

THE BEAM

Published monthly for employees
of Sylvania Electric Products Inc.

Vol. VII MAY, 1947 No. 5

FIRST QUARTER REPORT

	1st Quarter 1947	1st Quarter 1946
Gross Sales — Less Returns and Allowances	\$23,536,779	\$12,834,131
Income before federal taxes on income	1,340,292	(409,234)*
Provision for federal taxes on income	534,950	13,030
Net Income	\$ 805,342	\$ (422,264)*
Dividends on \$4 cumulative preferred stock	99,596	100,000
Earned on common stock	705,746	(522,264)*
Number of common shares out- standing at end of period	1,006,550	1,005,000
Earnings per share	\$ 0.70	\$ (0.52)*

* Loss in first quarter, 1946.

TO THE EDITOR

From "Down Under"

To the Editor of THE BEAM
May, 1947

Dear Sir:

We all read with a great deal of interest the various issues of "The Beam" . . .

Our Organization is proud to represent SYLVANIA in the New Zealand territory and in the coming period hope to more clearly demonstrate how much we value this concession by handing to you the maximum share of business from New Zealand.

Our Company has a nominal capital of £70,000 and employs at the moment 245 people . . .

Noting in "The Beam" that you publish one or two clauses of "Sylvania Policy File" we feel that we would like to look over a booklet of the policies followed by your Company . . .

Needless to say it is our desire to

pattern our own policy on yours . . . as they say imitation is the most sincere form of flattery, we have no hesitation in stating that it is the writer's opinion that your Policy File will provide us with splendid material on which to pattern our own development.

Yours sincerely,

D. T. C. LEWIS, Manager
Auckland, New Zealand
RADIO (1936) LIMITED

To the Editor of THE BEAM
Mayo 8 de 1947

Muy apreciados Senores:

Tengo el honor de acusarles recibo de su Catalogo circular con algunas ilustraciones de vuestros productos y de el, he tomado cuidadosa nota y buena atencion . . .

Cotizan precios de Lamparas Fluorescent Electric, tambien para el mismo VOLTAJE que di anterior.

Toda la correspondencia, me la remiten en IDIOMA ESPANOL. Doy a Uds, mis agradecimientos por la buena —atencion y honra que le prestaran a la presente, me subscrito su affmo atto servidor,

ROBERTO GUTIERREZ C.
Casa Mercantil
Pereira, Colombia

The Sylvania Beam

Published monthly for all employees of Sylvania Electric Products Inc. Address news and editorial material to the Company's executive offices, 500 Fifth Avenue, New York 18, N. Y. Editor-in-Chief: Elliott W. Robbins, News Editor: Austin Heywood. Corresponding Editors: Margaret Bradstreet, John A. Gilmore, George Manolakis, Viola Johnson. Material may be reprinted with credit to "The Sylvania Beam."

On the Beam

SYLVANIA NEWS LETTER

FIRST QUARTER RESULTS of the Company have proved very satisfactory. According to present estimates, sales for 1947 will substantially exceed those of 1946 and may be in the neighborhood of \$100,000,000.

FINANCING. Since the war, the aggregate investments in plant and machinery acquisitions and improvements by Sylvania have amounted to about \$8,000,000 (apart from the acquisition of the Wabash photo-flash property and business), and the 1946 business required the increase of about \$13,000,000 in working capital to carry the enlarged inventories and receivables.

NAVAL RESERVE WEEK during May emphasizes the importance of a voluntary trained Naval personnel. Civilians may

join without sacrificing work time. Many reservists take part in the two weeks summer training cruise.

SMALLPOX. More than 500 employees in New York area were vaccinated during the recent smallpox scare in New York City.

PARTS are an important section of Sylvania's business. Its three parts plants are well equipped to handle an increasing business. Story on the Emporium, Jamestown and Warren Parts Plants on Page 2.

FLOODS, while putting several inches of water into the Warren Plant, did not cause any important damage.

THE SYLVANIA BEAM



SPECIFICATIONS for new tools and parts are developed here in Emporium's Design and Drafting Department

Double '46 Sales IS GOAL OF SYLVANIA'S "PARTS" PLANTS

Sylvania has an efficient Parts Plant in Emporium, Pa. (metal parts) and in Jamestown, N. Y. (mostly mica parts and slow speed metal parts). They are geared for high production of small parts. In 1946, for example, Emporium made 1,500,000,000 metal parts and Jamestown, 200,000,000. The Weld and Wire Plant at Warren, Pa., makes wire and flat wire parts.

SYLVANIA'S Parts Plants at Emporium, Pa., and Jamestown, N. Y., have the people and the equipment to do a wonderful business.

The goal is to double their sales this year.

"The two plants can make all different kinds of small parts, particularly those made on high-speed presses—eyelets, clips, lugs, etc.," says Vice President H. Ward Zimmer.

An aggressive sales organization has been set up under Ralph Merkle that is going out after all types of business.

"You never can tell where markets may be," says Mr. Zimmer. "One good customer was found just around the corner from one of our plants."

The most logical direction for ex-

THREE REASONS—

There has to be a reason for being in business. Sylvania's Parts Plants, with the knowledge and technique of their particular industry, have three major assets:

1. Three separate shop sections developing new ideas for the high-speed manufacture of parts.

2. Machines that have been developed with exceptionally low maintenance that results in lower costs for the customer.

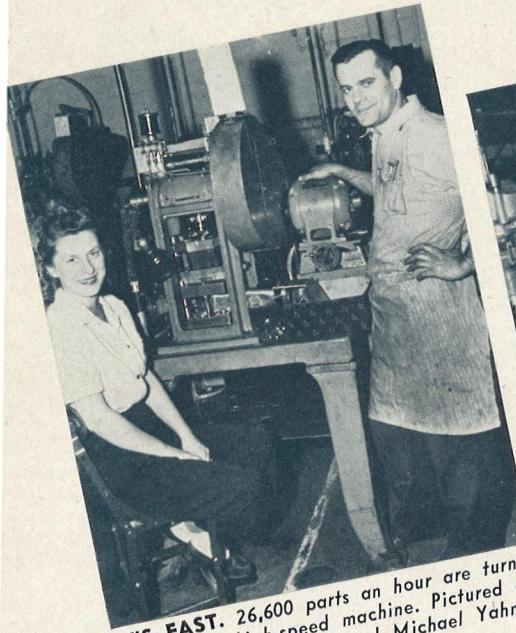
3. Finest high-speed machinery and equipment manned by men and women skilled in their operation and maintenance.

pansion is in the field of radio set components and parts for transformers, condensers, switches, etc. Some of Sylvania's suppliers may become good customers.

