Playing their third game in six days, the lensmen bowed to Bausch & Lomb last Monday night, 5-1.

### MAJOR INDUSTRIAL STANDINGS

	W	L
Kodak Park	7	2
Ritter	5	2
Balco	7	4
Wollensak	8	5
Products	6	5

### GAMES NEXT WEEK

Thursday, July 1—8:15 p.m., Wollensak vs. Graflex; 9:30 p.m., Rochester Products vs. Bausch & Lomb.  
Friday, July 2—8:15 p.m., Gleason vs. Camera Works; 9:30 p.m., Delco vs. Ritter.  
July 4-10, open dates; Kodak Park field not available.

## Memos Notch 4th Straight

The Memos continued to strengthen their lead in the H-E Intraplant Softball League last week when they got by the second-place Dept. 42 lens polishers by a narrow 5-4 margin.

Jim Monks' club stretched its unbeaten skein to four straight on a big sixth inning, pushing across four runs by combining two walks with four hits. The big blow for the losers was Ben Steimer's four-ply smash with the bases bare in the fifth to give the Dept. 42 softballers a short-lived lead.

The Apprentices and Dept. 29 also chalked up wins last week. The Apprentices knocked off Standards by a 9-3 count, while Joe Donzella's lathemen closed fast to notch a 7-4 win over the Recordak Engineers. Line scores:  
Apprentices..... 2 1 0 3 0 3 0—9 11 0  
Standards..... 1 0 1 0 0 1 0—3 6 0  
Bauman and Osborn; Gosnell and Barnes.  
Dept. 42..... 0 0 0 1 1 1 0—3 6 0  
Memos..... 1 0 0 0 0 4 x—5 9 0  
Bischoff and Palleschi; Gruner and Sobierajski.  
Dept. 29..... 0 0 2 2 1 0 2—7 10 0  
Rec. Eng..... 2 1 0 1 0 0 0—4 5 0  
Bischoff and Santangelo; Elle and Romanko.

### Girls' Golf Tourney Set

Deadline for entries in the KPAA's first women's golf tournament of the season is 5 p.m. July 7. The tourney will be run off July 10 at Lake Shore Country Club.

### Dusty Tennis Standings

	W	L	Pts.		W	L	Pts.
Kodak Off.	14	4	28	Cam. Wks.	6	12	12
Kodak Pk.	13	2	26	Products	5	13	10
Balcos	11	4	22	Stromberg	4	11	8
Hawk-Eye	11	7	22	Wollensak	2	13	4

Results Last Week: Kodak Office 4, Products 2; Hawk-Eye 4, Camera Works 2; Kodak Park 4, Hawk-Eye 2; Bausch & Lomb 4, Kodak Office 2; Camera Works 6, Stromberg 0; Products 4, Wollensak 2; Stromberg vs. Kodak Park, postponed, rain.

### Sports Roundup

## Webster Hurls No-Hitter... KO-ers to See Frantz Play

Dick Webster joined the ranks of the no-hit hurlers June 23 when he worked a hitless 6-0 victory for his Research softballers over the Emcos in a KPAA Twilight League game. . . . Newt Shearer returned to the Kaypee tennis team lineup last Monday after an absence of six weeks because of a shoulder injury. . . .

K P A A Ridge Noon-Hour League officers endeavored themselves to the youngsters of School 41 last Thursday noon when they passed out candy suckers gratis. . . . Al Van-Houten and Sam Foster have been instrumental in pushing the Bldg. 30 entry to the top of the heap in the KPAA intraplant net circuit. . . . Al Benedict let Bldg. 30 down with one hit on June 24 as Finished Film-Shipping racked up its fourth win against no losses by taking a 5-0 victory. Hal Wilkins tripled to help the cause. . . . Four KO pals of Art Frantz journeyed to Geneva the night of June 22 to see the KO athlete in action with Watertown, only to learn Frantz had gone to Rochester for the evening when a rainstorm forced postponement of the scheduled Geneva-Watertown Border League contest. The quartet—A. J. (Andy) Andrews, KO basketball commissioner; Coach Fred Fogarty, Bill Sweeney and El Augenstein—now plan to see Frantz play later this month.



Webster

### Softball Standings

KPAA LAKE AVE. NOON-HOUR	W	L	T	Pts
Yankees.....	6	2	4	16
Dodgers.....	5	3	3	13
Giants.....	4	4	5	13
Birds.....	3	4	5	11

Results Last Week—Yankees 1, Giants 0; Yankees 2, Dodgers 1; Birds 0, Yankees 0; Giants 1, Dodgers 1.

