

## GROWTH OF WOODEN HEEL INDUSTRY

FRENCH HEELS ARE MADE OF HARD MAPLE.

Interesting Process of Manufacture From Block of Wood to the Finished Article.

The wood shoe naturally brings to mind leather, but there are made nowadays great numbers of women's slippers, pumps and shoes designed for house and for dress wear, that are made with uppers of silk, satin, velvet and cloth, as well as of kid, calf and fine leathers and which have wooden heels.

These wooden heels cost less to make than leather heels, but they are put on the finest as well as the less expensive shoes because they are lighter than leather heels of the same shape, because in the tall, slender shapes, and especially in the high, narrow-necked French heels, they stand up better under weight, and because, being light, the covering on them remains smooth and perfect.

### Shaping the Heel.

These wooden heels are made of hard maple. First a block is grooved, put in a machine that cuts in that part of it that forms the sole of the shoe under the instep, the little incurving sweep that gives the heel grace there, and then the block goes into a moulding machine that cuts it into heel shape.

The knives in this machine work rapidly and smoothly, and as the heel comes out it may seem perfectly smooth and finished and ready to be covered, as it is if the material to be used in the covering is comparatively thick, but if the heel has an extension in front under the instep it goes to a scouring machine to be finished on that extending part, and if it is to be covered with silk or satin, very thin material, the entire heel is polished on a buffer to a perfect silky smoothness. The heel is then plugged to reinforce and strengthen it, and then, finished in the wood, is ready to be covered.

Many materials are used in covering wooden heels, and they may be used in almost endless variety of colors or shades. Some shoe manufacturers buy the wooden heels and cover them in their own factories; some have wooden heel manufacturers cover and finish the heels completely, sending the covering materials, cut or not cut, as the case may be, and receiving from them heels ready to go on the shoe. And wooden heels are commonly made to order, for they are required of many sizes and of many shapes, with the fashions always changing.

### Applying the Covering.

The coverings are cut out by hand, though they are knife cut, many at a time, but each cover must be stretched or glued to each heel by hand. Then there is glued into the groove of the heel, completely covering that surface, a piece of split leather of precisely the color and also of the same style of finish as that of the bottom of the shoe, which the groove faces, and now there is nailed to the bottom of the heel a thickness of leather like a layer on any heel. The leather protects the wood from wear, kills the sound that the wood would otherwise make in walking, and also protects the lower edge.

The trim little semicircles of tiny brass nails that are seen in the heels are really pieces of brass wire, sections from a coil of wire carried on a machine which thrusts the end of the wire through the leather, and into the wood. It then cuts off the wire and drives the next nail in the same manner, and so around.

From this the heel goes to a trimming machine. The leather may project a trifle beyond the heel's covering. It must be made so that its edge surface is absolutely smooth and flush with the covering. This is done in the trimming machine, and then the edge of the leather is colored as leather edges commonly are, usually either red, leather colored or black.

The heel next proceeds to a buffer on which the bottom of the leather is smoothed and polished. Then it may be colored artificially, or if it is not to be colored the bottom of the leather may be finished with a velvet finish. The finish, whatever it may be, is made to be in accordance with the finish of the sole of the shoe on which it is to go, and with the final finishing of the leather the heel is completed.

Through the latter process the heel has been handled with its coverings on and this may be of some delicate material or color. So now they are inspected and finally packed in cartons, a dozen pairs of heels to the box, and are ready for the shoe manufacturer. It is stated that 25 per cent. of the women's shoes worn in North America are now made with wooden heels, of which there are produced millions of pairs annually.

The northernmost cannery in the world, a fish packing plant, is in operation at Kotzebue, Alaska, well within the arctic circle.

The old Indian plan of curing seed corn has a lesson for the farmer of to-day. The Indians laid it on an open willow branch platform, where the air could circulate freely until it was dry. Then it was safely stored for winter.



"Here's my idea of a razor— one that sharpens its own blades"

"Why, I remember when I used to have to throw away a blade after a couple of shaves. Now, I simply take it and give a few turns on the strop and it's as good as ever."