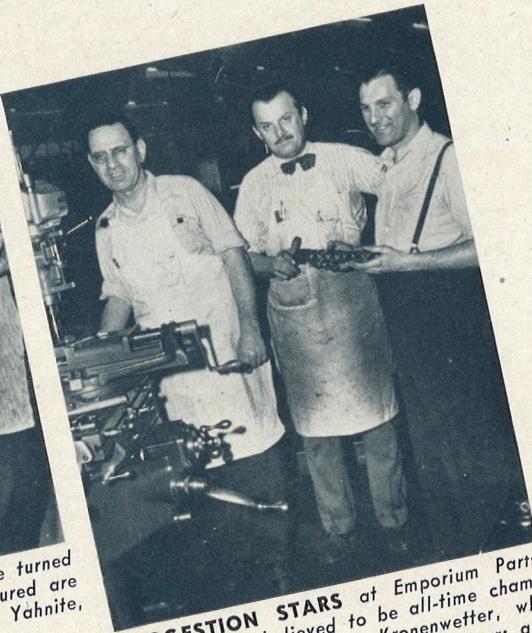
Any employee is encouraged to submit specific suggestions as to parts that might be adapted to our machinery and which could be sold profitably.

What about export sales? Walter A. Coogan, Director of the International Division, gives his opinion. "There's a very good market for parts abroad," he says. "We can sell lots of them!"

George B. Erskine is Manager of the Parts Plants in Emporium, Pa., and Jamestown, N. Y. He is the son of the late B. G. Erskine, founder of the Pennsylvania parent company of our present



IT'S FAST. 26,600 parts an hour are turned out by this high-speed machine. Pictured are Dolores Zito, operator, and Michael Yahnite, setup man.



SUGGESTION STARS at Emporium Parts. Herbert Vogt, believed to be all-time champ with 21 awards; Jerome Kronenwetter, who won \$528 for one idea during the war; and Russell Beckstrom, new repeat winner.

organization. Under his direction are Charles E. Schell, Superintendent of the Emporium Plant, and Regis A. Vogt, Superintendent of the Jamestown Plant.

New Ideas Needed

To keep plants running profitably, a steady flow of new ideas for products and methods is essential. The longer a part is manufactured, the lower its prices and the smaller its profit margin tend to be. When a new part is introduced, its price tends to be relatively high because of development cost. For example, many of our staple items sell for as little as \$1.45 a thousand whereas new parts may sell anywhere from \$25 to \$75 a thousand.

Emporium Plant

New equipment, including 35 and 50 ton presses, two lines of automatic



GEORGE ERSKINE,
Manager of Emporium and Jamestown Parts Plants.



ARTHUR L. CHAPMAN,
Manager of the Warren Weld and Wire Plant.

screwing and tapping machines which can make fluorescent fixture parts are among the signs that the Emporium Plant is out to build its business still further.

There are many contrasts in the Emporium Plant. Machines vary from those that turn out 4,500 parts an hour to one which whips out an amazing total of 26,600 parts in an hour. That is at a rate of over 440 a minute. Parts vary in size from those almost the size of a table radio chassis to 1/50th the size of a nickel.

Lowers Cost of Living

In the face of the present high cost of living, some of the savings for the public which have been achieved by the Parts Plant are truly amazing. Shields that were made for bantam tube bases were once constructed out of a drawn shell. Today they are made with a French seam and the cost has dropped by a large percent. Sylvania alone uses 450,000 a week. Charlie Schell, holds the patent for this new method.

By redesigning the construction of another part, its cost was dropped all the way from \$62.50 a thousand to \$1.90 a thousand—less than 1/30th of the former price.

Jamestown Plant

The Jamestown Parts Plant has already outgrown its Emporium parent

INQUIRING REPORTER

(Pictures by The Stokes Studio, Warren)

The Question: What are the two things that are most important in creating personal satisfaction on the job?

The Place: Weld & Wire Plant, Warren, Pa.

The Answers



CARL McDONALD, Machinist, Assembly Dept.: "I'm working here days and it's easier work—there's no lifting. I worked nights for nine years. Some folks like it but I enjoy being able to go out nights to Sunday School and Boy Scout meetings—I am a Scout Committeeman."



FRANCES AMICONA, Spiral Winding: "I would say it was the people you work for. I like my work (wire winding) and think it is interesting. The money is important and the work is something you can do without being a college graduate."



ANNE CHECK, Secretary: "Having a very deep interest in the work you are doing and the co-operation of those you are working with. I type and enter orders, take dictation, etc. I am interested in plastics. It is something new that is coming up."



ALPHA SHIRA, Welder: "The two best reasons I can give are clean environment and good fellowship among the other workers in the plant."

(More answers on next page)

INQUIRING REPORTER

(Continued from preceding page)



CHARLES FULLER, Apprentice Machinist: "I enjoy creating and making things so I enjoy this kind of work. I am an apprentice machinist and I can make anything from tiny parts to pins for molds."



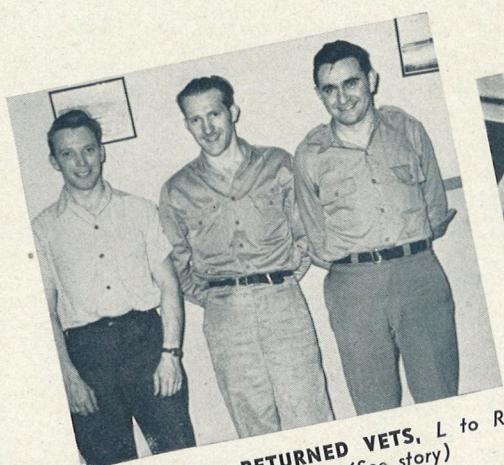
CHARLES G. PEARSON, Ribbon Mill Operator: "One is harmony between labor and management and the other is the personal interest which the Company takes in the employee's life —such as S.E.A. and the Savings Plan."



RICHARD GODELL, Maintenance Man, Molding Department: "The most important thing is to feel at home and to get everyone around working together and cooperating so that when

you ask for something, you can get it and if you have a question, you can get an answer."

