

WHAT YOU WANT Classified FOR EASY REFERENCE.







this page you will probably fine exactly the thing you want to buy or sell . If it isn't there advertise . It's inexpensive, effective

RATES

Per word first insection. (Minimum 25c)

Per tine per month, without

Phone 75

FOR WANT ADS

LOST AND FOUND

STRAYED-Last Priday, 1 red sow 16

LOST — Large black shepherd dog. Reward, J. J. Spitzer, mile south Eagle Point on Crater Lake Hwy. LOST-If dog missing, call 1516.

WANTED-FEMALE HELP

WANTED — Girl for general house-work and care of child. Board, room end \$2.00 per week. Write, giving local references. Box 3764, Tribune.

WANTED-Girl for light housework.

WANTED-MALE HELP

MAN WANTED — A HUSTLER for Jackson county to handle surest, easiest selling articles. Go home every evening with mosey in your pocket. Experience not necessary, Good reputation essential. Write se, 617 Stock Exchange Bldg

WANTED-SITUATIONS

UNINCUMBERED middle-aged widow wants practical nursing or house-keeping. Box 4612

WANTED-MISCELLANEOUS

WANTED Stumpage three hundred cords fir and laurel, Box 349, Trib-

YOUNG gentleman desires transper-tation east; share expenses Clyde L. Stafford, Rt. 2.

WANTED-14 to 16 ft. motor boat: al so two 14 ft. light row boats. River-side Best Camp. Grants Pass, Ore. WANTED — Denations of clothing, household goods for the annual "Candle-lite" sale, Dec. 7th will be appreciated, Humane Society, Phone

CASH PAID for live poultry. Jo Prod. Co., 6th and Front Sta.

WANTED - To buy small modern home in Medford, terms like rent, FOR SALE—Must sacrifice Memorial by steadily employed party. Box park lot. Box No. 501, Tribune 384, Mall Tribune.

WHEN you think of real estate, think

WANTED TO RENT-Two room furn-taked house in city limits of Med-ford Must be cheap. Box 308. Mail

FURNITURE re-upholstered. Phone 969-R. Thinault.

WANTED-Warrants Redden & Co WANTED-Household goods, stores tools or what have you. Medford Bargain House, 27 N. Grape St. Tel 1062.

HIGHEST PRICES paid for furs, hides and pelts Medford Bargain House 27 No. Grape. Tel. 1062.

JUNK WANTED
We pay cash for JUNK BATTERIES
A N D RADIATORS ALUMINJM
BRASS COFFER and junk of all

descriptions MEDFORD BARGAAIN HOUSE 27 No Grape. Tel 1062

FOR RENT-FURNISHED ROOMS

POR RENT-Attractive sitting room and bed room. Suitable for two adults. 620 So. Oakdale.

POR RENT-Furnished sleeping room Also apt Call 1808-W. POR RENT-Furnished sleeping room

POB RENT-Nicely furnished rooms and garage storage at moderate rates by week or month 32a South Riverside avenue

FOR RENT-HOUSES

POR RENT—Small place west of How-ard acbook. Inquire W. P. Garrison, 838 W. 2nd St.

FOR REST-931 Queen Anne Ave.

POS RENT Holly Court No. 3, 419 POS SALE-1 ton Weste chain ble k
W 2nd 839 W. 11th, 1904 E Jackson, 1113 E 18th Call Jackson Coslidg & Loan Association, 195, after
a call 1670.

FOR RENT-House at 327 Maple St. eith stores, electric refrigerator me plano; 3 bedrooms. Adults injuire 124 Bo. Grape.

Fort HENT-Small rurnished house, 413 Woodstock: 4 rooms, bath and arreen porth, garage, C. A. DeVoe, 523-3-2.

FOR RENT-HOUSES

FOR RENT - Homes furnished of unfurnished Brow, & White FOR RENT-APARTMENTS

FOR RENT-Modern 3-room spart-ment with perch. Very reasonable Call Apt. 2, 2221/2 E. Main

FOR RENT-Large and small fur-ed apartments. 706 So. Oakdal PURN. apt. 229 No. Ivy.

