

# KODAK

*A Magazine for  
the Men and Women  
of Kodak in Canada*



NOVEMBER • 1948





Butchart Gardens, Victoria, B.C.

Charlie Nelson

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# KODAK

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## New Electric Ear Used for Heart Diagnosis

**T**HERE'S A NEW MEDICAL TOOL, known as the electric ear, which bids fair to revolutionize diagnosis of heart ailments.

Known in scientific circles as the electrostethograph, the ear listens in on human heart sounds and records what it hears. The scientists who have developed it are using it to study heart murmurs with greater accuracy than the human ear can achieve. They use some Kodak Linagraph Films and Papers as vital parts of the process.

Three scientists of the College of Medicine of the University of Nebraska—Dr. Lowell F. Dunn, Dr. Walter Rahm jr. and Dr. Albert Freed—are responsible for the designing and development of this machine. They explain that it tells more about what is going on in the heart than the electrocardiograph, which records the heart's electrical waves, and is far more sensitive and accurate in its hearing than a trained physician with his stethoscope.

The electric ear is a machine that turns the sound of a beating heart into beams of light, then takes pictures of the beams, recording them as wavy lines on a roll of photographic paper. Sounds are picked up by a crystal microphone placed over the heart.

They are amplified and turned into moving beams of light flashing across three cathode ray tubes. One tube shows low-frequency sounds, the second middle-frequency sounds, and the third the high-frequency sounds.

High-speed pictures are taken by the camera built into the machine, and the developed film shows three wiggly lines, one representing each frequency.

These permanent pictures can be compared later on in life, or during an illness, to determine what changes have occurred. They

can thus help in spotting heart changes earlier. This is of vital importance with children in particular. Some heart murmurs may be due to damage to the heart, or, on the other hand, to causes not serious at all.

The electric ear can help to determine whether the trouble is organic and whether activities should be limited. Studies are being made of dozens of children who have had rheumatic fever, the most serious disease of childhood. It often leaves scars on the heart valves with resultant murmurs.

The electric ear can't be tucked into a doctor's bag in its present form, but it does provide a new and tremendously vital tool for hospital examinations.

## Quarter Century Club Members Visit Eastman Kodak Company

Members of Kodak Ladies' Quarter Century Club, their relatives and friends, numbering thirty-three in all, spent Thanksgiving week-end in Rochester, N.Y. On Monday, October 11—a holiday in Canada but not in the United States—the group visited our parent Company, in accordance with arrangements made beforehand.

When the visitors arrived by bus at Kodak Park they were welcomed most cordially by members of the Personnel Department, and thus began a very interesting tour of manufacturing departments, offices and recreation centers at the Park, State Street and Camera Works. At mid-day the ladies enjoyed a hearty meal in one of the Company's modern cafeterias.

The return bus trip to Toronto began at 4 p.m. with plans for a stopover at the Estaminet in Burlington, where members of the group had their evening meal.

*(Continued on page 5)*



# Kodak Man Gives Machines to Eastman Museum

ONE EVENING AT about the turn of the century a number of people were gathered in the old Town Hall at Owen Sound, Ontario, to watch a performance which had for its feature attraction a showing of 35mm. movies. Everything went well for a while,



Jim McDowall

but towards the end of the movie smoke and flame suddenly billowed from the projector causing panic in the audience. Undoubtedly, many of those who made a hasty exit via doors and windows decided there was little future for cinematography.

Movie machines at that time were crude and inefficient by comparison with the intricate projectors used in theatres today, but they led to modern film entertainment. During this era "nickelodeons" were making their appearance throughout Canada and the United States, the name being derived from the five-cent admission fee. Programs consisted of vaudeville and a fifteen-minute movie—the brevity of the latter owing to the fact that films were supplied only in one-reel lengths (about 1000 feet). The idea of presenting stories on the screen had not developed to any extent, so the pictures showed events of the time in much the same style as current newsreels.

The reproduction on the facing page shows an Edison Optigraph No. 4, manufactured by the American inventor, Thomas A. Edison, in 1902, and below is the lens and shutter equipment of an 1899 model. These machines were donated recently to George Eastman House Inc. by Jim McDowall, a member of our Film Spooling Machine Shop.

Jim's interest in photography dates back to former years when he was a resident of his home city, Owen Sound. He became particularly interested in the development of moving pictures and gathered much information on their history. In 1931 he purchased the Edison Optigraphs from the son of one of the original owners of Miller Brothers' Wonderland Theatre, an early Owen Sound playhouse which went out of

business about the time of World War I.

