

ELECTRONICS THE NEW SCIENCE INVISIBLE WORLDS



A WARTIME development, destined to be used in peacetime on a wide scale by doctors in their fight against disease, is a new portable and simplified electron microscope (lower left photo), ten times more powerful than the best light microscope. Developed by General Electric scientists, the new instrument is being produced for essential laboratories engaged in medical and industrial war research. Heretofore "invisible worlds" will be explored with the new microscope which "shoots" electricity (electrons) through the specimen to be studied and produces a greatly magnified image of the specimen on a small fluorescent screen, like the screen in a television set. For example, six of these jagged (lower right photo), shown

here magnified 10,000 times by the new microscope, protrude from the tip end of a mosquito's stinger. As they drive into the skin and reach the blood stream, they close in, forming a tube through which the blood is drawn. Another example of the microscope's power lies in the fact that it can measure accurately particles as small as one millionth of an inch, or one thousandth the diameter of a human hair, according to Dr. C. H. Bachman of the G. E. electric laboratories. Today, harnessing the power of the infinitesimal electron, which is part of the atom, science is extending the range of intellect and senses to a degree undreamed of in history.

FASHION for today BY PATRICIA DOW



Victory Set Pattern No. 8346—The sloppy jacket and skirt outfit is certainly a smash hit with the young crowd. They love everything about it—the loosely hanging jacket with big patch pockets and buttons down the front—and the skirt with front pleat that gives plenty of leg room. Pattern No. 8346 is in sizes 11, 13, 15, 17 and 19. Size 13 jacket takes 1 1/2 yards 54-inch material, skirt 1 3/4 yards. Name: Address: Name of paper: Pattern No. Size: Send 15 cents in coin (for each pattern desired) to— Patricia Dow Patterns 206 W. 17th St., New York, N. Y.

ALL OUT FOR VICTORY

The government is asking you to store your winter supply of Coal NOW to save transportation for war material later on. So see us now for your next Winter Coal.