EMPORIUM PARTS ORGANIZATION. Standing by a Waterbury Farrell lock-in base fabricating machine are, L to R: James B. Sullivan, Foreman Metal Fabrication; Carl Streich, Supervisor New Developments; Ray Chapman, Supervisor Quality Control; Gus R. Ettle, Supervisor Mechanical Maintenance; Charles E. Schell, Manufacturing Superintendent; Fritz Lundin (operator of the plating machine); and Clint Felten, Supervisor of Plating Operations. Concealed behind machine is Margaret Cooney feeding in parts.



JAMESTOWN RETURNED VETS. L to R, Reed, Furlow and Shelley. (See story)



VERY FINE FILAMENT WIRE is checked through a "washing machine" by a Warren worker.

JAMESTOWN VETS

Ernest Reed was a Corporal in the U. S. Army Field Artillery and served in France, Belgium and England. He has Battle Stars for the Bulge, Central Germany and the Siegfried Line, also a Bronze Star.

Walter E. Furlow was a Technical Fourth Class Sergeant in the U. S. Army Engineers serving in the Caribbean.

William Shelly was an Army Captain who served in Africa, France and Germany. He had Battle Stars for the Rome-Arno Campaign in Southern France.

in number of employees and has 90% women as compared with Emporium Parts' 30%.

Just to give you an idea of the numbers involved, the Jamestown Plant sold a million radio tube micas (used to hold all the pins, etc., in place) per day in February.

Quality and accuracy must reach amazing levels at Jamestown where millions of holes are punched a day that are only 16/1,000ths of an inch in diameter. And they have to be perfect since a good mica is essential to the quality of the radio tube in which it is used.

Raw mica for Jamestown is bought from private importers and comes chiefly from India and Brazil.

THEY'LL PUT IT IN THE BEAM. Jamestown Reporters, L to R, front row: Mary Conti; Helen Wilson, Personnel; Esther Burkland. Back row: Alton Johnson, Photographer; Mary Restivo; Erzilia Barnes; Barbara Sutton and Doris Olson.



SIMPLIFIED. The radio tube cage was once made in three operations; two pieces were made and then put together.





SYLVANIA'S WELD AND WIRE PLANT in Warren, Pennsylvania.

THE WARREN WELD AND WIRE PLANT

One of Sylvania's most attractive plants is the main Warren Weld and Wire Plant located in northwest Pennsylvania. Plants No. 2 in Warren and No. 3 located in the suburb of Clarendon are part of this operation.

Wire parts of all sizes from $\frac{1}{4}$ " right down to fine wires the fraction of a size of a human hair pour out of Warren every day. Warren plants specialize in close tolerance wire, many sizes being made with diamond dies. Fine, narrow ribbons which we hold to unbelievably

close tolerances, nickel-coated wires and plated wires of all types, special alloy wires and parts made from them are designed and manufactured in great variety.

Art Chapman, who came with Sylvania at Emporium, Pa., in 1933 and became General Foreman of the Receiving Tube Plant eight years later, is Manager of the Warren activity. He is a native of Michigan and worked with GE and RCA before coming with Sylvania. Reporting to him are: R. P. Clausen, Manufacturing Superintendent, Plastics Plant; R. H. Alexander, Supervisor of

Equipment Design; T. E. Gannoe, Supervisor of Construction and Maintenance Shop; G. C. Andrews, Supervisor Plant Accounting; R. F. Marlin, Supervisor Production Control; A. E. Wrhen, Purchasing Agent; R. C. Schumacher, Supervisor Personnel; R. A. Juusola, Supervisor of Industrial Engineering; E. C. Slick, Supervisor of Quality Control; F. D. Alexander, General Foreman, Welds and Small Parts; R. E. White, General Foreman, Wire.

Now it is made in one operation and customers benefit by two-thirds saving in cost.

MARJORIE MILLER AND ANGELINE SAVOCA fabricate mica parts in the Jamestown Plant. Robert Begley, Supervisor, is in the background.



JAMESTOWN SUPERVISORY GROUP. L to R, front row. Albert Lawson, Tool & Die Specialist; Richard Bennett, Supervisor Equipment Design; Regis Vogt, Plant Superintendent; Relf Ripley, General Foreman, Machine Shop; Charles Curry, Machine Shop Foreman. Back row, Gerhardt Carlson, Supervisor Cost Accounting; Robert Begley, Mica Foreman; Lawrence Griggs, Machine Shop Estimator & Scheduler; James Green, Mica Production Supervisor; John Tobin, Supervisor Industrial Engineering; W. T. Eddy, Supervisor Production Control; W. J. Shelley, Supervisor Quality Control.



DAVE CURRIER, SUPERVISOR OF EMPLOYMENT FOR SYLVANIA (left) interviews Robert Ellis (center) and Victor Obrig of the Case School of Applied Science in Cleveland. Both are vets and both are married.



College Man Is Different Today

Sylvania Interviewer Finds He Is Likely To be a Vet, Married and More Mature Than His Prewar Counterpart

SYLVANIA'S college recruiting program this year reveals a number of remarkable changes, not only in the appearance of the typical college campus, but in the personality and attitude of the college student himself.

America's college campuses today are bursting at the seams. Minnesota, for example, has 28,000 on a campus that usually houses 12,000. The University of Illinois, with a normal enrollment of six to eight thousand, now has 13,000

and expects to have more in the fall. Almost every campus looks like a barracks. The University of Wisconsin is adorned with 500 trailers and even the ivy colleges of Harvard and Yale have standardized housing and Quonset huts crowding the regular dormitories.

On top of this, Sylvania's interviewers have faced unprecedented competition with perhaps as many as two dozen other companies represented by interviewers on the campus.

Some interviews have had to be conducted as double or even triple headers to take care of the rush. For industry today is seeking to build up its depleted stocks of top-notch, technically trained men.

Seventy-five percent of the college men interviewed today are veterans and about half of the vets are married.

David Currier, Supervisor of Employment of the Industrial Relations Department, is just now completing his

swing around a circuit of some 25 colleges. William Ganter, his assistant, has also covered a considerable group.

Currier finds that in addition to the greater maturity and average age of the students, they are far more skilled in the technique of the job interview than was the case formerly. They exhibit an amazing first-hand knowledge of Sylvania's products, its industrial relations and general management policies (such as our policy of decentralized operations). They come armed with their complete educational and work records and many have work experience gained in the service in radar repair and maintenance and work on radio and electrical equipment. They exhibit articles they have written for the school magazine.