"I can shave in three minutes, and my face is so smooth and slick and comfortable as when the head barber used to go over it. To clean, I simply put the blade under the tap and wipe it off. There's no taking the razor to pieces and messing around with parts. In fact, the whole thing is so simple and easy, I wish I had had one long ago."

Razor — Strop — 12 blades — \$5

**AutoStop RAZOR**  
AUTOSTOP SAFETY RAZOR CO., Limited  
AutoStop Building, Toronto, Canada

### The Retort Crisp.

After a grand review of the German troops at Potsdam some years ago the Kaiser called out to the officer commanding the Prussian Guard in a voice loud enough to be heard by all the distinguished guests who were grouped in front of the palace:

"Pick me out a hundred men from the Prussian Guard."

Then, taking the arm of King Edward VII., who was there, he said: "Come with me."

He escorted King Edward very delicately round the hundred men, and then said banteringly:

"Well, do you think you could find a hundred men in England to beat them?"

"I don't know so much about that," promptly replied the late King, "but I could easily find 50 who would try."

**MONEY ORDERS.**  
When ordering goods by mail send a Dominion Express Money Order.

**Fustic Wood.**  
For many years manufacturers have used fustic dye for coloring yellow, and with the appropriate mordants for brown, olive and green. A contributor to the Bulletin of the Pan-American Union says that during the war the dye was in great demand for coloring the cloth of uniforms and of army tents. The dye comes from a tropical tree technically known as Chlorophora tinctoria, that grows abundantly in the lowlands of Mexico from Tampico southward, and less abundantly in all of Central America. It is a tree of medium size that rarely reaches sixty-five feet in height and thirty inches in diameter.

Transportation is the most difficult part of marketing the trees. The trunks where the wood grows are usually without roads, and the logs have to be hauled over the roughest ground to the rivers. Before the war the wood was cut, hauled and delivered to the side of the ship for about eight dollars a ton, and was sold in New York at prices ranging from twenty-five dollars a ton. During the war fustic wood sold for fifty dollars a ton.

The wood is imported in the form of short logs with the sapwood removed; only the heartwood has the coloring matter. Before it can be used it has to be ground to a powder, and in that form it readily dissolves in water. A dilute solution gives a light yellow, and the addition of acid makes the color still lighter. The use of metallic salt adds a greenish tint.

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## FASHIONABLE COSTUMES



No. 8791—Ladies' Semi-Fitted Dress. Price, 25 cents.

Minaret tunic, in one piece; one-piece foundation lengthened by straight section; instep length. Cut in 6 sizes, 34, 36, 38, 40, 42 and 44 ins. bust measure. Size 36, waist, 26 ins.; 36 ins. wide, or 2 1/2 yds. 54 ins. wide; contrasting, 2 1/2 yds. 36 ins. wide; one material, 4 1/2 yds. 36 ins. wide, or 3 1/2 yds. 54 ins. wide. Width around bottom, 1 1/2 yds.

No. 9019—Ladies' Dress. Price, 25 cents.

Closing side-front and on shoulder; instep or shorter length. Cut in 7 sizes, 34 to 46 ins. bust. Size 36, one material, with revers, instep length, 3 1/2 yds. 54 ins. wide; dress, 3 1/2 yds. 40 ins. wide; revers, belt, 1 1/2 yds. 40 ins. wide; front and back of dress, instep length, 1 1/2 yds. 54 ins. wide; collar, side-back and front, belt, short sleeves, 1 1/2 yds. 36 ins. wide. Width, 1 1/2 yds.

These patterns may be obtained from your local McCall dealer, or from the McCall Co., 70 Bond St., Toronto, Department W.

**Are You a Gossip?**  
Are your neighbors gossiping? Yes, certainly they are. But before telling Mrs. Brown across the way that she is a gossip you had better insure yourself against accidents.

Originally there was no sinister meaning in the word "gossip." It was good old English for a sponsor in baptism, from "god" and "sib," meaning "related." Later a gossip came to mean a relative, or neighbor. And, since relatives and neighbors usually talk when they meet together, the verb "to gossip" was coined.

Who, to be quite accurate, can be rightly described as a gossip? You turn the corner of Love Lane, and come upon two stout women standing at their cottage doors talking. Are they gossiping?

