

Paper, Boards and Boxes From Waste Lumber

New uses found for shorts and scraps—the ordinary waste from lumber—promise to save thousand of dollars in the lumber industry. Recent experiments in Cloquet, Minn., a little town of forest-fire fame, have found value even in branches and tops of trees—everything down to three inches in thickness. Mills now burning lumber waste under their boilers, it is predicted, soon will look for less valuable fuel.

Three new ways have been found to utilize waste formerly considered not worth hauling away from the forests. These are the manufacture of a new kind of paper, balsam wool, and artificial boards.

The triumph in paper making was the discovery that poplar and Jack pine, thought unsuitable for this purpose, could be used for making bond and other grades of paper. Both kinds of trees have a natural reproduction, and a simple forestry scheme, it is claimed, will insure a perpetual supply of raw material for paper mills.

The leftovers from the paper mill in Cloquet are used to make balsam wool, a new fire-resistant insulating material. It can be supplied to houses, ice boxes, fireless cookers, refrigerator cars, and many other purposes.

When wood fiber is passed through the screen of a paper mill, a certain knotty substance, known as "rough screenings," will not go through. This mass of fiber, when used in the manufacture of balsam wool, is put through a sulphite process, fireproofed and ground. It is treated to give it adhesion, and finally is brought out in the form of a sheet of light insulating board.

Box factories, having discovered a way to cut tongue and grooves on small boards, now are turning to use many boards of sizes too small for filling in lumber yards, that is, material three inches in width or under, and from 12 to 47 inches in length. The boards are glued together to make boxes. A box factory in Cloquet now is using 11,000,000 feet of such shorts.

Ladies' Wrist Watches, solid gold and gold filled, 15 jewelled, lever movements, from \$18.00 to \$40.00, at TRAPNELL'S.

Mysterious Gift Arrives in Rain

RECTOR FINDS NEW GATES FOR HIS CHURCH ONE MORNING.

London.—People in the scattered village of Cold Worton, Essex, are puzzled over a mysterious gift to the church made by an unknown benefactor on a rainy day.

No one was more astonished than the rector, the Rev. F. L. F. Millard, who arrived at the church entrance to officiate at an early morning service, to find two handsome new gates erected in place of the old ones. "Well, this is a pleasant surprise," he said, almost abashed with astonishment.

The benefactor did his work quite openly in the broad daylight, but he chose a rainy day because he thought there would be few people about, and he also planned his surprise for a day on which the rector travelled to London.

Done in a Day.
"It seems some workmen came over from a neighboring village, removed the old gates and completed the job before dusk," the rector's wife said. "Our church council decided to try to raise the fund for the renewal of the gates, which had dated from about 1845, when the church was rebuilt."

"It is suggested that the person who made the gift intended the gates to be a memorial to a relative who lies in the churchyard. This is not the first anonymous gift to the church. Some time ago we received a cheque for £50 from an unknown donor."

The church stands a little off the beaten track about a mile from the rectory. The gates are stoutly built of Australian wood, beautifully panelled, and have massive bolts. Mrs. Millard stated that she and her husband now had an inkling as to the benefactor, but his secret would never be divulged.

Navy Man to Head Police

LONDON, England, Dec. 15.—The appointment of Captain Charles William Rawson Roys, R.N., who was a member of the late Robert Falcon Scott's first South Pole expedition party, as assistant Commissioner of the Metropolitan Police will certainly arouse some resentment among the 20,000 members of the force. Captain Roys has had a distinguished career in the Navy and is a gallant officer, but he has had no actual police experience.

Pearl Necklets, French indistinctible Pearls, in cases suitable for presentation, from \$5.00 up, at TRAPNELL'S.



The Broadway, Renowned as a centre for Good Values, offers the following list of Christmas Gift Suggestions at Special Anniversary Sale Prices.

