

LEATHER MAKING INDUSTRY GROWS AT A RAPID RATE

Mease of Automobiles Aids Growth—Demand for Hides Forces Hunters to Ransack World for Animals.

By Frederic J. Haskin.
Washington, Feb. 3.—No other industry shows greater strides of growth in the past 10 years than that of leather making. The demands of the animal for leather products not only multiplied manifold, but the list of users is being extended with amazing rapidity. Leather follows civilization and hundreds of thousands of animals are being converted to its use. The result is a scarcity of hides and skins. The tanner has multiplied as rapidly as the demand for his hides, and the hunter is being driven to ransack the world for animals hitherto exempt. Not only the sea but the forest has been searched. The porpoise and the whale are in favor, and the cobra viper have not been dangerous to scare the skin hunter away.

Leather for Automobiles.

Automobile industry affords one of the increasing demands for leather. The motor car has about 2000 automobiles in the United States. Now there are nearly 300,000. Each of these machines has required leather in its construction, and requires even more in its accessories. The motor car has become a part of the American life, and it is going to be the fashion during the coming season.

The United States leads the world in the production of leather. Its 600 tanneries produce one-fourth of the world's supply. Every year nearly 600,000 hides and skins pass through the tanneries, and when finished leather they are worth \$250,000,000. Equivalents are 1,250,000 cords of tanbark and 50,000 barrels of extract to meet the demands of the American tanner in the conversion of these hides and skins into leather. Two-thirds of the tanbark used is from the American forest, which shows that the forests are being cut heavily. The quebracho tree is a valuable tanning extract, and American tanner already is established in the study of American woods for their uses.

Philadelphia the Hub.

Philadelphia is the hub of the leather world. The goat skins used there each year would suffice to cover a procession of goats reaching from the most easterly point of Alaska to the most westerly point of Patagonia. Other kinds of hides and skins may become scarce or rare, but the goat is always with a supply equal to the demand. The goat skins wear are really made from goat skins.

Saddle From Human Skin.

A gentleman in Philadelphia owns a saddle that was made from the skin of a human being. It is presumed that he got this skin from some medical school. He employs one of the best saddlers in Philadelphia to do the work. When the job was nearing completion the saddlemaker asked what kind of leather it was—it had such a fine grain and such a smooth "feel." When he learned that it was human skin he threw up the job. Later another man was employed to finish the saddle, but the employer was careful not to let him know what it was made of. Many medical students have little bits of leather made from human skin, but Philadelphia saddle is said to be only one of its kind in the world.

Swark, N. J., Alligator Center.

Swark, N. J., stands at the forefront of the alligator leather center. Over 100 alligators are annually slaughtered to meet the needs of the Newarkeries and factories. The Sarawaks are a fashion of sleeping with their heads slightly above water, and in the absence of a moonless night their eyes phosphorescent lights, which work a splendid target for the hunter. No time only the belly side of the alligator skin could be used. But the tanner has learned how to get the hard side of the back, with the result that the most valuable part of the tanned skin is that which formerly was rejected. The snakeskin hunter exercises his ingenuity. He takes a forked stick and pinions the snake's head to a ground. Then he puts a pinch of sulfur into the reptile's mouth, and the hotline produces instant death by paralysis, thus saving the skin intact.

New Tanning Extract.

The invention of the chrome process in leather making will be the saving millions of trees to the world. Instead of vegetable tanning, a mineral substance is used, which actively tans the hides and in addition renders the leather porous enough for the admission of air, but tight enough for the exclusion of water. It does not remember the days when the leather was so greasy to the touch and shoes had to be greased to the most costly leather in the world. Now the new world must unite to make it. A family of German men hold the secret of its preparation, and it can be made only from the softest of the American gray deer found in the vicinity of the great lakes. They have an agency at Detroit where the hides are purchased from the Indian half breeds. The leather is exclusively for covering piano

Shoes at \$60 a Pair.

An eastern shoe house has put out a pair of ladies' opera shoes which are to be sold at \$60 per pair. Not all of the value of these shoes comes from the leather that is used, but from the workmanship. The gold and silver trimmings and jet beads are what in the end put up so high. One shoe has been turned out a pair of shoes for \$2000, but their principal value is in the diamonds with which the tips and heels are studded. In certain kinds of shoes the leather is made soft by being ground on rapidly revolving emery wheels. The grinders are to wear silk masks or wetted cloths over their faces to keep the emery from their lungs. It is expected that chrome shoe leather will be the fashion during the coming summer season.

