A SMOKY GRATE.

Simple Remedy Which It Is Claimed Will Cure It.

Don't think that because the grate flue is defective and throws smoke into the room or does not draw properly there is no remedy, for, according to a flue expert, few chimneys built for fireplaces are so constructed that they cannot be fixed to give entire satisfaction.

"A grate flue with angles is bound to cause trouble," says this expert, "for unless the inside surface of the chimney is curved and smooth the free outward passage of smoke is obstructed, with the result that it strikes the angles of the flue and will be thrown back into the room. There should be nothing but curves in a fireplace flue when it is impossible to build it straight or funnel shape, and these rounded corners should not slant more than forty-five degrees. To make sure that the chimney is smooth inside it should be lined with terra cotta piping, and it would be well for every housewife who has been troubled with bad flues to find the cause.

"If there are no angles and the inside of the flue is smooth, then the most prolific causes of smoky grates are eliminated and the trouble is probably in the masonry or perhaps in the height of the chimney.

"It may be well for every woman to know that a flue to draw satisfactorily must come directly into the center of a fireplace, for when it does not there are always eddies of smoke at one side of the grate. Most important of all, however, is the size of the flue, for unless it is one-fifteenth as large as the fireplace there will be difficulties in burning either wood or coal. No flue should ever be smaller than eight inches square in a grate that is about thirty inches long and the same number of inches in width. In larger fireplaces the chimney is proportionately larger, and experienced builders make the big grates low but wide instead of on square lines, as with small fireplaces.

"Where a chimney does not draw it is often the result of a shutting out of

REMEDY FOR SMOKY GRATES.

air by high houses, and to overcome this the flue must be built at least as high as the surrounding buildings. This difficulty is frequently complained of in old houses around which tall buildings have been constructed. Occasionally it is necessary to run up a flue fifty feet above the roof to get the air necessary to make a fire burn and carry off the smoke.

"Where a grate fire does not throw out as much heat as it should from the amount of fuel consumed the reason is usually because the flue is more than one-fifteenth the size of the grate, and so the effect of much heat is lost, being drawn up the chimney by the draft. When the flue is too small for the size of the grate a smoky room is generally the result.

"If a grate smokes when the first fire of the season is started a woman should not be alarmed and think that this difficulty will continue throughout the year, for until bricks and mortar are warmed through all chimneys, no matter how perfectly constructed, will throw smoke back into the room. As soon as the flues are warm, however, the smoke will pass out freely. Many housekeepers who realize that cold chimneys smoke invariably put burning paper into them and in this way take off the chill before starting a fire at the beginning of the fall or winter seasons or when the flue has not been constantly used in cool weather.

"Many flues smoke simply because they are filled with soot and need to be cleaned by a chimney sweep. At the beginning of each autumn season all grate flues should be thoroughly swept."—New York Telegram.

Testing Flour.

There are several methods of testing flour, one of which at least should be known to every purchaser of household provisions. If flour is white with a yellowish straw color tint, it is good, while if it has a bluish cast or black specks in it it is the opposite. Flour can also be tested by its adhesiveness. Wet and knead a little of it between the fingers. If it works soft and sticky it is poor. If a little flour is thrown against a dry smooth surface and it falls like powder you may know that it is not of the best quality.

Have Merciful Lights.

When you are planning a small dinner party—and small circles are always more congenial and successful—be sure, says an exchange, not to light your table anywhere except from above. Hold a light on your own face in front of a mirror and see how the telltale shadows catch every wrinkle and blemish, every tired line, every imperfect point in face or costume. Then be merciful to your feminine guests, whether they be buds or full blown roses, and subject them to no such test as the light from overhead.

Your Furniture

May need repairing. H. Gessner will do the work. Also painting, papering, finishing and interior decorating. See him. In the Benson building on Main street, between Third and Fourth.

H. GESSNER.

A MENACE TO BABIES.

Well Meaning Folk Who Know Not How to Approach Infants.

The man who was interested in child study was protesting against the antics of most adults in the precence of babies, says the New York Press. "Why will a grownup act toward a baby in a manner that would be violently resented for another adult?" he said. "Just notice what most of us do when a fond mother brings her baby to our attention. We make horrible faces and outlandish sounds. We distort our features, bulge our eyes, wave our arms and get almost up into the face of the little one. I saw a tender hearted man the other day drive a child howling in terror to its mother because he was unwittingly doing all the things possible to make a monstrosity of himself. He drew his head down close to his shoulders so as to make a hump, he kept running his neck forward, he teetered back and forth dizzily, his eyes hung above the brim of his sockets like lobsters' eyes, he put his distorted visage within six inches of the baby's face, and all the time he was emitting a sound that would have been creditable to a Callban. The sight was repulsive enough to me, and I didn't wonder that the baby shrieked in alarm. And then what should that tender hearted man do but offer the baby a pocket comb to chew.