Both machines are in fine working order, and after Jim had studied them he decided to offer them for display. An inquiry sent to the Royal Ontario Museum in Toronto elicited the information that firearms are the only pieces of mechanical equipment exhibited there. Officials of the Edison Museum in Detroit declined them because machines of the same model were already in their possession. Then, a year after he had joined our Company, Jim read about the conversion of the home formerly occupied by the late George Eastman into an educational center and museum (KODAK September 1947) and he sent pictures of the machines to Rochester. This time the offer was accepted, and after the apparatus had arrived at its destination Jim received the following letter from Walter Clark, Kodak Research Laboratories:

"We have now received the Edison Optigraphs from Mr. J. W. Spence of the Canadian Kodak Company, about which he wrote me, and which you have presented to the Eastman House.

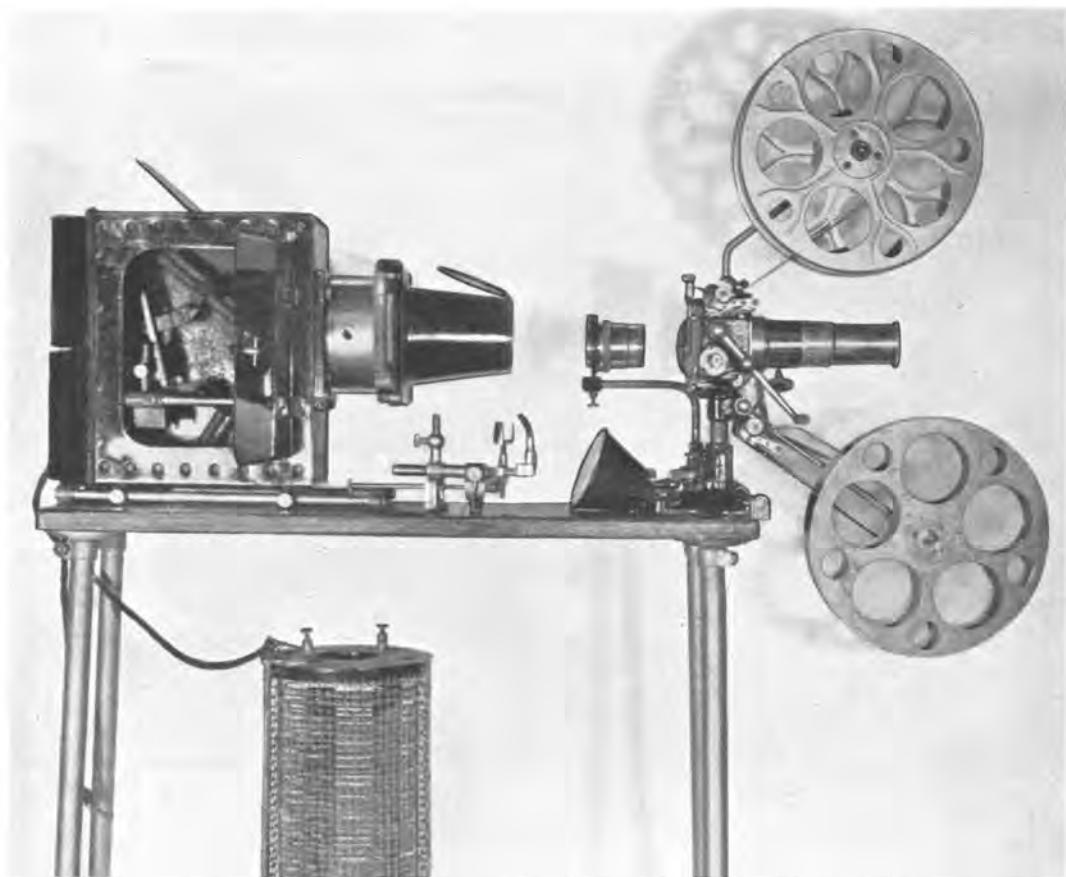
"They were well packaged and arrived undamaged. Unlike many of the exhibits which we receive, you have kept them in excellent condition. They are now being assembled and sent out to the building in which we are doing the preliminary layout of our exhibit.