Indians Best Tanners.

The great strides have been made in the methods of tanning leather. It is to be concluded that the Indians preferred the art to a degree never yet attained by the white man. Some years ago a Sioux Indian chief produced a piece of buckskin that had been tanned 20 years before by a member of his tribe. A leading leather expert com-

pared it with the best buckskin he could purchase in the market, and stated that the Indian leather was superior in pliability and every other particular. Specimens of Chinese leather 1000 years old are as soft and pliable today as they were when new.

Belt Costs \$5900.

Special methods of tanning are required in making some of the big driving belts used in factories. What is believed to be the biggest belt ever made was turned out recently by a New York firm for a lumber mill in Louisiana. Five hundred and forty specially selected steer hides were used in making this belt. It is 240 feet long, 6 feet wide and cost \$5900.

The leathers which are used for ladies' gloves, and also for men's finer gloves, are not tanned, but tawed, and millions of eggs are used in this process. The finest glove leather comes from France. The advent of the coal tar dyes in the coloring of leathers has proved to be harmful to the leather. It is not as noticeable in glove leathers, however as in book leathers. Bindings are supposed to last through years and years. But the aniline dye has proved so deleterious to the lasting qualities of leather that the English Library association has made a careful examination of the subject. It declares that after all there is no tanning for book leathers like that in which sumac is used in connection with vegetable dyes.

Savages Tanned Hides.

A writer for the Smithsonian Institution beautifully expresses the intimate relationship of leather to the race by tracing the activities of the savage woman after her hunter-husband laid the first deer at her feet. She strikes off a sharp flint flake for a knife, and becomes the first cutter, the real founder of Sheffield. With this knife she removes the skin, little dreaming that she is to become the patron saint of all butchers that shall come after her. She rolls up the hide, then dresses it with the brains of the animal, smokes it, carries it, breaks it with instruments of stone and bone, and establishes her reputation as the first tanner and currier. With fingers weary and worn, with needles of bone and thread of sinew, and sensors of flint, she fash-

WOMEN PETITION COUNCIL TO STOP CAR CONGESTION

Want Change in System of Stopping Cars at Grand Avenue and East Morrison—Other Complaints Made.

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(United Press Leased Wire.)
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Parkplace at Hood River.

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IS ADMINISTRATRIX OF HUSBAND'S ESTATE

Mrs. Inga M. Stewart has been appointed administratrix of the estate of her late husband, Frederick B. Stewart, who died on January 31. The property is valued at \$17,700. The heirs, beside the widow are Bruce B. Stewart and Frederick Stewart, sons.

8 COCKERELS BRING DAYTON MAN \$2

(Special Dispatch to The Journal.)
Dayton, Wash., Feb. 3.—Raising thoroughbred poultry has become a source of revenue to County Auditor W. A. Fryer of Columbia county, Wash. He engaged in the business two years ago as a diversion, and now he claims the finest pen of thoroughbred Barred Plymouth Rocks in the northwest. Last week he sold eight young cockerels for \$12, receiving \$2 for the bird that took the second prize at the Walla Walla poultry show. He refused an offer of \$50 for the cockerel that took the first

award at the same show. He prizes the fact that the prize-winners were selected from a pen of only 17 birds.

Better Health

A Pleasing Sense of Health and Strength Renewed and of Ease and Comfort

follows the use of Syrup of Figs and Elixir of Senna, as it acts gently on the kidneys, liver and bowels, cleansing the system effectually, when constipated, or bilious, and dispels colds and headaches.

To get its beneficial effects, always buy the genuine, manufactured by the California Fig Syrup Co.

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The world's best entertainers, the head-liners of the vaudeville shows, the stars of the operas, the good composers, band leaders and orchestra conductors are making Records for the Edison Phonograph. All of them are represented in our catalog.

Why do they consent to make Records for the Edison Phonograph? Because they believe that the Edison Phonograph will do them real justice, giving them the most artistic reproduction.

When you listen to an Edison Record played by an Edison Phonograph, you hear the original just as it was sung or played. Can you do this with any other instrument?

Edison Phonographs can be had from \$12.50 to \$425.00
Edison Standard Records 25
Edison Amber Records (play twice as long) 50
Edison Grand Opera Records 75c. and \$1.00

There are Edison dealers everywhere. Go to the nearest and hear the Edison Phonograph play both Edison Standard and Amber Records and get complete catalogs from your dealer or from us.

NATIONAL PHONOGRAPH COMPANY
75 Lakeside Avenue, Orange, N. J.