"But he was unaware of how he was sinning. He loved babies, and he thought his method was the proper one to make the babies love him. If I had been that mother, however, I'd put my baby under lock and key every time that man came into the house. And he was only one of the thousands of people who do not know how to be really polite to babies."

For Sale.

Cypher's Incubator and Brooder, 220 eggs capacity for sale. Call on or address

C. RHOADES,
Cor. 7th and Oak Sts., Hillsboro, Or.

TRY YOUR HOME PAPER.

A Few Words of Advice to Budding Newspaper Women.

If you are a newspaper woman born you will "make good" in your home town. I do not care what the size of the paper. You will create a demand for your services. If you cannot please the editor there, if you cannot induce your neighbors to give you news, what do you expect to do in a strange city with an editor driven to desperation with work and women to interview who place statuesque butlers between you and the news you would learn?

I speak from my heart, dear girl with the pen, when I say, "Beg the editor of your home paper to try you out and then make yourself invaluable to him before you try your wings in the great city."

You may have influential letters, you may have diplomas and pretty frocks and a prettier smile, but in the great city where you think there must be hundreds of openings for ambitious girls you will find competitors with the same influential letters, good frocks and pleasing smiles already on the ground, a hundred to every opening. And when you tell the editor you have had no experience, but are willing to learn, he will inform you that he does not run a kindergarten for reporters.—Anna Steese Richardson in Woman's Home Companion.

KITCHEN HELPS.

To open a fruit jar try placing a warm flatiron on the cover for a few moments.

To remove the scraping of cake batter from the bowl an ordinary calling card is better than a spoon.

To prevent a gas stove oven from rusting, as it does if care is not taken, rub the entire inside with a flannel cloth saturated with sweet oil.

An admirable plan for cleansing a coffeepot and the surest method of keeping it without stain or odor is to wash it occasionally with strong, hot borax water.

A good place for the rolling pin may be made by screwing two curtain pole brackets to the inner side of the kitchen closet door just far enough apart to hold each handle of the pin.

It is a good plan to tack a piece of white oilcloth on the wall back of each of the kitchen tables, as otherwise it will soon become discolored and greasy—a result that is almost unavoidable otherwise.

To Clean Flower Vases.

Put a few drops of ammonia in the water when you are washing flower vases out, especially if they are the long, spindly kind impossible to get your hand to the bottom of, or put potato parings in, exactly as you do when you are washing out cut glass bottles, and let them stand overnight. Not only is the little sediment that falls to the bottom of a vase untidy, but it is likely to interfere seriously with the length of time the next flowers you put into that vase last.

To Clarify Drippings.

To clarify drippings have ready a large panful of boiling water. Into this pour the hot drippings. Stir thoroughly for a few minutes and then let the whole become quite cold. The clean drippings are then easily removed from the top of the water, all the impurities sinking to the bottom. After frying the drippings are treated twice in this way and allowed to be tried out until all water has evaporated.

Hat Wings.

Those wings and breasts of birds which ruffle up so dreadfully when the wind blows them the wrong way and which soon grow shabby from its rough treatment may be protected by a covering of mallines. It should be a perfect match for the breast or wings and should be laid smoothly, but easily, on and tacked with invisible stitches into place. It adds more than double to the life of the plumage.

The Oregonian and Independent, one year, $2.

A BLUE ROOM.

Scheme For Decorating, Draping and Furnishing It.

If a blue room is desired, cover the side walls with robin's egg blue cartridge paper to the picture rail, having a cream ceiling with frieze of forgetmenots. A Japanese matting may cover the floor, with blue and white rugs strewn about. The furniture should be white enamel. In one corner arrange a long, wide corner seat with lots of pretty cushions, and place a dainty tea table in the angle, with a pretty blue service upon it and a forgetmenot embroidered cloth. Suspend above the table a brass lantern, and in the space between the top of the seat and picture rail have a frame to hold the pictures of "professional" friends or those in public life who make interesting topics of conversation.

Draperies of white pongee, with embroidered forgetmenot borders, would be most girlish and effective. The open fireplace should be fitted with wrought iron fixtures. Swung under the mantelpiece is a collection of pitchers, from the tiniest to the one which does not encroach beyond the width of the mantelpiece. A threefold screen of bamboo, with two panels of silver and blue embroidery and the center panel of white drawing paper for the autographs of the friends of the fair one who are privileged to take tea in this dainty apartment, would be charming. The paper may be backed with stretched canvas if one is talented enough to paint a design thereon. In one corner have built a corner closet running to the picture rail and three feet across, with a diamond paned door and shelves twelve to fourteen inches apart, to be used as a "souvenir closet." A pretty divan should have a Dresden reading lamp placed on a low table beside it, while the table itself may be covered with white suede, painted with peacock's feathers.