"The material will play a very important part in the Eastman House exhibition, and on behalf of the Board of the museum I



Edison Optigraph, 35mm., manufactured for Edison by Enterprise Optical Co., 1899. Housing for limelight is not shown. No take-up reel was supplied for this machine but one was added to later models. The film runs into a basket and is rewound after each showing





Edison Optigraph No. 4, 35mm., made by the Edison Manufacturing Co., 1902. The optical system was made by Bausch and Lomb. Lens in short barrel at center is not in alignment with other lenses, but can be swung into position in place of front lens for showing slides. The film in the machine was taken at an exhibition in Buffalo

should like to express our great thanks for your kindness in putting them at our disposal. They will of course be registered and displayed as having been presented by you."

At the left of the lower photo is a lime light-source mechanism removed from its housing. A cylindrical piece of lime (calcium oxide), like that shown on the carton at the right, can be fitted on the holder and heated to incandescence by flame from the adjacent jet. The flame is produced by a mixture of oxygen and illuminating gas. The reflector, when fixed behind the lime, throws the light forward into the lens system and thus onto the screen. This was the only method of lighting for projectors that was available forty-five years ago except in the comparatively few buildings equipped with electric wiring.

Incidentally, the use of lime in movie projectors, and spotlights for the stage, is responsible for the expression to the effect that a person is in the "limelight." Nowadays lime light is used rarely, if ever.

The early type of incandescent bulb was an alternative light source but it produced only 100 candle power.

The Edison Optigraph, illustrated above, is electrically wired for a carbon arc light and the optical system includes a separate lens for the projection of slides.

In both Optigraphs the mechanisms, which draw the film down through the gate and past the lenses, are run by hand cranks which have to be turned at the rate of two revolutions per second to show the pictures smoothly. All projectors were hand-cranked until the advent of electrically-operated sprockets and claws, and it used to be common practice for projectionists to speed up the cranking during wild west scenes to make the action faster.

The evolution of movies is a particularly interesting branch of photographic history, and, to Jim, studying it has become a hobby. In addition, he spends much time taking pictures with a 16mm. Cine-Kodak camera.



# Power House Smokestack Inspected, Cleaned



Man is shown in white circle at top of smokestack

Smokestack repairing is not a job for the squeamish, but the two men who spent a couple of weeks on the one at Kodak Heights worked as nonchalantly as if they had been on the ground. During the last day they mortared the top in a stiff north wind while standing on a scaffold without railing, 196 feet in the air.

The smokestack needs repair every two or three years due to the erosive effect of hot gases and weather conditions. The extent of deterioration on the outside is checked annually with powerful field glasses.

As the smokestack is 200 feet high and 9 feet in inside diameter at the top, there is considerable brickwork to examine and point. One Saturday, late in September, the furnace fires were put out at the Power House and the repair men worked on the inside of the smokestack, scaling it by means of a built-in ladder. The following Monday they began work on the exterior.

The tall smokestack discharges smoke and gas at a high level to avoid contamination of air around the plant, and it also provides a good draft for the fires. Because it is vulnerable in thunderstorms, several lightning rods project above it.

## Corner on Beauty

You may not realize it, ladies, but probably a lot of you are suffering from lordosis, kyphosis or ptosis, and that's bad. But before you decide you're all washed up, let's get the record straight by explaining that these grim-sounding maladies only refer to poor posture and the likely effects of it. With a bent spine it's impossible to have a good figure, and if carriage is habitually bad the figure will grow worse each day.

So those who find they are members of the 1948 slump (modern version of the 1920's debutante slouch) had better start some action to straighten up their backbone of beauty. The best treatment is to develop "posture consciousness" and keep the back straight whether you're sitting at work, climbing mountains, standing on a trolley-coach or shopping at a bargain counter.

Correct posture means head and shoulders back, tummy in and derriere flat. For practice, stand with back against a wall—

you'll be surprised how much effort that will take at first—then walk away without relaxing one bit. After a while you'll get used to your new spine line and your posture will be good.

Try this easy remedy and grab a corner on beauty.

## Lengthening Short Skirts Need Not be Expensive

Here are a few suggestions for giving the new look, inexpensively, to skirts and dresses that are too short to conform to current fashion:

1. Skirt—Let down the hem. If this is only partially satisfactory, try opening up the waistband and lining with a stiff material. Let out the seams slightly to give more room around the hips, and move the zipper up.
2. Dress—If the dress is black, add a band of colorful taffeta to the bottom. The idea can be carried further by putting a matching taffeta bow at the neck.



## Attains Long Service



W. Allan Snow

3. Suit—Transform it into a dress by attaching the skirt to the hip-length jacket.
4. Skirt—Insert a band of material into the body of the skirt or at the waist. For example, a white woolen skirt can be made long and stunning by inserting a candy-striped material cut on the bias.
5. Dress—If you can't figure out any way of lengthening it to your satisfaction, make it into a cap sleeve blouse.