The BROADWAY Helps You to Double Your Dollars

Gifts For Your Lady Friends

French Ivory, Roman Gold, Amber and Inset Pearl: in Manicure Sets, Toilet Sets, Vanity Cases, Mirrors, Card and Hair Receivers, etc., etc. All specially priced from **\$1.29 to \$43.50**

- Novelty Shoe Pin Cushion Specials .25c. to 69c.
- Ladies' and Misses' Jazz Sweaters—
Very newest \$3.98 to \$5.98
- Novelty Fountain Pens—
With self-coloured ribbons \$2.40
- Silk and Wool Hosiery Specials .39c. 49c. and 59c.
- Sample Hosiery, Boxed \$1.10 up.
- Hand Bags 34c. 69c. \$2.98, \$3.98
- Pearl Sets, in case (indestructible) \$1.25
- 3-Piece Vanity Case \$1.25
- Black and Gold Enamel Vanity Case 60c.
- Crepe-de-Chine, Teddy's \$2.25
- Jersey Silk Slips \$1.49
- Tricolette Sweaters \$2.98
- Millinery Hats \$2.98, \$3.98, \$4.98
- Nulife Corsets. Values up to \$12.00
Now \$2.98, \$3.98 and \$4.98
- Wool Scarves, from 79c. up.
- Ladies' Skirts, from \$1.79 up.
- Camisoles, Silk 49c. and 98c.
- Camisoles, Silk, Boxed \$1.10 and \$1.25
- Ladies' Dresses \$2.98, \$5.98, \$8.98 up
- Ladies' Coats \$6.98, \$12.98, \$18.98 up.
- Ladies' Fur Coats, from \$98.00 up.

Gifts For Your Boys and Girls

- Dolls, Sleeping, from 39c. to \$4.98
- Dolls, Leather Body. Value, \$2.75. Now . . . \$1.69
- Child's Astrachan Suits (Novelty) 1 to 3 yrs. . \$3.98
- Child's Brushed Wool Suits \$5.98 to \$8.78
- Child's Jazz Sweaters \$2.98 and \$3.98
- Child's Jersey Leggings 98c.
- Child's Leather Leggings \$2.60
- Game of Lotto 35c.
- Pop-Guns 29c.
- Cradles 18c.
- Toy Banks 6c.
- Toy Mandolins 8c.
- Motor Cars 18c.
- Work Boxes (Needle Set) 75c.
- Rake Sets 18c.
- Infants' Wool Sets \$1.89

BOYS' SUITS \$6.98 \$8.98 and \$10.98

- Boys' Belted Suits, 7 to 12 years \$7.48
- Boys' Belted Suits, 13 to 17 years \$8.48
- Boys' Two Pants Suits, 7 to 12 years . . . \$9.68
- Boys' Two Pants Suits, 13 to 17 years . . \$10.38
- Boys' Rugby Vest Suits, 7 to 12 years . . \$8.98
- Boys' Rugby Vest Suits, 13 to 17 years . . \$9.68
- Youths' Long Pants Suits \$10.98
- Boys' Overcoats, 3 to 6 years \$3.38
- Boys' Overcoats, 3 to 6 years \$5.98
- Girls' Coats, Plain and Furred \$6.98
- Boys' Leatherette Coats \$5.48
- Girls' Leatherette Coats \$5.48
- Boys' Rubber Belts 18c.
- Boys' Coat Sweaters \$2.39