FRIDAY and SATURDAY BARGAINS

THE BEEHIVE

LABOWITZ BROS. 169-171-173 THIRD ST. Bet. Morrison and Yamhill

Greatest Collection of \$2, \$2.50 and \$3 Waists Ever Assembled in Any Store in Portland, Selling Now Only \$1.23

Elegant models, secured from a high-class manufacturer who makes many of the waists found here and elsewhere at \$2.00, \$2.50 and \$3.00.

These Waists are as fine and clean and fresh as any waists you will find anywhere at regular prices. Twenty-five different distinct styles, batiste, lawn and lingerie. Some are severely plain, others are lavishly trimmed with fine laces and embroideries. All are the latest models with the fashionable long sleeves and newest collars, in demand by correct dressers for spring wear.

A Tremendous Sale Beautiful New and Up-to-Date Dresses

The Greatest Bargain Ever Announced—The entire surplus lots of three great makers whose season was over are included in this important sale at the most tempting reductions we have ever announced. If you are planning for a dress your opportunity is here now.

\$30 Dresses \$9.85

Beautiful one-piece and Princess models in finest quality French serge and broadcloth. Many are handsomely embroidered or braided, and trimmed with strappings and self-covered or jet buttons. Skirts prettily plaited. All the newest and most fashionable shades included in this lot.

Talking Machine Headquarters

Edison Machines and Records

353 Washington Street

Talking Machine Headquarters

Edison Machines and Records

ANNOUNCEMENT

BY THE

Oregon Electric Railway Company

OF THE

Opening Wednesday, February 2, 1910

OF ITS NEW LINE AND TRAIN SERVICE TO

Woodburn, Oregon

Construction of the branch line connecting Woodburn with West Woodburn has been completed and passenger service will be inaugurated on the above date with

22 DAILY TRAINS BETWEEN WOODBURN AND WEST WOODBURN

Connection made at West Woodburn with all north and south bound Portland-Salem trains except the 8:40 p. m. from Portland and the 8:50 p. m. train from Salem.

Condensed Schedule Between Portland and Woodburn

Leave Portland 6:30 a. m.—Arrive Woodburn 8:05 a. m.	
Leave Portland 7:50 a. m.—Arrive Woodburn 9:50 a. m.	
Leave Portland 9:15 a. m.—Arrive Woodburn 10:30 a. m.	
Leave Portland 11:00 a. m.—Arrive Woodburn 12:40 p. m.	
Leave Portland 2:00 p. m.—Arrive Woodburn 4:40 p. m.	
Leave Portland 3:50 p. m.—Arrive Woodburn 5:30 p. m.	
Leave Portland 6:30 p. m.—Arrive Woodburn 8:10 p. m.	

GEORGE F. NEVINS, TRAFFIC MANAGER

New Hair Goods On Sale

Turban Pads for Only 75c
Turban Hair Frame Pads
All shades, for the newest style hair dressing; regular \$1.00 kind, each 75c
\$10 Turban Switches \$4.95
Turban Hair Switches in all shades, natural wavy hair, 26 inches; regular \$10 \$4.95 values, on sale.... \$4.95
\$4.00 New Hair Puffs \$1.95
New Human Hair Puffs, sanitary made, all shades, choice of five styles, on sale \$1.95 for only..... \$1.95

\$7 All-Wool Women's Sweaters Now \$2.95

Long Coat style, length 27 inches. Plain or hand crocheted. Knitted of heavy all-wool yarn. Trimmed in either red, green or blue, combination colors and plain, with large fancy pearl buttons and two substantial pockets, in all sizes, reg \$7 val. at. \$2.95

\$10.00 All Wool Military Capes Selling for \$6.95

Another opportunity to purchase a stylish Cape at a fraction of its real value. If you are in need of a cape, don't miss this. Stylish Military Capes in every color, full length with standing collar, trimmed with gold braids and gilt buttons. Values to \$12.50. Sale price, \$6.95 only..... \$6.95

Monster Sale Fine New Aprons

Lock Stitch Aprons Do Not Rip

White Lawn, embroidered bretelle, shoulder straps and long strings, 5-inch hem-stitched bottom, on sale, each..... 39c

Princess Aprons at Sale Prices

Amoskeag Gingham, with sleeves, square neck, button back, sewn with lock stitch, will not rip; on sale, each. 75c

Amoskeag Gingham, sewn with lock stitch, will not rip. With two pockets, bib and strings, pearl button back and ruffle bottom. 49c Special price, on sale, each..... 49c