Any other ideas?

## Quarter Century Club

*(Continued from page 1)*

Club members described the visit as being excellent in all respects and of much value educationally. They are grateful for the many kindnesses shown by their hosts in Rochester, and they tender thanks also to E. S. Currie who assisted in making plans for the visit and to the Club executive which attended to numerous details with utmost success. The executive is comprised of Ettie Walker, president; Ruby Rennie, vice-president; Gladys Nichols, secretary-treasurer; Bertha Murray, social convener; Lillian Forfar, program convener.

## Retires



Samuel Percy

After spending more than twenty-eight years with the Company as a member of the Caretaking Department, Sam Percy retired on October 1.

For the greater part of his service, Sam performed the duties of watchman with the strict attention to detail and the efficiency which characterized his method of doing any work he was given. Later he was transferred to Building 5 to become operator of the east end elevator.

Sam is quiet and somewhat reticent, yet his sincerity is an indication of the loyal friendship extended to those with whom he becomes well acquainted. Since he came to Kodak Heights in April 1920, many have enjoyed that friendship and will miss association with him in the future.

A cheque was given Sam upon his retirement, as a token of associates' esteem, but in accordance with his expressed wishes no formal presentation was made.

Mrs. Percy has suffered illness recently and this circumstance prompted Sam's decision to retire. Friends hope that the opportunity he will have henceforth to spend more time at home will bring about improvement in her health.



## Sports Events Excellent for Action Photos



**I**F THERE'S ONE THING that's typical of fall, aside from the changing foliage and the sharp tang of burning leaves, it's football.

There's glamor in the titanic struggles of the big teams; beauty in a long, graceful kick or forward pass. A football game is one of the most photogenic spectacles anyone could hope to find.

There's the play on the field, long shots from the stands, closeups from the sidelines when such advantageous picture taking positions can be obtained. Then there's the parading of the bands between the halves, the battle for the goal posts, the cheerleaders' gyrations.

But, for the picture taker with an eye for "human interest," there's nothing that ever quite replaces pictures of the crowd itself. You can find unlimited picture possibilities if you'll turn your camera on the crowd for even part of the game, and candidly record the emotions displayed.

Look for the dyed-in-the-wool rooters for any team; people with expressive faces who are almost "in there" fighting too. When you find even one person like that you can make a grand series of pictures. Why not look for a few good shots around the hot dog stands? And look for unusual crowd pattern shots by aiming your camera down toward the exits when the crowd is leaving.

Almost any kind of film or camera will do for picturing the game and the eager crowd. Exposures of 1/50 second are sufficient for general shots, and long shots of the playing field. But it's always safest to use slightly higher shutter speeds where possible—first to stop any unexpected action on the part of your subjects, and then to prevent camera movement from blurring the picture.

A medium yellow filter will make a helpful accessory for your football pictures. Use one and you will pick up cloud effects if there are any clouds in the sky. It also will



darken general sky tones, and produce more pleasing contrasts in your snapshots.

The picture of the racing car illustrates the successful application of a picture-taking technique developed before there were shutters with very fast action, and it is just as useful today.

The method is to center a fast-moving object in your viewfinder and keep it there by moving the camera at the same relative speed as the object, then snap the picture. The result is that you seemingly "stop" the action yet preserve the sense of motion with a blurring of the background or foreground.

Preparation for a picture of this sort naturally consists of focusing at approximately the right distance and setting the shutter speed and aperture to get the correct general outdoor exposure. Knowing at what spot you are going to make the exposure, be ready to pick up the object in your viewfinder a few seconds before it



reaches there so that you can get the camera moving smoothly with the object properly centered.

That's all there is to it but it's a method that will enable you to get excellent shots of races and other sports activities even at box camera shutter speeds.

## Correspondents Gather News

Nearly all the news for our monthly commentary titled "They Tell Us" is gathered by KODAK's twenty-eight correspondents who are located in departments throughout the plant and office. In addition to these items, which are necessarily condensed to save space, the correspondents lend valuable assistance in the preparation of feature articles and other notes appearing in the magazine.

The correspondents in turn rely upon the cooperation of associates in giving them news items promptly and with attention to such important details as exact dates, locations and full names, where such apply. While births, marriages and vacation trips comprise the bulk of the information for "They Tell Us," the correspondents are on the lookout for special items including hobbies which usually provide interesting material for articles of greater length.