The colleges themselves are cooper-

ating wholeheartedly with the men to help them get placed. Automatic class excuses to attend a job interview are granted in some colleges. Material on the company's financial standing, its products and its advertising are gathered in files made convenient to the students before their interviews. Other colleges have special seminars on job hunting technique.

Despite the fact that he handles from 20 to 25 interviews a day, Currier finds himself able to keep the records of the individuals straight. The greater maturity of the boys, he finds, is reflected in their higher grades although account must be taken of the fact that some of the married men who are also carrying jobs and very heavy schedules may necessarily have lower marks than single men with no responsibilities.

The percentage of scholastic failures is lower than before the war.

One of the interesting facts is that the veterans' wives are in many cases helping to support them by jobs as waitresses, clerks, hairdressers, stenographers, etc. In fact, the GI income dollar has been analyzed at one college as follows: 42¢ from the government; 52¢ from wives' earnings; 6¢ from savings and part-time earnings.

The graduate of 1947 is a lucky guy contrasted to his older brother or uncle who got out of college in the early 30's.

During his trip, Dave Currier ran into several Sylvania boys who are doing postgraduate work. Dean Freed of Emporium and Warren Menke of Boston Electronics are both instructors at Purdue, and James Iske of Emporium is at Iowa State.

HAVE YOU A SUGGESTION?

43 Suggestions Win \$449

If you are one who thinks of a way to improve equipment or the working conditions in your plant . . . and then doesn't put the idea in the Company suggestion box, you're turning up your nose at some extra money.

You might as well spend a week's pay on a one-night fling . . . or put your money on the wrong horse.

On the other hand are the 43 Sylvaniaans who won \$449 for their suggestions this month.

Top winners were Raymond Skinner, who was given \$64 by the Company for improving equipment, and Harry Hoffman who received \$50 for his idea.

SUGGESTION WINNERS

DANVERS. Raymond Skinner, IE, \$64; John Shewbrooks, IE, \$5; Mario Berthoni, GI, \$5; Frances Faxon, IE, \$5; IE, \$3; Harold Schrempf, IE, \$5; Desire LeBlanc, IE, \$5; John Oleks and John Shewbrooks, SA, \$3.

EMPORIUM. Thomas Newton, IE, \$5;

Charles Wright, GI, \$5; Nea Acierno, IE, \$3; Leroy O'Hara, SA, \$3.

IPSWICH. Charles D. Bayley, IM, \$42; Weymouth Atkinson, IM, \$15; J. Cro-nin, IM, \$10; Lester Blaney, IE, \$10; SA, \$3; J. O'Rourke, IM, \$5; Henry T. Cowles, IE, \$5; W. Holland, IM, \$5; Alton Cookson, SA, \$5; R. Brockelbank,

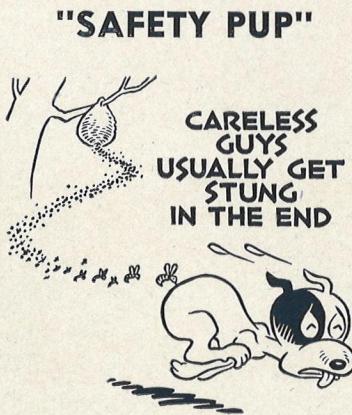
SA, \$3; Muriel Ricker, IM, \$3; Arthur Durand, SA, \$3.

KEW GARDENS. Arthur Andersen, ID, \$40; Harry Woods, IM, \$20, AA; Jack Rodenhauser, IE, \$7; John Mirabella, IE, \$4; Margaret Hunt, IM, \$3; Waltef Filling, GH, \$3.

MONTOURSVILLE. Harry Hoffman, IE, \$50; Freda Metzger, IM, \$25; Howard Miller, IM, \$10; Charles LeFever, GH, \$5; Bonnie Richards, I, \$5; IC, \$3; Peggy Rowe, IM, \$4; Teresa Mirto and Leona Williams, IM, \$3; John Burkhardt, IM, \$3.

TOWANDA. Francis Saxe, IE, \$15; IM, \$3; Ward Smith, IC, \$11; Harry Root, IE & SA, \$6; George Leljedal, SA, \$6; Olney Bullock, IC, \$3.

IC, Improved Conditions; IE, Improved Equipment; ID, Improved Design; IM, Improved Method; I, Improvement; GH, Good Housekeeping; SA, Safety; GI, General Improvement; AA, Additional Award.





HENRY COWLES lived 32 years in Puerto Rico.

FLOODS HIT WARREN

The worst flood in 34 years hit Warren, Pa., as a result of torrential rains that swept the area over the weekend of April 5th. Sylvania's Weld and Wire Plant was flooded, in parts to a depth of 3 feet. The official water gauge showed a height of 17 feet in the city.

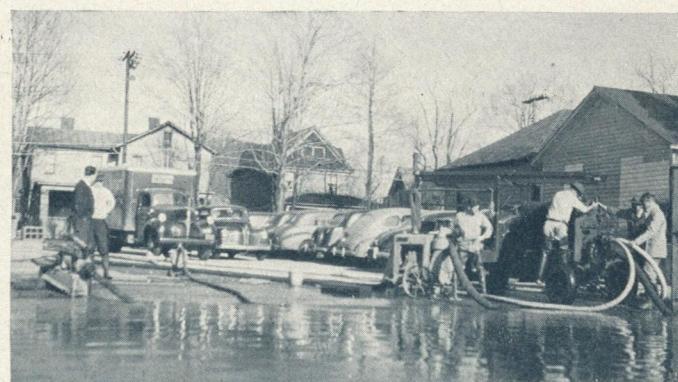
When the plant's warehouse was threatened by the rising water, Manager Art Chapman and a crew of volunteers obtained some trucks to remove the most perishable material to a safer place. But only 5 trucks could be loaded before water broke through the floor of the warehouse. The water rose an inch every 10 minutes and within a few hours was up to the men's knees.

Warren is situated at the junction of the Allegheny River and the Conewango Creek. The water backed up at the junction of the two streams and in the sewers of the city, but sandbags at all entrances kept the water out of the main plant despite the fact that it rose 6 to 10 inches above the inside floor level.

The maintenance crews were on continuous duty for 24 to 36 hours at a time. The men of the Office Section and Drafting Room volunteered to man the pumps and help in any way they could. The plant was back in operation on April 8th.



WARREN'S FLOOD WATERS swirl past the warehouse window, Saturday, 2 P. M.