FOR RENT-ROOM-BOARD BATES very moderate at 716 E. Main ATTRACTIVE rooms 404 S. Grape.

MISCELLANEOUS

BACHELOR CABINS-445 S. Front.

POR RENT-Room 18x80 adjoining Mail Tribune Job Department, on Grape street Will remodel to suit permanent tenant. Phone 75 or appermanent tenant. Phone 75 or apply at Mail Tribune (newspaper) of-floe.

FOR RENT - Holly Court. No. 3 Jackson Co. Bldg. & Loan Astn Phone 198.

FOR EXCHANGE

FOR SALE OR EXCHANGE-Apple

SEVERAL tons of corn to trade for

FOR EXCHANGE—Chev. pick-up for equity in coach or sedan. Tel. 564-R POR TRADE-2 double beds, good aprings, mattresses for twin beds or day beds. Rt. 1, Box 348, Medford FOR EXCHANGE - 1929 model A Ford sedan and 2 lots in Mediors for late model Ford V-8 Tel 407-Y

EXCHANGE Furn. re-upholstering for lumber, wood, fish poles and reels Phone 969-R.

FOR SALE OR TRADE—White dec tric sewing machine for light se dan Box 638, Tribune.

FOR EXCHANGE-REAL ESTATE

FOR SALE-REAL ESTATE

ABOUT 10 miles from Butte BOUT 10 miles from Butte Falls, in Medford City Water shed, 240 scre, about 25 scres in cultivation, 50 acres ready for plow, ideal for gran-ing. Small cabin. Price \$10.00 pe

FOR SALE-14, acres and modern house on Highway I mile South of Talent. Property coat \$3200. Will sacrifice for only \$1300. See Mr. Kerr, owner on place or G. C. Pierce, Medford.

POR SALE 60-acre mountain ranch improved, Free water, O. E. Prey, Lake Creek.

SALE OR TRADE-40 to 120 acres wood and timber, also stumpage, 50c cord. Left fork Griffin creek,

Davis ranch

WHEN you think of real estate, thin of Brown & White.

A BARGAIN-My large lot, on Bon-nett St., excellent soil, fruit, nut trees and berries. Will sacrifice on terms or cash. Box 56, Tribune

HOUSES FOR SALE OR RENT-Jack son County Building & Loan Ass'n

FOR SALE-LIVESTOCK

FOR SALE—Weaner pigs: 9 geese for sale or trade. W. W. Large, W.; liams, Ore.

FOR SALE-Weater pigs 1120 West 2nd. FOR SALE-Jersey cow. Cheap 830

FOR SALE-POULTRY

FOR SALE-Toulouse ggose, R. I. Red cockerels or trade for 1/2 H. P. mocockerels or trade for 1/2 H. P. tor. Marx Acres. Phone 14-F-4. FOR SALE—Young pullets, Mrs. D. J. Steiner, Rt. 2, next to Howard school.

PURE Bronze toma Cockeran's prize atock #5. Jessa Nell Rt. 1, Ashland

FOR SALE-AUTOMOBILES

USED CARS
Chrysler and Plymouth Trade-ins
LOW PHICES
With 1938 Lizense.
1934 Plymouth DeLuxe Bedan
1938 Plymouth Sedan
1932 Plymouth 4 Sedan
1934 Cherrolet Town Sedan
1939 Ford Model A Town Sedan
1939 Pord Model A Town Sedan
1939 Cherrolet Coupe
Anystragogs Modelet (1938
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Anystragogs Modelet (1938)

ARMSTRONG MOTORS, INC. 38 No. Riverside Tel. 18

FOR SALE-MISCELLANEOUS

Off SALE-1 for weeks cate the second of the

FOR SALE-MISCELLANEOUS

WHEAT or feed oats, \$1.50 cwt: ground parley end affairs hay, \$12.50 ton. C. A. DeVoe, 3 miles west and 5 mile south of Medford. Phone \$28-3-2.

POR HIGHEST QUALITY pear trees peach, apricot, cherry, apple, al peach, apriot, cherry, apple, simond, filbert and wainut trees,
roses and shrubs at lowest prices.
Phone 831-R-2, or call at W. B.
Barnum's 3 miles south of Medford
on hwy next to Ever Shady Auto
Camp Cariton Nursery, Cariton, Or.