Even if you stand and listen—which is bad manners, and may lead to serious consequences—I defy you to answer that question. "Gossip" is loosely used to include all talk that is idle and useless. If all talk that could not be justified on the grounds of usefulness were banned, some of us would never open our mouths.

But there is another side to talk beside mere utility. It does people good. If you have just been defrauded of a dime it makes you feel better to tell somebody about it. Preferably the person who defrauded you. But, failing him, someone else.

**Good For Business.**  
The young doctor sat wearily down in his easy chair, and asked his wife affectionately:

"And has my darling been lonely?"

"Oh, no!" she said animatedly—"at least, not very. I've found something to busy myself with."

"Indeed!" he said. "What is it?"

"Oh, I'm organizing a class! A lot of girls and young married women are in it, and we're teaching each other how to cook."

"What do you do with the things you cook?"

"We send them to the neighbors."

"Dear little woman," he said, kissing her fondly, "always thoughtful of your husband's practice."

**When Your Nerves Cry Out**  
It may be from tea or coffee. Then think of the healthful, satisfying qualities of **INSTANT POSTUM**  
Delicious, free from nerve-disturbing ingredients. Economical.  
Try a tin from your Grocer  
**No Raise in Price.**

## The Widow's Windows.

The widow had three large windows overlooking the route of Paris's Triumph Day; and as she was rather out of date it did not occur to her to let them for a large sum to strangers. The "Morning Post" tells the story. Instead she invited a number of armless and legless poults to sit in the right and left windows and watch the procession pass, explaining that the centre one was engaged. But no one came to occupy it, and while the troops with bands and banners marched proudly by, the widow, to her guests' amazement, sat at the back of the room with her head in her hands. When it was over one of the grateful guests said:

"So your friends never came, after all?"

"Oh, yes; they were there," she replied, quietly. "My son, my grandson, and my son-in-law. They all gave their lives for France!"

## DREADED INFLUENZA

Medical Men Believe It Will Again Visit Canada This Autumn and Winter.

There is a widespread belief among medical men that the epidemic of la grippe, or influenza, which swept over the world last year, will again appear in Canada during this autumn and coming winter. This dangerous trouble spares neither age nor sex, but it naturally finds its easiest victims among those who are run down in health or whose blood is weak and watery, and it is among the latter class in which the greatest number of fatalities occur. The surest way to prevent an attack of this dreaded trouble is to keep the blood rich and pure, and the safest and best way to do this is through the use of Dr. Williams' Pink Pills.

No reasonable precaution to avert an attack of influenza or la grippe should be spared. The disease itself is deadly, but its after-effects, among those who are spared, make the life of the victim one of constant misery. Ask almost any of those who have been attacked by influenza what their present condition of health is and most of them will answer: "Since I had the influenza I have never been fully well." This trouble leaves behind it a persistent weakness of the limbs, shortness of breath, bad digestion, palpitation of the heart, and a tired feeling after even slight exertion. This is due to the thin-blooded condition in which la grippe almost always leaves its victims after the fever and influenza have subsided. They are at the mercy of relapses and complications, often very serious. This condition will continue until the blood is built up again, and for the purpose of building up the blood and strengthening the nerves nothing can equal a fair treatment with Dr. Williams' Pink Pills. From first to last these pills make new, rich blood, which reaches every organ and nerve in the body. Thus the lingering germs are driven out, and the weak, despondent victims of influenza are transformed into cheerful, healthy, happy men and women.

But better still, you can put yourself in a condition to resist an attack of influenza by enriching the blood through the use of Dr. Williams' Pink Pills, and this, it seems, is the sensible thing to do at once.

Dr. Williams' Pink Pills are sold by all dealers in medicine or will be sent by mail at 50 cents a box, or six boxes for \$2.50, by The Dr. Williams' Medicine Co., Brockville, Ont.

**Loose Rivets.**  
Few autolists examine the frame for loose rivets yet these often shake loose and fall out. A car owner recently found that two rivets which had held a cross member of the frame in place had slipped out and the side rail had cracked a little as a result.

**Minard's Liniment Co., Limited.**  
Gents.—A customer of ours cured a very bad case of distemper in a valuable horse by the use of MINARD'S LINIMENT.