Although the correspondents are well known to most Kodak people, the following list is printed for the benefit of newcomers to Kodak Heights and for the purpose of including those who have accepted our request to collect news since our last publication of correspondents' names.

The departments named are those in which each correspondent is employed, but

in some cases where these are small the correspondents have been asked to send us news from certain nearby departments as well.

<i>Correspondent</i>	<i>Department</i>
Velma Ball . . . . .	Yard & Caretaking
Evelyn Barger . . . .	Personnel
Alec Barton . . . . .	Silver Nitrate
Tena Capstick . . . .	Camera Inspection
Marie Crane . . . . .	Box and Printing
Maude De Long . . .	Paper Packing
Lloyd Dodson . . . .	Drafting
Les Garred . . . . .	Shipping
Evelyn Grant . . . . .	Cine Processing
Charlie Heighway . . .	Power House
Bob Irving . . . . .	Camera Repair
Ellen Luxton . . . . .	Powder & Solution
Kay McLean . . . . .	Pay Office
Bus McPhail . . . . .	Film Boxing
Bertha Murray . . . .	Film Spooling
Audrey Rees . . . . .	Cine
Ruth Robins . . . . .	Accounting
Wilf Sainsbury . . . .	Carpenter Shop
Lucy Segee . . . . .	Film General Stock
Joan Southorn . . . .	Advertising
Ruth Speiran . . . . .	Credit
Charlie Stephenson . .	Cut Sheet Film
Nancy Stephenson . . .	Sales
George Telford . . . .	Emulsion
Charlie Wacey . . . . .	Camera Assembly
Doris Whiteside . . . .	Testing
Andy Whyte . . . . .	Mount
Helen Yeatman . . . .	Paper Coating



# They tell us

## News from the Departments

**B**EST WISHES are extended to **Helen Bryant**, Cut Sheet Film Department, who has become engaged.



Thelma Gottschalk

**Thelma Gottschalk**, Camera Assembly Department, will wed **William Howard Dymont** on Saturday, November 20, at St. Clair Baptist Church.

**Jim Cowan**, Paper Packing Department, is recovering from a broken rib sustained in a fall which occurred while he was engrossed

in taking movies of his grandnephew.

**Mrs. Elizabeth Wallington** and **Jack Ewen** were married in a quiet ceremony on Saturday, October 9. Elizabeth's associates in the Caretaking Department presented her with a cheque, flowers and a table lamp at noonhour on October 7.

Sincere sympathy is expressed for **Ed Wright**, Film General Stock Department, whose mother passed away recently.

**Nelson Pelletier**, Film General Stock Department, spent his vacation visiting his brother, **Gerard**, a physician practising in Whitehorse, Yukon Territories. Nelson also travelled to Alaska and arrived in Skagway during celebration of the fiftieth anniversary of the famous gold rush. He took many pictures, mostly on Kodachrome, and enjoyed the trip considerably. Dr. Gerard Pelletier was a member of our staff some years ago during vacations from his studies at the University of Toronto.

Congratulations to **Bob Wilmshurst**, Billing Department, and **Mrs. Wilmshurst**, to whom a son, **Peter Michael**, was born on August 24.

**Tom Gordon** and **Jim Stewart** have returned to work in the Yard and Caretaking Department following absence due to illness.

Best wishes go to **Vi Wiggins**, who has left the Powder and Solution Department to resume housekeeping duties.

**Bob Prentice** has returned to the Film General Stock Department following absence due to illness.

**Grace Mills** has been transferred to the Powder and Solution Department from the Japan and Plating.

Members of the Cine Department express sincere sympathy for **Tom Rimmer**, who was bereaved by the death of his mother, on October 8. Mrs. Rimmer had been residing with her daughter and son-in-law, **Jack McGraw**, Stock Department.

Congratulations to **John McLean**, Advertising Department, and **Mrs. McLean**, who became parents of a baby boy on October 6. The new arrival's name is **Keith Dunbar**.

During a late summer vacation **Charlie Nelson**, E & M Stockroom, and **Mrs. Nelson** travelled by train to Banff, Vancouver, Victoria and Seattle. Charlie used fourteen rolls of Verichrome Film on the trip and had only one incorrect exposure.

**Frank Turner** has been transferred from the Film Coating Department to the Caretaking staff of Building 9.

**Diana McColl** has returned to the Film Spooling Department following a lengthy illness.

Sympathy is expressed for **Ed Stokes**, Paper Coating Department, whose father, died on September 4.