FURS

Sash paid for furs hides, pelts

Johnson Produce Co. 6th and Front

PORTRAITS, Christmas cards, kodal finshing, very reasonable. E. Hay-den Jones, 607 West Second. Phone 1253-M. Hours 11 to 7.

TURKEYS AND POULTRY DRESSED and delivered at your reach. Phone 403-J-1.

DRY WOOD-50 tiers laurel, 50 fir 515 Petinsylvania.

GRAIN SACKS - Jackson County Feed Co. 4th and Sartlett Sts. POR SALE Sand, gravel, lawn dirt fertilizer, teaming, Phone 912-J. POR SALE-White sewing machine Angora rabbits \$14 Willemette. FOR EXCHANGE-30-30 Carbine val-

ued at \$20,00 for light car Across from Medford Riding Academy. MISCELLANEOUS

TANO TUNER D. C. DURHAM, rest-dent phone 392 or write P. O. Box 838.

5 YOUR HEARING IMPAIRED?have for sale or trade a late model Accusticon which has so benefited my hearing that I have no further use for it. T. N. Kerr, Talent, Ore

BOAT TRAILER. Cash Register A.dd ing Machine, Typewriter, Boots Shoes, Hunting-Pishing Equipment 317 North Riverside.

KINDERGARTEN—Sparts Bldg Musi and dance Phone 1545 or 1256-W Buth Luy—Alice Holmback

BUSINESS DIRECTORY

Abstracts



Abstracts of Title and only complete Title System in Jackson County.

MURRAY ABSTRACT CO.-Abstracts of Title Rooms 3 and 5. No. 32 North Central Ave., upstairs. Rights Phone 1015-Y.

Ing. Substitute Agency, INC.

CHARLES A. WING AGENCY, INC.

(Exclusive Agents)

M. A. BLISS—Painting and paper Hanging Tel 646-W 313 S Grape

PERSONAL

DENTISTRY-Dr. L. H. Gove. 235 E. Expert Window Cleaners ET GEORGE DO IT - Fel 1172 House Cleaning Floor Waking On ental rug cleaning and upholatering

Money To Lend

MONEY LOANED ON FURNITURE. CARS ETC Prompt service and le-gal rates. W. E. Thomas, 45 9 Central State livense No. 8 157

FOR SALE—Used sewing machines, makes, terms if desired. All makes rented and repaired, White Sewi Machine Co. 24 N. Bartlett. MONEY LOANED on anything of ralue. Cecil Jennings.

EARS PHANSPER & STORAGE CO.— Office 1918 No. Central Phone \$15 Prices right. Service guaranteed. HAWLEY FRANSFER - Expert pack-ers and movers Special livestock moving equipment. Prices 14gnt 619 North Riverside Phone 1044-X

Wall Paper Cleaning. WALL-PAPER CLEANING to per sq ft Mr Black 510 N Bartlett.

LEGAL NOTICES

Notice to Creditors. In the County Court of the County of Jackson in and for the State of

original the Matter of the Estate of Jessel Housek, deceased.

Notice is hereby given that Kathryn Louck, the understined, has been buy appointed and now is the qualities administrative of the estate of how named decedent—All persons taking claims against said state are accept required to present the same with proper vouchtrate as and administrative at the office of her attorney. F. K. Hanns, at 32 North Central Avenue, Medical, Gregon, within its months from the date of this notice. Dated and first published November 2din, 1934. the Matter of the Estate of Jesus

Dated and the ber 26th, 1934 KATHRYN HOUCK.

Girl Takes Engineering Course DUBLIAM, N. C. — (UP) — For the second time in Duke history, a girl has enrolled in the Duke university selled of angineering, Size is the only co-cal among the 145 students in the selled. Her many is Miss Verna Bird.

FOR SALE—Baled alfalfa hay R4ward G Miller, i mile north of
Mediord on old Pacific highway,
CHRISTMAN TRACE

CHRISTMAN TRACE

CHRISTMAN TRACE

Will be possible next summer from CHRISTMAN TREES

Af wholesale. Any amount. All No

1. Martin Bros. 1 mile out Rect.

wood Huy Look for sign. Grants

Pass. Phone 551-J-1

Pass. Phone 551-J-1

Pass. Phone 551-J-1 FOR HENT 6-room modern bouse Pass. Phone 551-3-1.