**Yours truly,**  
VILANDIE FRERES.

**Sentry Go.**  
True lad who shared the guard with me  
That night of whirling snow,  
What other nights have brought to you  
I shall not know.

I never even heard your name  
And hardly saw your face,  
Yet you poured out your heart to me  
As we kept pace.

I know not if you're living still,  
Or fallen in the fight;  
But in my heart your heart is safe  
Till the last night.

**Wifely Amenities.**  
That there are two sides to every case this brief bit of conversation from an English contemporary reveals:

"Will tell me that he leads a dog's life," said Will's mother to Will's wife.

"Yes, that's so," answered Will's wife. "He comes in with muddy feet, makes himself comfortable by the fire, growls, and waits to be fed."

## BABY'S OWN TABLETS OF GREAT HELP

Mothers, if your baby or growing child is sickly; if he does not sleep well at night; if he cries a great deal; if he is constipated and his little bowels and stomach are not working right, give him Baby's Own Tablets—they have proved of great help to thousands of mothers. Concerning the Tablets Mrs. W. H. Decater, Corson's Sidling, Ont., says:—"I have used Baby's Own Tablets and have found them excellent for the little ones and would not be without them." The Tablets are a mild but thorough laxative and are guaranteed to contain no harmful drug—that is why they always do good and never harm. They are sold by medicine dealers or by mail at 25 cents a box from The Dr. Williams' Medicine Co., Brockville, Ont.

## HOW LONG CAN THEY DO IT?

There is in Canada current opinion that it costs the Government \$1.03 to get \$1 of gross revenue from the railroad which have been emancipated from the capitalistic class. A deficit of \$50,000,000 in 1919 is the forecast. This straightway gives rise to conjecture as to what the true relation of cost and revenue would be if some courageous Administration reached down to the bottom of our own Government operation of the roads.

Thanks in part to the peculiarities of the Canadian situation the private Grand Trunk and Canadian Pacific have contributed nobly to the Government's experiment in railroad operation. This and other causes have steadily lifted the percentage of cost to gross revenue. To-day it is 83 per cent. for the Grand Trunk and 81 per cent. for the Canadian Pacific. The percentage thus actually discloses the shocking scandal of surplus, rather than the uplifting inspiration of deficit.

Monthly statements duly audited and certified show Canadian Pacific and Grand Trunk can still operate on their own motive power; the exact status of the Government roads is not so clearly revealed. Why it is not is a matter of conjecture, friendly, invidious or neutral, as may be. Some irreconcilables want to know how they are to reach a conclusive audit of Canadian Northern, making a true capital investment basis for figures. Others say there is an operation deficit of more than three per cent.

What if it be so that the more wheels turn round and the faster they go, the more money they lose? If it costs 3 cents net loss to take in a dollar, isn't the taxpayer there to pay it? And doesn't the paltry 3 cents go at once back into circulation? "As long as he has a dollar left to burn, why shouldn't the taxpayer write and turn?"

A staunch supporter of a western co-operative grain concern with a long and honorable record of losses used to refer to its "turnover" as its "turn-under." Happily free of the embarrassment of literary cut, he has given the Government's railroad auditors a book heaping, accurate and novel. They should be satisfied and so should the taxpayers. For as a factious inquirer for Government figures says: "If a taxpayer is not to pay these taxes, what is he for?" But how long can they do it?—Wall Street Journal.

**Speedy Pigeons.**  
In calm weather a carrier pigeon can fly at the rate of 1,200 yards a minute; with the help of a moderate wind it will attain a speed of 1,540 yards; and before a strong wind 2,000 yards.

**Minard's Liniment Cures Burns, etc.**  
Cleanliness in the poultry runs is absolutely essential for best growth in the chicks. Too often the yards are overcrowded and are allowed to get bare. Cultivate soil, grow green food, and provide plenty of shade.

**"SYRUP OF FIGS"**  
**CHILD'S LAXATIVE**  
Look at tongue! Remove poisons from little stomach, liver and bowels

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Accept "California" Syrup of Figs only—look for the name California on the package, then you are sure your child is having the best and most harmless laxative or physic for the little stomach, liver and bowels. Children love its delicious fruit taste. Full directions for child's dose on each bottle. Give it without fear. Mother! You must say "California."