500 GALLONS A MINUTE are pumped out of the Warren Wire and Weld Plant, Sunday morning.

ORCHIDS WERE HIS BUSINESS

A MAN who is an authority on horticulture—who raised orchids—who taught school in Puerto Rico for 32 years, is now a member of the Ipswich Fixture Plant's Ballast Department! His name is Henry T. Cowles.

Henry tells his story: "I embarked for Puerto Rico back in 1910, in the wake of a hurricane. I was going to the Island to teach Science and coach athletics there. In the years that followed I was to become Instructor of Horticulture at the University of Puerto Rico, travel to Cornell to attend the World Botanical Congress and to the University of Florida to study for my Master's Degree in Agriculture."

WROTE ORCHID BOOK

At one time Henry raised over 100 orchids brought from the mountains of Venezuela. Later he published a paper on "Growing Orchids" which was printed in Spanish. Henry had a collection of over 200 types of trees that grow in Puerto Rico, a number of which were sent to Syracuse University and Yale. His "Cultivation of Vegetables" was published in 1936 by the Extension Service of Puerto Rico.

"Puerto Rico," Henry says, "is a rectangular island with a mountain chain of volcanoes running the length of the island. The seaside climate is hot the year round. On the north side of the island, there are heavy rains every afternoon about 4, six months of every year. On the southern plain sugar cane is grown up to 80 tons per acre with the help of irrigation from mountain streams. The mountains are covered with Arabian coffee and beans; corn and sweet potatoes are grown on the plains skirting the shore. Hurricanes, the beauty

of a rainbow in a night sky, blossoms of the coffee shrub like a white blanket on the land, the silver tasseled sugar cane, the scarlet display of flame trees along a 500 mile highway, spell Puerto Rico to Henry.

Of interest to the townsfolk of Ipswich is the fact that Henry is a direct descendant of Dillingham Caldwell, the first white child born in Ipswich. His grandmother and grandfather started the Ipswich Seminary for Girls with Mary Lyons, who was later to found Mount Holyoke.

FLOOD LIGHTS

With the flood waters still rising in Warren, Doris Conklin's (Weld Department) car stalled on a submerged highway. A neighbor was helping stranded cars through the area with his tractor but while towing the Conklin car, the tractor slipped off the road and pitched the driver into the icy waters. He grabbed the limb of a tree before he could be swept downstream and secured himself till he was rescued by a group of men in a rowboat. In the warmth of a nearby inn and with the help of a resuscitator, he was soon recovering rapidly. In the meantime the Conklins were still marooned in the car. Before a rowboat came to their rescue the water had risen waist deep in the car.

During the flood a collie dog lost track of his young master and leapt from the Warren plant's submerged loading ramp into the swirling flood waters in search of him. The dog swam frantically to and fro until the boy was discovered safe in a nearby parking lot—whereupon he rushed from the water to the boy's side and proceeded to shake himself joyously . . .

GOOD JUDGE OF CANINES

Virginia Gulazian had her own kennel of Doberman Pinschers before she came to Sylvania. She also kept a stable in the Berkshires where she taught horseback riding! Virginia now works in Ipswich Fixture's Industrial Engineering Department.

Virginia became interested in dogs at an early age. As a child, she had for friends a Collie, French Bulldog, Great Dane and every nondescript mongrel she could inveigle her mother into keeping. At 14, she started her kennel of Dobermanns. Raising and showing Doberman Pinschers extensively throughout the East became her hobby. Her present

pride and joy is Chance Run's Apache, better known as "Jerry" to his friends.

With all this experience, Virginia became one of the youngest breed judges to hold a license from the American Kennel Club. She is to judge Dobermanns at the Ladies' Aid Club Show in Dedham, Mass., June 7th.

From hound to hoof—Virginia also has a fondness for saddle horses and trotters. In 1937 and 1938 she took her own string to a children's camp in the Berkshires where she taught horsemanship.

Virginia's job is mechanical drafting. During the war she worked in the Ap-



VIRGINIA A. GULAZIAN with her prize-winning Doberman Pinscher, *Niki von Dietrich*.

pliance Division and helped on the proximity fuze project. At the close of the war, she was with the Electronics Division until her transfer to her present job—Industrial Engineering.

Leon, Virginia's husband, works in the Metal Shop at Ipswich.

THE RED CROSS WRITES

Letter to Mr. Fred Fulle, Manager of Lowell Wiring Devices Plant.

Dear Mr. Fulle:

While waiting to see Miss Burke at the Lowell plant, Miss Kilpatrick of the Lowell Chapter read the February issue of the BEAM and brought me a copy so that I might read the editorial: "The United Nations and the Red Cross."

In behalf of the Lowell Chapter, I want you to know how pleased we were to see this article in your magazine. Such unsolicited assistance in building up good will toward the work of our organization is most gratifying.

Very truly yours,

MRS. FLOYD C. BEHARRELL,
Executive Director,
Lowell Chapter,
American Red Cross.

of its doubtful credit accounts but pay is getting slower from both manufacturers and jobbers. Almost everybody bought too much and now they are caught with big inventories and little cash. Some of the difficulty is of a temporary nature. People tend to buy anything they can get when materials are scarce but as soon as supply becomes normal, the tendency to overbuy tends to disappear.

SAILS FOR ENGLAND

Clarence Coon, Mechanical Maintenance Foreman of the Emporium Receiving Tube Plant has sailed to England to spend three months working in the plant near London where Sylvania styled tubes are being made. He left on the Queen Elizabeth, to consult and advise on mechanical problems pertaining to Sylvania equipment being installed there.

"SYLVAN CORPS" HAS A NEW JOB

The Sylvan Corps was the Danvers Plant's answer to its servicemen's plea for news about the plant and about home. With the end of the war, its job done, the Sylvan Corps was discontinued.

But word comes from Danvers that due to popular demand for its return, the paper will be revitalized now to carry timely news to Sylvania employees in Danvers.

ENGINEERING VETS

About every third man among the engineers and technicians now employed by Advanced Development is a veteran. There are a total of 181 men in the Kew Gardens Laboratory, including hourly as well as salary employees, and 50 of this number are veterans. Nine of those are former Sylvanians.—Mrs. A. H. Childers.

FATE OF REG YOUNG (a supervisor, Kew Gardens Lab) who came troupung to work with news that he was now a daddy, was this good natured kidding (see below) he took from his fellow Kew Gardenites. Deluging his desk were streamers, baby powder, rattle, diaper clips, lollipops and the like. Both Reg and his wife worked in Emporium at one time.