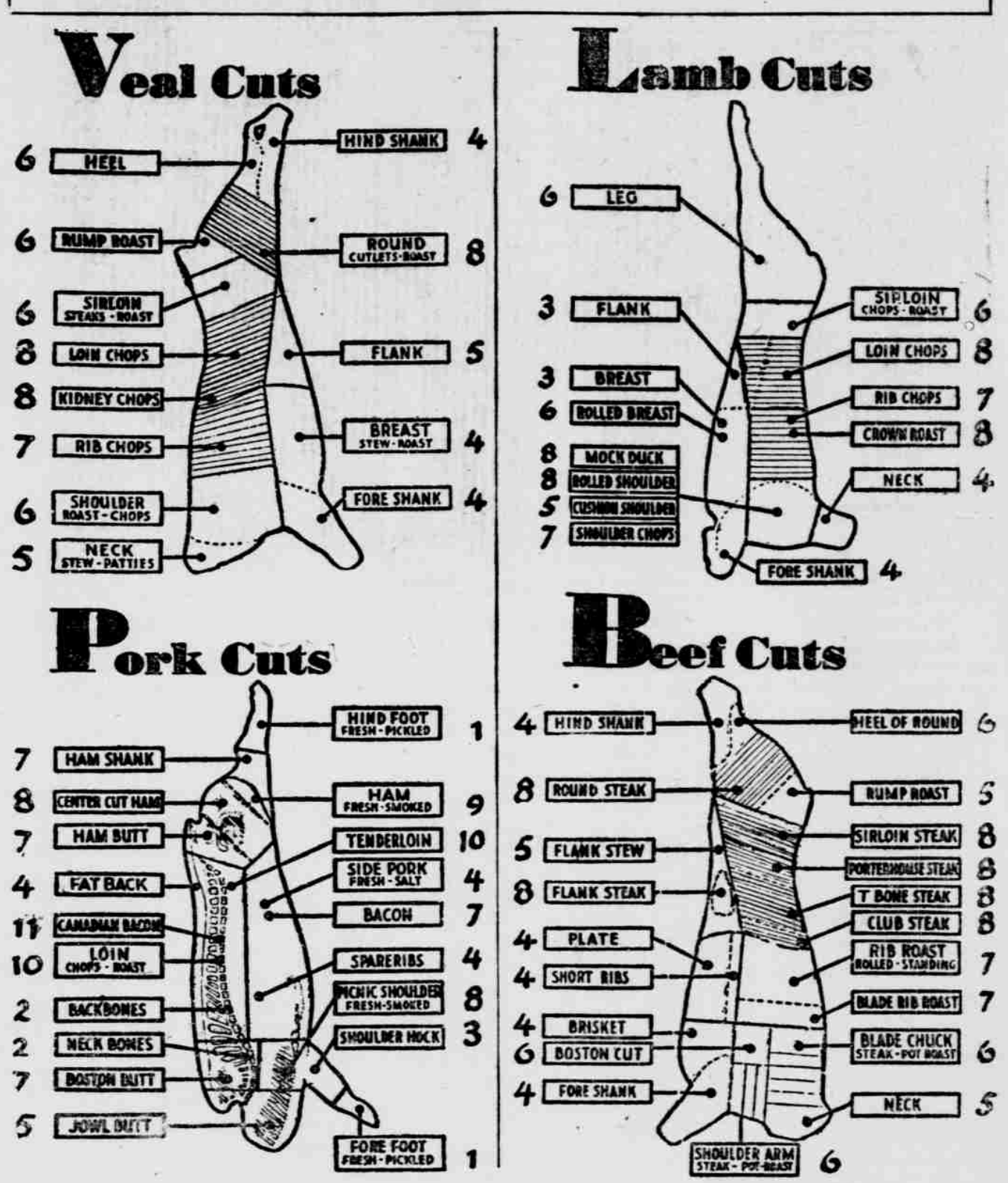
E. J. RICHEY Lumber Coal - Phone 128

MYNARD

Mynard Red Cross The Mynard branch of Cass County American Red Cross was given a quota of \$250 to raise for the war drive. Mrs. Ray O. Cole, who is chairman of the drive appointed the following captains for each of the seven districts: Dist. 9, Mrs. Oliver Meisinger and Mrs. Fred Heil; Dist. 91, Mrs. Henry Hild; Dist. 55, Richard Cole; Dist. 3, Mrs. Nellie Spangler and Mrs. C. C. Barnard; Dist. 25, Miss Kathleen Nolte; Dist. 27, Mrs. R. G. Kiser; Dist. 45, Mrs. C. A. Wetenkamp. These captains entered into their task with enthusiasm and soon raised not only the given quota but \$121.24 more. Their co-operation was very much appreciated by Mrs. Cole and the other officers of the branches. The following are the individual subscriptions:

- Phillip E. Tritsch family \$2.50 Mr. John Urish .50 Mr. & Mrs. Jake Tritsch 4.00 Mr. & Mrs. Otto Shafer 5.00 Mr. & Mrs. Oliver Meisinger 3.00 Mrs. A. H. Englekemeir 5.00 Mr. & Mrs. Wm. Kelly 2.00 Mr. Adam Schafer 1.00 Mr. & Mrs. Glen Terryberry 2.00 Mr. & Mrs. Franklin Wehrlein 3.00 Mr. & Mrs. Ernest Hild 2.50 Mr. & Mrs. Emil Novak 3.00 Mr. & Mrs. August Peterreit 2.00 Mr. & Mrs. Philip Shafer 5.00 Mr. & Mrs. Dan Terryberry 2.00 Andrew Alexen 1.00 Lucille Essert 1.00 Mr. & Mrs. John Alexen 1.00 Mr. Clifford Cooper 1.00 Mrs. Chester Lagerstrom .50 Gladys Kasson 1.00 Mrs. Ruth Porter .50 Mr. & Mrs. John Fischer 2.00 Mr. & Mrs. John Terryberry 2.00 Chester Sporer 1.00 Mr. & Mrs. Jessie Adams 1.00 Dan Hoscher 1.00 Mr. & Mrs. Fred Heil 2.50 Mr. & Mrs. L. O. Leyda 5.00 Mr. & Mrs. Albert Hennings 2.00 Mr. & Mrs. Arthur Toman 5.00 Mr. & Mrs. Herman Hennings 2.50 Mr. & Mrs. J. J. Toman, Sr. 5.00 Mr. Fred Geis .50 Marie, Ed & Bill Fitzgerald 5.00 Mr. & Mrs. H. E. Heil 2.50 Mr. & Mrs. John W. Stones 3.00 Mr. & Mrs. V. Friedrich 2.00 Mr. & Mrs. M. M. Toman 2.00 Mr. Bill Friedrich 1.00 Cecil Amick 1.00 Mr. & Mrs. Henry Hild 5.00 Mr. & Mrs. Sherman Cole 5.00 Mr. & Mrs. Ralph Gansemer 5.00 Richard Cole 2.00 Mr. & Mrs. Jacob Kraeger 5.00 Mr. & Mrs. Albert Wetenkamp 5.55 Mr. & Mrs. Herbert Franke 2.00 Mr. & Mrs. Myron Wiles 10.00 Mr. & Mrs. Otto Lutz 4.00 Floyd Fulton 1.00 John Lutz 2.00 Mrs. Jessie Smith 1.00 Mr. & Mrs. Harry Wilson 2.00 B. W. Livingston 1.00 Pauline Wilson .50 Grace Livingston 1.99 Mr. & Mrs. Art. Wetenkamp 5.00 John Beckman 1.00 Albert Snell 1.00 Mrs. Marvin Goff .50 Mr. & Mrs. Royal Smith 2.50 Mrs. Thos. Grosshans 1.50 Mr. & Mrs. Ruel Sack 5.00 Mr. & Mrs. H. Meisinger 5.00 Mr. & Mrs. Joe Pipal, Jr., 3.00 Mr. & Mrs. Virgil Perry 2.00 Mr. & Mrs. Ray Abel 2.00 J. H. Wooders 1.00 Mrs. Maggie Gobelman 2.00 Mr. & Mrs. Louis Kief 3.00 Mr. & Mrs. C. L. Wiles 5.00 Mrs. Charlotte Fulton 1.00 Mr. & Mrs. Howard Wiles 5.00 Pupils of Dist. 3 1.35 Mr. & Mrs. Glen Wiles 5.00 James Newburn 1.00 Mrs. Frank Dill 1.00 Julius Pitz 1.00 Mynard Home Makers 2.84 Mr. & Mrs. Chas. Barnard 5.00 Mr. & Mrs. Elbert Wiles 5.00 Frank Topliff 1.00 Golden Rod Study Club 10.00 Louise Vallery 1.00 Mr. & Mrs. Charles Taster 2.50 Grace Vallery 1.00 Mr. & Mrs. Raymond Cook 5.00 John Hild 1.00 Mrs. Minnie Cook 2.00 Mr. & Mrs. Glen Kraeger 2.50 Neil Dreamer 2.00 Owen Willis 1.00 C. L. Jean 1.00 Mrs. Ed Ruffner 1.00 Mrs. Gawehn 1.00 Mr. & Mrs. W. F. Nolte 3.00 Mr. & Mrs. Louise Naeve 5.00 Joe Safarik 1.00 A. O. Ramage family 10.00 Mr. & Mrs. Paul Long 2.00 Mr. & Mrs. Art. Troop 5.00 Mr. & Mrs. Jack Vallery 5.00 Donald Nickles 1.00 Eugene Nolte 1.00 Mr. & Mrs. Rich. Spangler 5.00 Dorothy Ruffner 1.50 Mrs. Caroline Cole 2.00

HERE'S WHAT YOUR POINTS WILL GET



Here is how the housewife will spend her meat points. The number alongside the description of the part of the animal indicated is the number of points to be surrendered for each pound purchased.

- Leonard Harver 2.50 Mr. & Mrs. J. R. Tremble 5.00 Mrs. Nellie Spangler 5.00 Mr. & Mrs. A. W. Leonard 5.00 Mrs. Minnie B. Hill 2.00 Chester Wiles 1.00 Verner Hild 1.00 Mr. & Mrs. Roy Cole 5.00 Mr. & Mrs. Wm. Kraeger 2.00 Mynard Aid Society 1.00 Robert Willis 1.00 Mrs. Addie & Helene Perry 5.00 Ray Leonard 1.00 Mr. & Mrs. Ralph Wiles 4.00 Ferd Nolte 1.00 Kathleen Nolte 1.00 Mrs. Geo. Topliff 1.00 Henry Englekemeier 1.00 Bernard Meisinger 1.00 Mr. Younger .50 Mr. & Mrs. Harry Neilson 5.00 Mr. & Mrs. Robert Kiser, Jr. 5.00 Mr. & Mrs. H. G. Meisinger 2.00 Mrs. Ed Meisinger 1.00 Donna Ferne Meisinger 1.00 J. A. Kiser 1.00 Mrs. Joe Dirscherl 1.00 Mr. & Mrs. Carl Kraeger 2.00 Mrs. W. R. Carey 1.00 Mrs. W. H. Heil 1.00 Beulah Kiser 1.00 Mrs. Albert Kraeger 1.00 Mr. & Mrs. R. G. Kiser 8.00 Total \$371.24