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## BITS OF HUMOR FROM HERE & THERE

**Tommy Understood.**  
"Yes," said the Sunday-school teacher, "when Dilliah cut Samson's hair he lost all his courage and strength, and became mild as a lamb. Can you understand that?"

"Well, ma'am," replied Tommy, "it does make yer feel 'shamed when a woman cuts yer hair."

**Romance Nearer Home.**  
Lady—"How romantic you must have found the vines of France, the olives of Italy, the oranges and citrons of Palestine."

Demobilized Cockney—"Not me. Give me the coconuts of 'Amstead every time."

**Misplaced Slang.**  
A story that has a point worth thinking about was recently printed in the Louisville Courier-Journal. A boy had passed a fairly good examination, and his prospective employer told him to report the next morning.

"I gotcha," said the boy.

"But you haven't got the job yet," was the swift reply, "and what's more, you never will!"

**Teacher's Memory.**  
A school teacher who had been telling a class of small pupils the story of the discovery of America by Columbus ended it with: "And all this happened more than 400 years ago."

A little boy, his eyes wide open with wonder, said, after a moment's thought, "Gee! What a memory you've got!"

**DEWS OF EVE**  
No More Gentle Than "Cascarets" for the Liver, Bowels

It is just as needless as it is dangerous to take violent or nasty cathartics. Nature provides no shock-absorbers for your liver and bowels against calomel, harsh pills, sickening oil and salts. Cascarets give quick relief without injury from Constipation, Biliousness, Indigestion, Gases and Sick Headache. Cascarets work while you sleep, removing the toxins, poisons and sour, indigestible waste without gripping or inconvenience. Cascarets regulate by strengthening the bowel muscles. They cost so little too.

**GET SLOAN'S FOR YOUR PAIN RELIEF**

You don't have to rub it in to get quick, comfortable relief

Once you've tried it on that stiff joint, sore muscle, sciatic pain, rheumatic twinge, lame back, you'll find a warm, soothing relief you never thought a liniment could produce. Won't stain the skin, leaves no muss, wastes no time in applying, sure to give quick results. A large bottle means economy. Your own or any other druggist has it. Made in Canada. Get it to-day. 35c., 70c., \$1.40.

**Sloan's Liniment**  
Keep it handy

**ONLY TABLETS MARKED "BAYER" ARE ASPIRIN**

Not Aspirin at All without the "Bayer Cross"

For Colds, Pain, Headache, Neuralgia, Toothache, Earache, and for Rheumatism, Lumbago, Sciatica, Neuritis, take Aspirin marked with the name "Bayer" or you are not taking Aspirin at all.

Accept only "Bayer Tablets of Aspirin" in an unbroken "Bayer" package which contains complete directions. Then you are getting real Aspirin—the genuine Aspirin prescribed by physicians for over nineteen years. Now made in Canada.

Handy tin boxes containing 12 tablets cost but a few cents. Druggists also sell larger "Bayer" packages.

There is only one Aspirin—"Bayer"—You must say "Bayer."

Aspirin is the trade mark (registered in Canada) of Bayer Manufacturing of Germany, and is well known that Aspirin means Bayer manufacture, to assist the public against imitations, the Tablets of Bayer Company will be stamped with their general trade mark, the "Bayer Cross."

**SHILOH**  
30 DROPS COUGHS

**PIMPLES ITCHED AND BURNED**

Face Was Badly Disfigured, Cuticura Soap and Ointment Healed.

"Small red pimples and blackheads begun on my face, and my face was badly disfigured. Some of the pimples flamed out while others sealed over and there were places where the pimples were in blotches. They used to itch and burn terribly."

"I saw an advertisement for Cuticura and I tried them. They stopped the itching and burning and I used four cakes of Soap and three boxes of Ointment which healed me." (Signed) Miss V. A. Hayne, Stormont, N.S., Dec. 26, '18.

The Cuticura Toilet Trio, consisting of Soap, Ointment and Talcum, promotes skin purity, comfort and health when used for everyday toilet purposes. For Sample Cakes Free by Mail, address: "Cuticura, Dept. A, Boston, U.S.A." Sold everywhere.

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## HELP WANTED.

**LAD**