In Martin Bros. I mile out set: the national highway direction wood Her. Tempore words they Look for sign. Grants before across from major streams or pass. Phone 551-3-1.

FOR SALE-Dand and gravel out pass. Hence will be completed order na pass. Phone 501-3-1.

OTHER NATIONS BOAST SIMILAR

Programs In Italy, Germany And Russia-Conception Of Political Party Is Said

By LYLE C. WILSON United Press Staff Correspondent

WASHINGTON, -(UP)- President Franklin D. Roesevelt is attempting hint, for instance, makes loans to in-

The New Deal is committed to pri- control over borrowing concerns. vate profit and therefore to the capitalistic system of economy. There are some similarities between Mr. Roosevelt's objectives and those of Hitler in Germany, Mussolini in Italy masses, to increase purchasing powand Stalin in the Soviet Union.

The Difference
Europe's foremost dictators and Mr.
Boosevelt differ first and most fundamentally in their conception of a
political party. In Moscow. Rome and Berlin the dominant party has been Berlin the dominant party has been merged with the state. The head of the state in each instance is likewise the head of the only political party which is recognized. There are no checks and balances in Italy for instance, as there are here in the functioning of the executive, legislative

and judicial branches of government.

New Deal planned economy embraces three major programs:

One—Control of agricultural production. natural resources.

Three-Supervised self-control of industry and commences to establish a community of interest between capital and labor.

40 Million Acres

Upwards of 40,000,000 acres of land are on the way out of production. The Tennessee Valley administration is developing that river drainage basis at toward what is expected to be atanopoint of hydro-electric power, ago and lost several front teeth, causes. The other great drainage basis are to be developed similarly. NEA set to be developed similarly. NEA set to be developed similarly. NEA comment. It has been a faulty misding and is in process of examination pointed toward legislative reorganization.

When Deal seeks industrial self-government. It has been a faulty misding to proceed the process of examination pointed toward legislative reorganization.

When Deal seeks industrial self-government. It has been a faulty misding to proceed the process of examination pointed toward legislative reorganization.

When Deal seeks industrial self-government is a outcome of much worther. This description comber the case since his relatives grow weary of buying clears for them. Encompto weary of buying clears for them. Charley is of normal height and has rosy cheeks, big brown eyes and las rosy cheeks, big br

New Deal redistribution of wealth

these programs:

One—Currency devaluation to entable debtors to pay creditors more cheaply in terms of gold.

Two—Social legislation for old age pensions and unemployment insurance.

ACROSS

Fruit of the

14. Declars 18. City in Michigan

13. Electric

24. Idollar 24. Idollar 25. Side of a triangle 26. Distant:

25. Distant;
predx
27. Garden plot
28. Regret
29. Take up again
22. City in the
Netherlands
Provails
Provails
Tried a
String por-

42. Promise

43 Agricultural
traplement
44 Symbol for
nickel
45 Long abusiv
speeches
46 Earliest

to. Liquor

ti The one de-ted Maying much in few words

RY

64. Religies 70. Smooth 71. Orinker 71. Flower

ing minimum wages and maximum nours of labor.

Pour—Protective legislation in general to protect the weak and the footish from the wise and the strong. Typical of this legislation are new bank regulations and the bill creating the Federal Securities and Ex-

Pederal spending.

Pederal spending for human relief and for public works to increase an ployment-prime the pump—are emergency phases of the Rosserelt

Mr. Rossevelt is by environment. champions the underdog. But h Most Radical Difference.

does not say that there shall be added in the private trade must be abolished.

By LYLE C. WILSON
United Press Staff Correspondent

does not say that there shall be added in the private trade must be abolished as in the Soviet Union.