CREDIT SITUATION WORSE BUT LOSSES STILL SMALL

During the war and immediately after V-J day, a number of people got into the radio business operating on the proverbial shoe-string. Some took credit overboard and then found they could not pay their bills. Many are already out of business and others are in bankruptcy or on the verge of bankruptcy.

According to Ernest Larson, Division Credit Manager, Sylvania has so far been quite successful in collecting on most



EVELYN AND HAROLD BINGHAM, who spent the first leg of their honeymoon in jail — took the prank good naturedly.

JAIL NEARLY SERVED AS A BRIDAL SUITE . . .

. . . Pity the poor newlyweds who nearly spent their wedding night in jail!

Evelyn Nelson, Monitor in Jamestown's Mounting Department, married Harold Bingham on the afternoon of February 15th. Just as Evelyn and Harold rush from the church, waiting policemen pounce on the couple, hustle them into patrol cars—separate ones—and rush them to the local jail . . .

. . . and lock them in separate cells.

But as Evelyn and Harold are a law abiding couple, being understandably anxious to leave for New York and their honeymoon, and as the whole affair was just a gag anyway devised by Harold's fellow members of the local police force, the two were released before very long and allowed to continue on to New York, together.

DANVERS GETS ITS FIRST QUARTER CENTURY CLUB MEMBER



CHARLES NICKERSON, 25 years a Sylvanian, receives wrist watch from Frank Poor (right). Henry Callahan in foreground.

Charles Nickerson, head of Danvers' Shipping Department, is the first employee in the Fluorescent Division to become a member of the Quarter Century Club.

A party was thrown for Mr. Nickerson in the plant cafeteria. He received a Hamilton wrist watch, a fountain pen and pencil set, a combination radio and phonograph and a three-day trip to New York. Mr. Nickerson was hired in 1922. He is an excellent bowler—averages high in the Danvers League.

OTHER NEWS FROM JAMESTOWN

Jamestown welcomed John Tobin and his Boston accent as their new Industrial Engineer. In Boston Mr. Tobin was an industrial engineer in the Electronics Division . . .

. . . Joe Noll has left Sylvania after nearly 12 years of service with the Company. His new address: Rio de Janeiro, Brazil. Hasta luego, Joe . . .

. . . Don Mitchell, Sylvania President, was a guest speaker at the March meeting of Jamestown's Advertising and Sales Club. About 20 Sylvania employees attended the meeting . . .

. . . Betty Jane Hendrickson, first girl to be hired by the Jamestown Plant, has left the Sorting Department to move to a farm where her husband has taken a position. Her husband served six years with the Navy, earning the rate of Chief Machinist's Mate before being discharged . . .

. . . A group of girls in the Sorting Department have started a Birthday Club. When a birthday rolls around, they get together and have themselves a party including a gaily decorated cake, cookies, coffee, and a toast to the honored guest.

SPECIAL AWARDS TO KEW GARDENITE

Admitted to the National Society of Professional Engineers was John Parchman, Plant and Safety Engineer of Sylvania's Long Island area. Only 2019 engineers have been admitted to the National Society during its existence.

From the National Radio Institute, the "Beam" was notified that Arthur Bogart of the Emporium Plant has been awarded a diploma in Practical and Theoretical Radio and Television.

DID YOU KNOW . . .

. . . that Colonial Radio is the largest manufacturer of private brand radios in the United States? Production got under way in Colonial's new plant in Riverside, California, last month. Riverside is Colonial's second branch; the first being the Bloomington, Illinois Plant opened in 1944. The main plant is in Buffalo, New York.

DANVERS PRESENTS "THE SWANEE MINSTRELS"

Danvers' S. E. A. turned out a minstrel show for Sylvanians and folks from Essex County over the weekend of April 12th.

Interlocutor Pete Lotarski, Chairman Karl Bayley, top notch specialty numbers, a burlesque skit, and a chorus of 45 turned the production into a rollicking success.

Plans are being made to give a free performance at the Essex Sanatorium, a hospital caring for tubercular cases.

Weddings

BROOKVILLE

Miss Lois Barnett, Quality Department, to Mr. Carl R. Carrier, Roseville, Pa., on April 26.
Miss Ruth Haney, Mounting Dept., to Mr. Richard McManigle on March 29.
Miss Arlene Freas, Filament Dept., to Mr. Howard Taylor, Ringgold, Pa., on April 5.
Miss Olive Burkett, Filament Dept., to Mr. Jay Burns, on March 15.
Miss Dorothy Olson, Units Dept., to Mr. David Miller on March 30.
Miss Burnis Alcorn, Units Dept., to Mr. Gerald Hice on April 14.
Miss Irene Chester, Mounting Dept., to Mr. Eugene Wascovich, Reynoldsville, Pa., on April 12.
Miss Marie Sciamacco, Grid Dept., to Mr. George Dorworth, Reynoldsville, Pa., on April 7.

DANVERS

Miss Eleanor Ruth-Anne Sylvester, formerly with Base Filling Dept., to Mr. Albert T. Bovio, foreman of the Finishing Dept., on April 6.
Miss Concetta Maria Landolfi, Mount Dept., to Mr. Antonio Corte, Beverly, Mass., on April 6.
Miss Louise Wendell, formerly with Finishing Dept., to Mr. Armand Plourde, Maintenance Dept., on April 6.
Miss Blanche Swinarski, Quality Dept., to Mr. Pasquale Vertulo on April 13.

EMPORIUM

Miss Jean Marie Wiley to John William Moore, Jr., F 1/c, U. S. Navy, on March 14.
Miss Leoda La Borde, Units Dept., to Mr. Omar Doud, M. I. D., on March 15.

IPSWICH

Miss Marie Moynihan, Salem, to Mr. Henry Mozdziez, Metal Shop, on April 12.
Miss Gertrude Polls, Newburyport, to Mr. Richard Kelley, Receiving Dept., on April 5.

JAMESTOWN

Miss Edith Olson, Slitting Dept., to Mr. Gordon Wheeler on March 29.
Miss Violet Simmes, Quality Dept., to Mr. Willard Barger on March 29. Groom is employed by Poirier McLane Corp., Jamestown.

Miss Mary Ingrao, Sorting Dept., to Mr. Thomas Ortolono on March 1. Groom is employed by local Chris Craft Corp.