- General Ramey Missing Gen. MacArthur's Headquarters, Australia, April 3. (UP)—Brig. Gen. Howard K. Ramey, 47, commander of the Fifth bomber force, is missing in action, a communique said today. Gen. Douglas MacArthur announced that Ramey's plane failed to return from a mission over New Guinea. His crew also is missing. Ramey, who was from Fresno, Cal., is the sixth high ranking officer set down on the casualty list in the southwest Pacific since the war started. One of the others was killed, one is missing and three were wounded. "General Ramey distinguished himself during the campaign by his outstanding courage, skill and leadership," MacArthur's statement said. "His loss causes deep sorrow throughout the southwest Pacific." Ramey, who was born in Mississippi, took over the Fifth bomber command in January.

FOR SALE An improved 160 Acres between Plattsmouth and Louisville. Good investment at \$75 per acre. Cannot duplicate this bargain. See



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HAIL Insure early—it costs no more and might save an early loss.

See INSURANCE AND BONDS DUXBURY & DAVIS PHONE 16 PLATTSMOUTH Office Over Soennichsen's Store

Husband at New Base

Mrs. Ruth McClanahan received word today from her husband, Pfc. Alan McClanahan, following his transfer to Tishomingo, Okla., where he will enter training in an army Air Corps School. Pfc. McClanahan's preliminary training was taken at Miami Beach, Fla. He reports that he likes his new location.

Moving to Omaha

Mr. and Mrs. Cecil Law and son, Norman, who have been residing at 425 Main, are moving to Omaha. Mr. Law, a watch repairer, has been employed there since February with the Adam Jewelry in the World-Herald building. He was formerly a shoe cobbler at the Standard Shoe Repair shop here.

Grocery Manufacturers of America PAUL S. WILLIS, President,

Goes to Air Force

Willard Nelson, high-school mathematics and science teacher and a member of the Air Corps reserve, received his call to service and will report Monday.

With 80 flying hours to his credit as the result of Civilian Pilot Training taken at the University of Nebraska, Nelson will enter the army as an aviation cadet for additional flight training at one of the numerous air bases.

Mr. Nelson has been a member of the school faculty here since January 1, at which time he replaced Miss Dorothy Lightburn who accepted a position in Beatrice. Since that time he has become popular with both his associate teachers and his pupils. Energetic in the performance of his educational duties, his loss will be greatly felt.

A Cass county man, Mr. Nelson graduated from the Nehawka high-school. Later he graduated from Nebraska Wesleyan College. Before coming here, he taught at Murray, his home town, where his father, the late Harry Nelson, was a partner in a hardware and implement business.

District Court Notes

In the office of the clerk of the district court an action has been filed entitled W. T. Raleigh Co., vs. G. C. Rhoden, first real name unknown, et al. This is a suit on a note.

Called Home By Death

Pvt. Leonard Brothers, stationed at Miami, Florida, with the Air Corps, will arrive today or tomorrow to attend the funeral of his father, Andrew Brothers, who died at his home in LaPlatte Thursday.

Resigns Road Position

Joseph Sheehan, who has been the road overseer of Center precinct, has resigned the position and will engage in farming with his father, William Sheehan, Sr. The position that was formerly held by Mr. Sheehan has been accepted by Philip Flemming.

Home after Operation

Marjorie DeVoe, who underwent an appendectomy at the Clarkson hospital in Omaha Sunday, was returned yesterday to the home of her parents, Mr. and Mrs. L. S. DeVoe. The patient has responded excellently and a complete recovery is expected soon.

Spring School Vacation

Students of the Plattsmouth schools will breath sighs of relief earlier this year. Spring vacation will be observed Thursday and Friday, April 8 and 9. Usually the vacation is taken just before Easter, but the late date for the holiday this year is responsible for the new date, said Superintendent L. S. DeVoe.

For Businessmen The businessman who has merchandise or service to sell will profit highly through FREQUENT use of our printing service. A modern plant, skilled craftsmanship, economical charges—these mean printing that will help YOU sell more! The Plattsmouth Journal Buy the Plattsmouth Journal for War News—Buy Bonds for Victory!