There are remarkable similarities

between some government machinery in Washington and Rome. Musso-ALL MAKES of washing machines repaired. Finkin D. Rocsevelt is attempting limit for instance, makes coans to inspare paired. Fick's Hardware, 131 West is impose economic planning and custry through the industrial Resistant for impose economic planning and custry through the industrial Resistant for instance, makes coans to incommunity through the industrial Resistant for instance, makes coans to incommunity through the instances construction. In stitute, Mr. Rocsevelt through the Reconstruction Finance Corporation. In both listances government for the construction of the resistance of the resistance

masses, to increase purchasing pow-

SPRINGFIELD, Mo. - (UP) - Kip-

The matter was kept a family is in behalf of Mr. Rooseveit's "For-gotten Man."

The Programs under The under bought a cigar and It is taking place and projected by Cherley howled so loud he had to be

Three—Redistribution of industrial ning a risk of disturbing all the and commercial profits by establish-neighbors indefinitely." find a way to cure him without

Mail Tribune Daily Cross-Word Puzzle

Solution of Yesterday's Puzzle

Solution of Yesterday's Puzzie

BADBATON ERN
OWEAGORARUE
ALPCONDIMENT
ASKELAN
BELAN
BASKELAN
BELAN
BEL

6 9 9N

19

CESVAN 4. Lewered
Next to
OSEEGO
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CONTROL

CAN SERVEN
CONTROL

16

imed his shot. Senator McKellar of Tennesse, a Democrat, succeeded in having at-tached to the treasury-postoffice appropriation bill in the last congres a "rider" now under fire in the courts.

One—Control of agricultural proluction.

Two—Co-ordinated development of three-year-old Charley Cent Stiffler, whose addiction to nicotine is a mother from the prohibited payment of any treasury funds after December 1 to any employes dropped by the justice department between June 10 and Deputies and configers to extend the prohibited payment of any employes dropped by the justice and employes dropped by the justice department between June 10 and Deputies and configers to extend the prohibited payment of any employes dropped by the justice and employes dropped by the justice department between June 10 and Deputies and configers to extend the prohibited payment of any employee dropped by the justice and employee dropped by the justice department between June 10 and Deputies and configers to extend the prohibited payment of any employee dropped by the justice and the prohibited payment of any employee dropped by the justice and the prohibited payment of any employee dropped by the justice and the prohibited payment of any employee dropped by the justice and the prohibited payment of any employee dropped by the justice and the prohibited payment of any employee dropped by the justice and the prohibited payment of any employee dropped by the justice and the prohibited payment of any employee dropped by the justice and the prohibited payment of any employee dropped by the justice and the prohibited payment of any employee dropped by the justice and prohibited payment of any employee dropped by the justice and the prohibited payment of any employee dropped by the justice and prohibited payment of any employee dropped by the justice and the prohibited payment of any employee dropped by the justice and prohibited payment of the prohibite

Encouraged by the McKellar "rider" (it was only recently upheld by the comptroller general) Lamneck has served notice that patronage hences. Total monthly prec visions of the state apportionment

"Some states," he says, "have three 1934, 6.25 inches. Excess for the seaor four times as many jobs as they are entitled to, while others have Hired in a Rush

The civil service commission agrees with him. Lamneck says, that the state apportionment system is out of They blame it on condition which prevailed during the World rush. There were more jobs than applicants. Jobs had to be filled regardless of where people came from. Since then, the commission says,

It has refused to certify eligibles from states in excess when there were per-sons on hand from states still say of their quotas. Regardless of that, however, Lars-

neck is insistent that something be done. "Somebody's going to catch the devil." is the way he expresses it. With the McKeller "rider" as a precedent, he might make it embar-assing for the Democratic patronage

PAIR LONG WED

Mr. and Mrs. Perkins should know

how-they have been married for 62

years, and each affirms they were wedded happily.
Says the Mr.:
"Just because a man and a wo-man get married is no guarantee that each is going to see eye to eye on everything. The groom's a man

BY HUMMING BIRD LIQUOR SALES TURN

RERNVILLE, Cal. (UP)-His High-

often floating majestically high show the hills in this section, hung his head today and brooded.

The reason for his sorrow, according to H. M. Calkins, tools respectively. Calkins observed that mountains recently. Calkins observed the eagle perched high up in a pine tree, twisting about, flapping its great wings and giving ven't to an occasional equiswe." Approaching, it was discovered that the huge life was attacks of a humming hird, smallest of feathered creatures.