MILL HALL

Miss Barbara Peters, Units Dept., to Mr. William Heaton, Orviston General Refactories, Orviston, Pa., on March 21.
Miss Rhea Crawford, Units Dept., to Mr. John Guthrie, Paper Mill, Lock Haven, on March 6.
Miss Frances Pecchia, Grid Dept., to Mr. Kenneth Watkins, Units Dept., on March 22.
Miss Isabelle Fiedler, Filament Dept., to Mr. James Calhoun, Penna. Wire Mill, Lock Haven, on April 2.
Miss Velma Sheats, Grid Dept., to Mr. George Johnstonbaugh, Johnstonbaugh's Dairy Farm, on April 5.
Miss Myrtle Young, Mounting Dept., to Mr. Lloyd Etters, Piper Aircraft Corp., Lock Haven, on March 29.
Miss Dorothy Simcox, Mounting Dept., to Mr. Robert Spangler, Piper Aircraft Corp., Lock Haven, on April 4.

MONTOURSVILLE

Miss Roberta Green, Mounting Dept., to Mr. Morris Hollick on March 22.
Miss Cara M. Henry, Mounting Dept., to Mr. Carl Gower on March 28.
Miss Edith Welshans, Mounting Dept., to Mr. John R. Steele on April 5.
Miss Eleanor Page, Mounting Dept., to Mr. Harold Confer on April 16.
Miss Loretta Gleckner, Monitor, Mounting Dept., to Mr. Edward G. Shurer, Jr., U. S. Navy, on April 12.
Miss Gloria Payne, Sunbury, to Mr. Robert Orwig, Mounting Dept., on April 6.
Miss Mary Root, Grid Dept., to Mr. Jerry Grimes on April 5.

SALEM—BOSTON STREET

Miss Jennie Tavis, Sealex Stem, to Mr. Daniel Martinuk on March 7.
Miss Virginia Walsh, Special Stem, to Mr. James Gauthier, leather worker, on April 15.

Births

BAYSIDE

To Mr. and Mrs. Donald W. White, Jr., a daughter, Elizabeth Helen (6 lbs. 2 oz.), on March 18. Father is Metallurgist in Metallurgical Dept.
To Mr. and Mrs. Robert W. Hailey, a son, Robert Powers (6 lbs. 15 oz.), on March 25. Father is Metallurgist in Metallurgical Dept.

BROOKVILLE

To Mr. and Mrs. John C. Cummings, a daughter, Susan Elizabeth (7 lbs. 4 oz.), on March 29. Father is in Product Engineering.

CHICAGO OFFICE

To Mr. and Mrs. R. A. Bachhuber, a daughter (7 lbs. 9 oz.), on March 14.

DANVERS

To Mr. and Mrs. Mario Bertoni, a son, Mario, Jr. (6 lbs. 9 oz.), on March 14. Father is connected with Baking Dept.

To Mr. and Mrs. Edmund Geseck, a daughter, on March 31. Father is with the Flare Dept.

EMPORIUM

To Mr. and Mrs. Walter A. Weiss, a daughter, on March 17. Father is Division Manager of Quality Control.
To Mr. and Mrs. Benedict R. Weissenrieder, a son (7 lbs. 7 oz.), on March 27. Father, "Bennie," is Tool and Die Maker in Parts Shop.
To Mr. and Mrs. Charles D. Lupro, twins, daughter weighing 3 lbs. and son weighing 4 lbs., on March 31. Father is setup learner on four-slide machines.

FLUSHING—LAWRENCE ST.

To Mr. and Mrs. Donald Sutherland, a daughter, Virginia (5 lbs.), on April 17. Father is Supervisor of Policy Development in Industrial Relations Dept.
To Mr. and Mrs. Paul S. Martin, a son, George Trifon, on March 21. Father is a patent attorney in the Patent Law Dept.

IPSWICH

To Mr. and Mrs. Frank Leosz, a son, Ronald Frank (6 lbs. 7 oz.), on April 2. Father works in Assembly Dept.
To Mr. and Mrs. Emile Saulnier, a daughter, Cathleen Mary (6 lbs. 5 oz.), on March 22. Father works in Ballast Dept.
To Mr. and Mrs. John MacDonald, a son, Richard John (6 lbs. 8 oz.), on April 6. Father is Production Supervisor in Assembly Dept.
To Mr. and Mrs. Raymond Lavoie, a daughter, Diana Marie (9 lbs. 2 oz.), on March 26. Father works in Metal Shop.

JAMESTOWN

To Mr. and Mrs. George Smith, a son, on March 24. Father works in Design Dept. and was formerly at Colonial Radio, Buffalo.

MILL HALL

To Mr. and Mrs. Dean Royer, a daughter, Vicki Eileen, on March 12. Father is a supervisor of the Units Dept.

MONTOURSVILLE

To Mr. and Mrs. Charles Yocom, a son, Charles, Jr., on March 1. Father works in Mechanical Maintenance Dept.
To Mr. and Mrs. Chester A. Burch, a daughter, on March 30. Father is Supervisor of Electrical and Plant Maintenance.

SALEM—BOSTON STREET

To Mr. and Mrs. Wilmer Brown, a daughter, Denise, on April 1. Father is an assistant production supervisor in Sealex Finish Dept. and a returned veteran.

To Mr. and Mrs. George Tache, a daughter, Lorraine Ann, on April 5. Father is an assistant production supervisor in Special Finish Dept. and a returned veteran.

To Mr. and Mrs. George O'Brien, a son, Paul Francis, on April 4. Father is foreman of Sealex Dept.

TOWANDA

To Mr. and Mrs. William C. Bailey, Jr., a daughter, Sandra Kay, (7 lbs. 12 ozs.), on April 6. Father works in the Machine Shop.

WARREN

To Mr. and Mrs. Fred Shattuck, a son, (7 lbs. 14 oz.), on March 5.