**Charlie Warnes**, Cost Department, is recovering from an operation he underwent recently.

**Bus McPhail**, Film Boxing Department, is convalescing from an operation performed at the Toronto Western Hospital on October 7.

**Audrey Ennis** has been transferred to the Powder and Solution Department from the Film Spooling.

Congratulations to **George Armstrong**, Paper Coating Department, and his wife (née **Kay Irwin**) to whom a son, **David George**, was born recently. Kay is a former member of the Paper Coating Department.

**Norm Moore**, Pipe Shop, has been absent owing to illness.

The marriage of **Ruth Dunn** and **Web Giasson** took place on Friday evening, October 29, at St. Mary's Church. Ruth received a bedspread and sheets from associates in the Camera Assembly Department.

Associates in the Yard Department extend deep sympathy for **Godfrey West** in connection with the death of his mother on October 3.

Members of the Cut Sheet Film Department express sympathy for **Ed Rogers**, who was bereaved recently by the death of his father in Sarnia.



Ruth Dunn



**Lana Jafelice**, Cut Sheet Film Department, has become quite accustomed to the duties of bridesmaid, having performed them for the sixth time at a recent wedding ceremony.

**Armand Aymong**, Cost Department, and Mrs. Aymong travelled to Banff, Alta., Vancouver and Quesnel, B.C. by train during vacation. The trip north to Quesnel was made on the Pacific and Great Eastern Railway, running through the picturesque town of Lillooet which was completely destroyed by fire two days after Mr. and Mrs. Aymong's visit.

**Dean Newton's** father held the lucky ticket in a draw for a new chevrolet automobile at the C.N.E. grandstand performance on Friday, September 10. Dean is a member of the Paper Coating Department.

**George Wright**, Shipping Department, drove his jalopy in the parade on Saturday, October 23, which formed one of the Community Chest Campaign features.

**Thelma May** has been transferred from the Box Department to the Paper Packing.

**Agnes Sands**, Paper Packing Department, became the bride of Wilfred Benstead in a marriage ceremony performed at Peterboro on Saturday, October 9. Associates presented Agnes with a tri-light floor lamp, and the girls of the department gave her a mahogany coffee table as a shower gift.

Illness has kept **Harry Woods** absent from the Film General Stock Department recently.

Congratulations to **Al Snow**, Reel Assembly Department, who reached his twenty-fifth anniversary of service on September 27. Associates presented him with a windbreaker as a token of esteem.

**Marg Dunham**, secretary to R. L. B. Joynt, and her sisters, **Doreen**, Accounting, and **Jean**, Paper Packing Department, accompanied by a brother and Mrs. Dunham, motored to Miami Beach, Florida, during vacation.

Members of the Paper Coating Department express sympathy for **Charlie Grimsditch**, who was bereaved by the death of his father on August 27.

**Hilda Brain**, Film Spooling Department, is making rapid recovery from a recent operation.

**Alvin C. auf der Heide**, former superintendent of the Box and Printing Department, and Mrs. Heide celebrated their golden wedding anniversary on October 26. A reception was held at Runnymede Lawn Bowling Club. Among the guests was one of the ministers who officiated at the couple's wedding. Mr. Heide's daughter, **Florence Handscomb**, Accounting Department, plans to drive her parents to New York, Philadelphia and Florida during her vacation this month.

Congratulations to **John Matthews**, Paper Coating Department, and Mrs. Matthews, parents of a son, Brian John, born on September 13.

**Elmer Pringle** and **Art Booth**, Camera Assembly Department, have returned to work following absence due to illness.

The marriage of **Edna Lane** and Roy Harries took place in St. Paul's Church on Saturday, October 2. The couple will reside in Northern Ontario. Associates in the Paper Packing Department gave Edna a cabinet of silver.

**Ruth Speiran**, Credit Department, was the bride's maid-of-honor at the marriage of Doreen Jackson and Barry Stewart on September 18. Doreen formerly worked in the Stenographic Department, and Barry is a former member of the Sales Department.



**Bernice Ford**

On Saturday, November 6, **Bernice Ford**, Camera Assembly Department, and Doug Elliott will be married at the Church of the Good Shepherd.

Sincere sympathy is expressed for **Howard Heslop**, Accounting Department, and **Muriel**, Pay Office,

who were bereaved by the death of their father on October 3.