The David and Golisth battle evidently had been going on for some time. Calkins reports as the cases indicated.

Calvinand.—(UP)—Owners of all years one sixth this process. According to the lower lower had never a lower had been going to for some time. Calkins reports as the cases if the shouly in complete rout.

What Will the Answer Be?

JOB DISTRIBUTION Representative Lamneck, Democrat From Ohio.

Ready Open Fire On Un-

equal Patronage Handout

By HERBERT PLUMMER.

welt landslide of '32 swept him out of

Lamneck, however, aparently has

WASHINGTON .- One of the first igns of what the Democrata may be TESTING children with tubercu-lin is one of the modern meth-ods of fighting tuberculosis. This in for on a wholessie basts for a while as made its appearance.

It comes from Ohio (the state which elected "Honest Vic" Donahey boy is receiving the test, which is harmless and painless, and tells whether the germs of tuberculosis to take the senate seat of Simeon D are lodged anywhere in the body. In two days the doctor will know the answer. If it is "yes," the boy will be X-rayed to discover if any damthe past—so many, in fact that usu-ally scant attention is given them. Former Senator Smoot of Utah, dean of the senate before the Roosehis environment will be studied to learn if he is living with someone who has the disease. This is real preventive medicine—an attempt to

veit landslide of '22 swept him out of office, constantly was chiedel because there were so many people from Utah on both Republican patronage and civil service lists.

"Rider" May Help. tone actual harm.
The protection of children is one of the chief responsibilities of tuber culosis associations in their war against the disease. Their work is financed by the annual sale of

forestall tuberculosis before it has

Meteorological Report

December 3, 1934

Medford and vicinity: Medford, fair cember 31, 1933.

This "rider" has brought about the diamissal of some 980 employes of the treasury department. "Hoover Republicans," is the way McKeisr describes them.

Encouraged by the McKeisr and

Temperature a year ago today:

Total monthly precipitation, trace forth must be distributed under pro- Deficiency for the month 0.28 inches Total precipitation since Sept. 1.

> son 1.60 inches. Relative humidity at 5 p. m. yesterday 58 percent; 5 a. m. 100 percent.

Sunrise 7:23 a.m. Sunset 4:40 p.m. Observations Taken at 5 A. M., 120th Meridian Time

	mp.	duray	154	ttop	1
Bolse	36	30	-	Cic	nudy
Boston		84		CH	HAT
Chicago		36	.04	Ra	in .
Denver	30	14		Clo	nidy
Eureka	52	38		Ch	TAR
Helena 30		28	Cloudy		
Los Angeles	66	48		Cle	ME
MEDFORD	46	29	T	Cle	MAT
New York	50	36		P.,	Cdy.
Omaha	26	20	.16		LOW
Phoenix	6D	30		CH	IAT .
Portland	50	44	.06		nudy
Reno	36	16			int
Roseburg	54	36		Cl	rar
Salt Lake	, 28	18		- USA.I	undl
San Francisco,	56	40			MAT
Seattle	48	46	.02		undy
Spokane	38	33			oudy
Walla Walla	48	42			cdy.
Washington, L	1.07. 82	34		Cle	udy

BUFFALO, N. Y. (UP)—A good scrap every day is the recipe for happy married life offered by Mr. and Mrs. Charles B. Perkins. SPARES ISLANDS winter. Jim Marquess was out to the valley Wednesday. Mrs. Ethel Shann spent Thanks giving in Medford. Mrs. Jas. McDowell and daugh ter were over from Keno Friday. Howard Holtman has returned.

that each is going to see eye to eye severe submarine earthquake aent home from Lakeview where me on everything. The groom's a man adarming radio reports to the states and the bride's a woman and there's the makings of a whole life of disa-like makings of a whole life of disaon everything. The groom's a man alarming radio reports to the states worked this summer, and the bride's a woman and there's that a tidal wave would every the John Schutte called on Jas, Mays the makings of a whole life of dissipance. I think a good scrap every agricults, a sin in Honolulu.

The shock, centered about 2,000 the yalley Thursday, man recorded last view.