### KPAA TWILIGHT LEAGUE

National	W	L	American	W	L
Organic Ridge	5	0	Kodacolor	4	0
Finished Film	3	0	Printing	3	1
Engineering	3	1	Research	3	3
F.D. 10-R'll Ctg.	3	2	Sens.	2	2
Emul. Melting	2	3	Cafeteria	1	1
Bldg. 30	1	3	Emcos	2	4
Syn. Chem.	1	3	Phys. Test.	1	3
Recovery	0	8	Pap. Ser.	0	2

Results Last Week—National: F.D. 10—Roll Ctg. 12, Recovery 2; Syn. Chem. 9, Recovery 0 (forfeit); F.D. 10—Roll Ctg. 9, Emul. Melt. 5; American: Kodacolor 3, Sensitometry 2; Printing 9, Sensitometry 2; Research 6, Emcos 0.

### H-E INTRAPLANT

	W	L		W	L
Memos	4	0	Dept. 29	3	2
Estimators	2	1	Recordak Eng.	1	4
Dept. 42	2	1	Recordak Assm.	0	2
Production	2	1	Dept. 24	0	2
Apprentices	3	2	Standards	0	3

Results Last Week: Apprentices 9, Standards 3; Memos 5, Dept. 42 3; Dept. 29 7, Recordak Engineers 4.

### KPAA KODAK WEST NOON-HOUR

	W	L	T	Pts
F. D. 5.....	8	5	0	16
Syn. Chemistry.....	5	5	2	12
Renegades.....	5	7	1	11
Wood Cellulose.....	4	5	3	11

Results Last Week: Renegades 1, Wood Cellulose 1; Syn. Chem 4, F. D. 5 0; Renegades 2, F. D. 5 0.

### CW INTRAPLANT

National	W	L	American	W	L
WW & Smith	2	0	Maintenance	2	0
Tool Room	2	0	Plating	2	0
Milling	1	0	NOD Eng.	2	0
D. 20-21-Sh't'r	1	1	Press	1	0
Depts. 37-56	1	1	Dev. & Office	0	1
Inspect. & Stk.	0	1	Lacquer	0	2
J Bldg.	0	2	Engineering	0	2
NOD Stk-Rec.	0	2	NOD Prod.	0	2

RESULTS LAST WEEK  
National—Depts. 37-56 12, NOD Stock & Rec. 10, Inspection & Stock vs. Milling, postponed, J Bldg. 3, WW & Smith 6, Tool Room 7, Depts. 20-21-Shutter 2.  
American—Plating 5, Lacquer 0, Dev. & Office vs. Press, postponed, NOD Production 6; Maintenance 11, Engineering 0, NOD Engineering 20.

### KO INTRAPLANT

	W	L		W	L
Shipping	4	1	Repair	1	3
Office	4	1	Roch. Br.	0	4

Games July 7—Shipping vs. Repair; Penpushers vs. Roch. Branch.  
Results Last Week—Penpushers 8, Repair 4; Shipping 16, Branch 6.

### ROCHESTER INDUSTRIAL

American Division	W	L		W	L
Bond	6	1	Balcos	3	4
Buttons	5	1	Hickok	2	4
KP Dusties	5	2	Taylor	1	6
Am. Ldry.	4	3	Wollensak	1	6

## Reel Girls Trim Medical Nine, 17-9

Reel Manufacturing tripped Medical, 17-9, on June 22 as the KPAA Girls' Softball League ushered in its belated season on the School No. 41 diamond. Betty Evans homered in the first inning with two on, and Doris Shaw hit for the circuit in the third inning with the bases loaded to feature the win.

In another contest, Bldg. 65 took a 7-0 forfeit victory from Color Control.

### KPAA Horseshoe Loop

Standings	W	L	Pts.	Pct.
16 mm.....	31	19	1428	.621
Maintenance.....	31	19	1521	.621
Syn. Chem.....	29	21	1348	.580
Gelatin.....	14	11	525	.560
Electric Shop.....	26	24	1295	.520
Metal Shop.....	22	28	1220	.440
Bldg. 203.....	14	36	975	.280
Cine Proc.....	7	18	548	.280



**Kaypee Ace**—Joe Witzigman, above, pitched two-hit ball as Kodak Park shut out Gleasons 8-0, June 24, in the Major Industrial League.

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