Gifts For Your Gentlemen Friends

- Men's Shirts "Special" with extra collar—
Regular Value, \$2.75. Now \$1.98
- Linon Handkerchiefs "Initial," "Boxed"—
6 for \$1.50
- Bordered Handkerchiefs. Only 15c.
- Novelty Crepe Handkerchiefs. Only \$1.80
- Excelda Handkerchiefs 25c.
- Single Pipes, in Case \$3.90
- Pipe and Cigar Holder, in Case \$2.90
- 2 Pipes, Cigar and Cigarette Holder, in Case . \$5.90
- Men's Tuxedo Suits—American make.
Special \$39.75
- Men's Garters 35c. to 90c.
- Men's Suspenders 65c. to 80c.
- Suspenders and Garter Sets \$1.60 and \$1.95
- Silk and Wool Mufflers \$1.50 to \$3.75
- Fountain Pens, \$5.00 value for \$3.75
- Pen and Pencil Sets, \$7.50 value for . . . \$5.25
- 14-Kt. White Gold Sleeve Links \$1.50
- Pearl Handle Knives \$1.50
- Shaving Sets 89c. to \$19.50
- Umbrellas, self-opening \$2.90
- Walking Sticks \$1.98 up.
- English Wool Vests \$4.98 and \$5.98
- Negligee Shirts \$1.29
- Sample Hosiery, \$1.50 value for \$1.10
- Men's Suits \$8.98, \$9.98, \$12.98, \$16.98
- Men's Suits (2 prs. Pants) \$25.98
- Men's Overcoats—
\$12.98, \$16.98, \$20.98, \$23.98, \$26.98, \$28.98

The Broadway House of Fashion

Don't Put Too Much Faith in the Gyro Compass, Says PERT.

Washington, Dec. 16 (A.P.)—Development of the gyrocompass led "to a regrettable lack of understanding of the magnetic compass," says Captain Edwin T. Pollock, Superintendent of the Naval Observatory, in his annual report.

While not going into details of the question, the report referred to a "tendency" to neglect the magnetic compass as "a dangerous device."

"On the smaller vessels, such as destroyers and submarines, which are equipped with gyrocompasses," said, "there is a decided tendency to neglect the magnetic compass to place entire dependence on gyrocompasses. This is a dangerous practice from the navigational point of view and efforts are being made to improve this condition."

"Reports also show that some of the younger officers are not familiar with the deviation of the magnetic compasses and to correct this condition it is urged that more officers should take the course. The compass school at the Naval Observatory has been available at all times for officers desiring to take the compass course but during the fiscal year only one officer took the course and has partially and hurriedly."

"Excellent results" are said to have been obtained in sending signals by radio from the observatory during the summers of 1924 and 1925 for longitude determination Alaska, the Mississippi Valley, the western Alaskan Islands, were sent at the request of the Canadian Government and the United States Coast and Geodetic Survey and were also of value to other parties in Mexico, New Zealand, Australia.

The observation of the eclipse of January 24, 1925, from dirigible, Los Angeles, off Long Island was pronounced "very successful," while plans are said to be completed for sending a party from the observatory to observe the solar eclipse in Sumatra, next May, 14.

Photographs taken of the sun now said to be made with reference to the period of activity which is developing. "It is likely," the report says, "that with the progress of the toward the sun spot maximum, disturbances on Western Union Telegraph Company and other lines become more frequent and of greater intensity."



Curious Pipe Devised for a Clean, Sweet Smoke

From the land of pipes comes an ingenious idea to keep your pipe clean and cool. A British inventor has made a new pipe with a tin nicotine. The pipe stem is elongated running past the bottom of the bowl. Fitting to this is a small metal perforated at the bottom and covered with a wooden tube.

A tubular chamber screws into bottom of the wooden tube and this chamber flows all the nicotine and saliva. Because it is kept away from the pipe bowl, the nicotine is claimed, cannot be drawn into the mouth, for it would have to traverse the length of the small metal tube and be drawn through the small perforations.

Here is a delicious sandwich—buttered toast; WILSON'S CERTIFIED BACON fried crisp; thin slices of tomato; season to taste.

A No-Hat Hanging

By order of the counter-revolutionary court at Sivas (Asia Minor) Turk who wrote a pamphlet against the recent order making the wearing of hats compulsory in place of the turban has been hanged.

Another riot arising from opposition to the decree has occurred in Marash (Antolia) where a mob tore down a sacred flag in a mosque and set it on fire. "We don't want the flag," the police dispersed the rioters made to retreat.

A cheque is not good until it is certified. All Wilson's Bacon guaranteed—we give a money guarantee.

We see many varieties of the hat. They turn down in front or up in the back or they may turn both front and back. Some are simply trimmed, while others are very elaborate.