**Eleanor Petrie**, Box and Printing Department, suffered a broken toe recently when a crate fell on her foot.

**Jean Phillips** is absent from the Film Spooling Department owing to illness.

**Doris Ellison** and **Irene Phillips** have been transferred from the Camera Assembly to the Paper Packing Department.

**Bert Wright**, Paper Coating Department, has been elected secretary of the City Major Alley Bowling League (affiliated with the Canadian Bowling Association). He is also secretary-treasurer of the Kodak Men's Five Pin League.

Members of the Film Coating Department extend deep sympathy to **Jack Lewis**, who was bereaved by the sudden death of his brother in England recently. During the summer, Jack spent an enjoyable visit with his brother and they did quite a bit of travelling together.

Members of the Film Spooling Department presented **Jean Day** with an end table and table lamp prior to her marriage on September 25. The girls of the department gave her blankets, towels and a set of dishes as shower gifts.

Best wishes to **Mary Wood**, Film Coating Department, who has become engaged.



Kodak Girls' Five Pin League includes a new team this year composed mostly of Reel Assembly Department members. The seven bowlers are **Jackie Jenner** (captain), **Marie Andrews**, **Corinne Hardman**, **Minnie Miskow**, **Joan Terry**, **Irene Thompson** and **Emily Kosick**.

**Bert Corbridge**, Camera Assembly Department, met with tough luck when he went to Pinecrest track to photograph automobile races. He decided to take a short cut to the scene of action, but in doing so fell on a wire fence and damaged his camera.

Congratulations to **George Adams**, Cine Processing Department, and Mrs. Adams, to whom a son was born on September 28.

**Jennie McEwan** has returned to the Camera Assembly Department following absence due to illness.

By way of marking his twenty-second anniversary with the Company on October 19, **Sid Polwarth**, Camera Assembly Department, replaced the apron he has been wearing at work during all of that time. Many will wish they were as economical as that in the use of clothing!

**Ted Gorle** has returned to the Caretaking Department after a lengthy absence due to illness.

**Mildred Dawe** has joined the Girls' Alley Bowling team comprising members of the Cine Processing and Testing Department. **Evelyn Grant** is captain.

**Grace Harris**, Camera Assembly Department, was greatly excited recently when her mother arrived from the British Isles. The two have not seen each other for three years.

**Stewart Featherstone**, Japan and Plating Department, and **Ruth Burnell**, Camera Assembly, are godfather and godmother to the young son of **Elsie Graham**. **Elsie** is a former member of the Camera Assembly Department.

**Phyllis Cunningham** has returned to the Film Spooling Department following absence due to illness.

**Ted Norman**, Paper Coating Department, has become discouraged about his ability to dress in the dark when preparing to come to work on the night shift. Recently he turned up wearing one brown and one black shoe.

Associates extend sincere sympathy to **Agnes Sands**, Paper Packing Department, who was bereaved by the recent death of her father.

**Lea Hynes** and **Eileen Sim** have been absent from the Camera Assembly Department recently owing to illness.

Congratulations to **Bill Hunkin**, Paper Coating, who completed his thirtieth year of service with the Company on October 4.

**Alec Young**, Paper Coating Department, is convalescing at Toronto Western Hospital from an operation performed on October 4.

**Bert Allen**, who has been absent from the Garage owing to illness, enjoyed the visit of a group of Kodak men to his home one evening recently.

**Peggy McDonald**, Reel Assembly Department, has been absent recently owing to illness.

**Tina Montgomery**, Camera Assembly Department, has taken some pleasing Kodacolor snaps.

The men of the Finished Film Department held a lawn bowling tournament on the Kodak green one evening in September. Following the game refreshments were served in the club house. Prize winners were **Glen Mann**, **Jim Lay**, **Tom Rimmer** and **Stan Law**. **Tom Wood** and **Bus McPhail** assisted in making arrangements for the event.

Members of the Emulsion Department regret having to bid good-bye to **Robert H. Brown**, who has been compelled to retire owing to illness. Bob has been absent for some time, but rest has failed to bring about complete improvement in his health. Friends hope that continued leisure will have this favorable result.

Greetings to **Mary Condie**, who has returned to the Film Spooling Department.

**Marge Kelly** has returned to the Film Spooling Department following absence due to illness.

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Two Englishmen bound for New York had sat side by side on deck-chairs without exchanging a word. On the third day out one of them fell asleep and his book fell on the deck with a thud. It broke the ice.

The other man picked up the book and the following dialogue took place:

"Thanks very much. Going across?"

"Yes."

"So am I."

\* \* \* \* \*

June: "I don't intend to be married until I'm 30."