PEOPLE



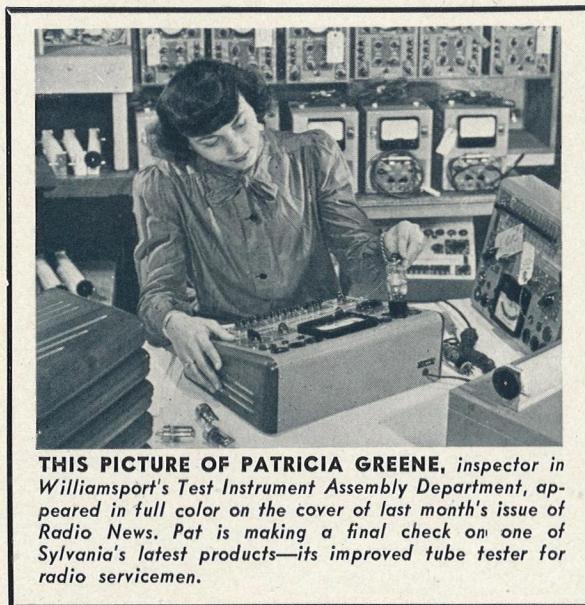
THESE FELLOWS ARE THE CHAMPEEN KEGLERS of Danvers. But brother, it was a struggle! Keran's Coconuts tied the thing up in the final match of the season, but Shackley's Doughnuts (above) were declared the winners by virtue of their greater piffall. L. to r., front: Roland Caron, James Maroney, Thomas Berran. Back: John Casey, Wilbur Shackley and Sam Malone.



SOME PEOPLE HAVE ALL THE LUCK! Montoursville's S.E.A. held a drawing to determine to whom they would give an electric iron, a radio-phonograph set and a refrigerator. Above, lucky girl, is Evelyn Brown who has to make room at home for the refrigerator.



RUTH PETERMAN of Montoursville's Mounting Department won the electric iron raffled off by the S.E.A. The radio-phonograph went to a girl not employed by Sylvania.



THIS PICTURE OF PATRICIA GREENE, inspector in Williamsport's Test Instrument Assembly Department, appeared in full color on the cover of last month's issue of Radio News. Pat is making a final check on one of Sylvania's latest products—its improved tube tester for radio servicemen.



50 YEARS YOUNG is Mrs. Olive Underwood of Jamestown's Quality Department. She is the mother of two sons and a daughter, to say nothing of two grandchildren.



PAUL LAVALLEY, Chemist, is testing paint remover fixture the Product Engineering Department of Ipswich is developing for the paint industry. More appropriate props for the picture might be a chef's hat and a hungry gleam in Paul's eye.



IPSWICHIAN Supervisors gather for a confab. L to r: Phil McCraven; Harlen Durkee; Phil Viladenis; Dick Tache; and Jim Regan, Foreman.



IPSWICH IS PROUD of its newly designed HF-100 fluorescent fixture (left). It replaces the old model, that was run off the assembly lines in 1939. And speaking of design, meet Charlotte Lyman, left, and Shirley Heaphy, right.

ORGANIZATION ANNOUNCEMENTS



Howard Biggs

MR. HOWARD BIGGS, former Chief Engineer of the Electronics Division, was appointed Chief Engineer of the Lamp Division as of April 10, succeeding Dr. Roland M. Zabel who has resigned from the Company.

Howard Biggs headed up the research and development end of the Lamp Division before the war and then devoted his entire time to the development of war products, particularly those having to do with radar. He has a number of patents in various fields.

Mr. Biggs joined Sylvania in 1927 at the Boston Street plant and is a graduate of the Massachusetts Institute of Technology. He is a member of the Institute of Radio Engineers, the American Physical Society, the American Institute of Electrical Engineers and the Illuminating Engineering Society. He is a native of Gloucester, Mass., and makes his home in Beverly.

* * *

MR. G. E. OSGOOD has been appointed Merchandising Supervisor of

Sylvania products for the International Division. He will be located at 50 Broadway, New York City, and will report to Mr. Walter A. Coogan, Director of the Division. Mr. Osgood will be responsible for merchandising activities on all Sylvania-manufactured products. He is an alumnus of the University of Maine and Harvard Business School and joined Sylvania in 1941.

* * *

MR. CLARENCE E. ARMSTRONG, JR., has joined the Towanda Tungsten and Chemical Division as a Junior Engineer in the Chemical Laboratory. Mr. Armstrong was formerly connected with B. F. Goodrich Co., Akron, Ohio, and joined the Company on March 3.

* * *

MR. K. L. MASON has been appointed Sales Service Supervisor of Incandescent Lamps.

MR. RAY SOBOCINSKI has been placed in charge of Fluorescent Sales Service. Both Mr. Mason and Mr. Sobocinski report to Mr. F. R. Smith, Sales Service Manager.



J. K. McDonough

MR. JOHN K. McDONOUGH, formerly Director of Purchases, has been appointed Assistant to the Vice President in charge of Operations at Colonial Radio Corp. He succeeds Mr. J. Clark Ryan who resigned to go into business for himself.

MR. JAMES H. DRAY, formerly Assistant to the Vice President in charge of Operations, has been appointed Director of Purchases, succeeding Mr. McDonough.

* * *

MR. JOHN R. KLEES has been appointed Assistant Credit Manager of the Radio Tube Division, reporting to Mr. Ernest P. Larson, Credit Manager. Mr. Klees will also continue to serve as Supervisor of Tube Division Accounts Receivable.

* * *

MR. ROBERT RINEHULS has been placed in charge of the Cost Accounting Department at the Mechanical Development Plant at Emporium, according to an announcement by Mr. Herman Melzer, Manager.

SYLVANIA POLICY FILE

No. 309 (Revision 2)—An excerpt from the Policy and Standard Practice Manual. These policies are formulated by Sylvania's Management and issued by Industrial Relations.

SAVINGS AND RETIREMENT PLAN—ELIGIBILITY No. 309 (Revision 2)

1. Employees are eligible for membership in the Savings and Retirement Plan after these specific waiting periods.

Individuals hired up to the age of 35—3 years

Individuals hired between the ages of 35 and 40—2 years

Individuals hired over 40 years of age—1 year.

2. Employees who are separated from the Company accumulate time toward the S & R waiting period even though off the payroll, unless the reason for separation is (a) resignation, (b) dis-

charge without prejudice, (c) discharge for misconduct, or (d) if the absence is for more than 18 months. Employees who are recalled or rehired after layoff, and the waiting period has been completed, are eligible for membership as of the date of rehire.

Parts Made of Mica

Mica parts to hold the basic elements of a radio tube in place are manufactured in fantastic numbers and at remarkably low cost in Sylvania's Jamestown, New York, Parts Plant.

These parts are stamped out with tiny holes, some only 16/1,000ths of an inch . . . so tiny that they are almost invisible to the normal eye.

Careful designing and production of manufacturing tools is a part of the job of making radio tube parts, switch clips, bantam tube base shields, parts for radio receiving sets, automatic record changers, etc.

One machine in Emporium turns out 26,600 parts an hour. The plant made 1 billion, 500 million parts in 1946.