POFITS FOR HOTEL

CLEVELAND .- (UP) -Owners of at

DOES ARITHMETIC AT DOUBLE QUICK

Scientists Develop Two Contrivances for Use in Unlocking Secrets of Atoms -Speeds Work 20 Fold

By HOWARD W. BLAKESLER ociated Press Science Editor

CAMBRIDGE, Mass., Dec. 3 .- (AP) new mechanical mind which can

a new ultra-fast "eye" that reads wave lengths of light, were snnounded today at the Massachusetts Institute of Technology.

Both are keys to the secrets of energy in atoms. Both deal with the lines of the spectrum, lines no thicker than fine later, which are near to er than fine hairs, which appear in almost endless numbers on

amose endies numbers on a photo-graphic plate after light has passed through a glass prism.

The study of these lines show what is going on within atoms and is opening a new world of far-reaching. practical applications in netallurgy, physics, chemistry and astronomy Old Methods Slow

Old Methods slow.

The new toch machines substitute for laborious calculations heretofore made by human minds and readings taken by the human eye. So slow were the old methods that photographs of complex spectra produced. graphs of complex spectra produced in a few hours might keep several men measuring, computing and tabulating results for several months.

The machines may speed this up by about 200 fold. They were developed by Professor George R. Richardson, director of the institute's spectroscopy laboratory.

ardson, director of the Institute's spectroscopy laboratory.

The high-speed mathematician is an "interval sorter." It will take the lines of the spectrum and subtract the distance of each line from every other line. The result reveals the "energy levels" in atoms, or how energy is locked in them.

When these subtractions were madementally one investigator might

mentally one investigator might make as many as 100,000 computations. Measures Atom Waves Measures Atom Waves
The ultra-rapid eye measures and
computes the wave lengths of energy given off by atoms. This is done
by measuring the position of a line
on the spectrum.
This used to be done by eye with

This used to be done by eye with an instrument capable of measuring distances of a twenty-five-thousandth of an inch.

The new eye uses photo-electric cells, so sensitive to reflected light from the hair-like lines, that they "see" the exact middle point. At that instant they set off an electric circuit which records the measurement. cuit which records the measurement. At present this mechanical eye works 20 times faster than the human eye. It is expected to go ultimately 200 times faster.

Anderson Creek

ANDERSON CREEK, Dec. 8.—(Spl.) Thanksgiving dinner guesta at the Mays home were Mr. and Mrs. W. T. Shaw of Ashland and F. M. Centers of Phoenix.

CCC boys are working on the road through the Anderson Gap.

Jack Riedel spent Thanksgiving in the valley.

Mr. and Mrs. Geo. McAnally called at the Mays home Tuesday.

Edward Smith and Ruth Mays
were in Medford Tuesday.

Mr. and Mrs. Jim Morrison and

son were dinner guests Thursday of their daughtst, Mrs. Geo. Fields, and family. Mr. Fine has a family from North Dakota cutting word for him this winter.

couple."

The anock, centered of the couples on the selemograph in the Hawaii National Park conservatory on the isle and checked up on each other. Reno would not be the popular place it is. Harboring of imaginary or real grievances over a long time to had for the mind and wrecks any marriage."

EAGLE IS ROUTED

The anock, centered of last night miles at see, was recorded last night miles at see, was recorded last night washington. — (UP) — Lemuel Cater sells bees for pets or profit. Carter is Washington's sole bee merhalf to cause a tidal wave, but the close of the case of the case of the deadline (5:10 am, eastern standard time) reported in the result of water to sweep upon the islands passed without a sign of a disastrous wave—exceedingly rare in this Pacific cross roads.

TAKEN UP

Two horses, one grey mare, one black horse at Home Creat Orchards.

Two horses, one grey mare, one black horse at Home Creat Orchards, by mite south of Voornies Creasing. Owner may have same by paying for keep and advertising. BAY FARNSWORTH.

A. A. A. Made in Medford. Suita that will please you at \$30.00 to \$45.00. Klein the Tailor, 128 E. Main. Use Mail Trinune want ads.



25 7 28 29 32 33 34 38-HOE SO ON "E 2054 四年 0 73 R