Joan: "I don't intend to be 30 until I'm married."

\* \* \* \* \*

He: "Sweetheart, I love you terribly."

She: "You certainly do."

\* \* \* \* \*

Professor: "What's a vacuum?"

Student: "I have it in my head but I can't explain it."

\* \* \* \* \*

"How many kinds of wood are used in making a match?"

"Two kinds," replied Inez. "He would and she would."



# K.R.C. Doings

## Welfare Service Fund Emblem

A new insignia has been designed for the Employees' Welfare Service Fund, formerly known as the Canadian Employees' Chest, and copies of it have been distributed to companies contributing to this organization.



The insignia is shown in the accompanying reproduction and a full size copy hangs in Al Diehl's office.

## Badminton

The badminton season began on Wednesday, October 13, in Kodak auditorium with twenty-two persons present. Henceforth, games will be played every Monday and Wednesday evening as in previous years.

On October 27, the club held the first open night to give members an opportunity of inviting friends who do not belong to the K.R.C. A social event of this kind will be held each month.

The games are twenty minutes in length, commencing at 7.30, and each player has an opportunity to enter about five of them. If attendance is especially high, the games are limited to fifteen minutes.

A fee of thirty-five cents per person per night covers the cost of birds and of prizes distributed by lucky draw. On open nights the fee is boosted to fifty cents with refreshments included.

The badminton players would like more members in the club and a cordial invitation to enrol is extended to all persons. It is directed particularly to departments of the plant, none of which are represented by many players so far. For the benefit of novices there are rackets available for a ten-cent rental charge, and instruction will be given upon request.

The 1948-1949 Badminton Club Executive consists of Jack Gale, president, and the following committee members: Hilda Stephenson and Doug Langley in charge of instruction; Gib Parker and Don Harshaw in charge of tournaments; Jean Lewis and Marg Dunham in charge of social events.

## Lawn Bowling Social Night

Members of Kodak Lawn Bowling Club and their wives spent a very enjoyable evening at Kodak Heights on Friday, October 22. The occasion was the club's annual social night which combines a business meeting for the men, mixed entertainment, refreshments and presentation of trophies won during the season.

During the time occupied by the business meeting the ladies were entertained by a demonstration in the use of cosmetics conducted by a representative of Richard Hudnut Ltd.

Officers elected for the next year are: Alf Yorke, chairman; Baden Isles, vice chairman; Fred Taylor, Bill Brawley and Jack McGraw, committee members. Ron Boyle will be the immediate past chairman.

The following is a summary of Kodak Lawn Bowling Club trophies offered for annual competition, the winners in 1948, and trophies won in outside competitions this year by members of our club:

### Kodak Club Tournaments (closed)

Trophy	Winners
Beckwith	Jack Burgess, Bert Allen
Carmichael	Jack McGraw, Roy Allaby, Harry Pearce, Jack Burgess

Quinlin	Jack Burgess
Walker	Fred Taylor, Ed Stokes
Wallace	Fred Taylor, Jack Gibbs

### Kodak Club Tournaments (open)

Trophy	Winners
Cornell	West Toronto Lawn Bowling Club
Currie	Old Mill Lawn Bowling Club
Tozier	Rusholme Lawn Bowling Club

## AVOID WASTING ELECTRIC POWER

Low water levels mean less power for factories and homes. The following figures indicate the volume of water required to generate electricity for ten minutes' use of household appliances.

Water Heater	(600 watts) — 644 gallons
Tea Kettle	(1320 watts) — 1427 gallons
Toaster	(625 watts) — 671 gallons

Lamp	(100 watts) — 107 gallons
Flatiron	(800 watts) — 859 gallons
Radio	(200 watts) — 215 gallons







# Kodak Golfers Have Busy Season on Fairway



The camera pictures Kodak golfers in action during a late season tournament. Here, Jim Primeau, winner of the Spence Trophy, putts. Ed Johnson looks on



Bert Wright, Gord Ward, Stan Wright and Harold Livsey (from left to right) pause for a shapshot at Lakeview Golf Course. There were four tournaments this year



Jack Booth



Nelson Pelletier filmed golf events



Dick Nixon



This foursome comprises Emerson Jones, Don Bell, Roger Walmsley and George Grigor. George lost the Ed Johnson Trophy to Jack Booth in a 36-hole match



Starting a tournament as early as seven-thirty on a Saturday morning fails to dampen the enthusiasm of Jack Haigh, Harold Bourne, Bill Kidd and Jack Gale





"Mountain Top Retreat"