THE KITCHEN.

Make It Pleasant by Introducing a Cozy Corner.

Take the most pleasant corner in your kitchen, where the view from your window is restful to the eye. Fasten securely to one side a bracket, on which, in summer, you can place a pot of flowers or a pretty vine, says the Housekeeper. Change them occasionally—it is like looking at a new picture. Have an easy rocking chair, if only the good, old fashioned wooden rocker, with soft cushions well covered with a washable material, a footstool on which to put the tired feet, a little stand, with workbasket and magazines on it. Then be sure to use the corner if only a few minutes at a time. Do not let the workbasket be filled with coarse patching or socks to mend, but with something dainty and pretty that will lift the mind from the occupations you are nearly always engaged in. Let your reading be something restful, a delightful little love story or a pleasant trip to some place you have always wished to see. You will find the moments so spent will bring you back to your work rested in both body and mind.

DRESS HINTS.

A tall, graceful type of woman only should attempt the empire gown. The stout woman should never wear it.

A piece of ammonia will keep gloves in good condition if placed in the box with them. Care must be taken, however, that the ammonia does not touch the gloves.

Always remember that a large arm scye means the shortening of your waist line and that if your shoulder seam drags toward the back it will give you a round shouldered appearance.

In washing velveteen cold water must be used for rinsing. The velveteen must be dried quickly before a hot fire with the wrong side out and ironed over a thick pad of soft blanket.

Black kid gloves that have become worn and white at the fingers may be made to look almost as good as new by using a few drops of sweet oil and black ink, equal parts, well mixed and applied with a camel's hair brush.

FOR YOUNG FOLKS

THE FIRE EATER.

He Swallows a Night Light, Wick and All, With the Oil.

You have all heard perhaps of the trick by which an amateur juggler eats a lighted candle right before the eyes of the spectators. It seems a somewhat wonderful feat, but it is simple enough when explained. The candle is made of a piece of an apple neatly pared and trimmed, and the wick consists of a bit of almond, which burns on account of the oil that is in it.

Here is a trick that is better than that, however. It is nothing less than

SWALLOWING A NIGHT LIGHT.

swallowing a night light, wick and all, together with the oil in which it floats. The night light is cut out of an almond, a little pointed bit of it serving as a wick, while the oil may be well and easily imitated by a little lemonade, which is colored as yellow as may be with orange juice.

Having allowed the light to burn a little while, give the glass a shake, which will send the light to the bottom, extinguishing it and cooling it instantly. Then you may drink the contents of the glass and chew the almond at your leisure.—Exchange.

THE CROWING HEN.

A Jolly Game In Which Any Number of Players May Join.

Any number of boys and girls may play this jolly game. The players take seats in a row or in a circle, as they prefer, and a leader is chosen, who takes position at one end of the row or in the center of the circle.

The leader begins the game by saying, "I have a hen," and the player at the leader's left hand repeats it after him to his left hand neighbor, who in turn repeats it to his left hand neighbor, and so on, until all the players have repeated it, when the last player turns back to his right hand neighbor and asks, "Has she feathers?"

This question travels back to the leader, who answers, "She has feathers." The answer travels down the line to the left, when the last player asks of the player on his right, "Can she walk?" When this question reaches the leader the play continues with answer and questions, "She can walk." "How does she walk?" "Wiggledy-woggledy, wiggledy-woggledy."

As the leader says this he imitates with his hands the walk of a chicken, and each player as he repeats it does likewise.

"Can she crow?" "She can crow," each imitating the crow of a rooster.

These questions and answers may be continued to cover all a hen's actions, the object in the game being to keep from laughing, which will be found a hard thing to do, as the game makes lots of fun.

Any one who laughs during the game or who repeats a question or an answer wrong—as it must be an exact imitation—must pay a forfeit.

Word Guessing.

One of the players thinks of a word and says: "I have a word of six letters. The first letter is 'g' and the last is 'a.'" The guessers are allowed to ask any questions they like, which the leader is bound to answer if he can do so without actually telling the word. The player who guesses the word correctly chooses the next one, and a prize is won by the player guessing the largest number of words.

Conundrums.

Why are troublesome visitors like trees in winter? Because it is a long time before they leave.

In what color should our friendship be kept? In violet (inviolate).

Why is india ink like a cunning Hottentot? Because it is a deep black.

What a Camel Can Do.

A camel can easily carry a weight of 1,000 pounds on its back, about four times as much as a horse can carry. The camel begins work at the age of four and is useful for half a century. The horse, as a rule, is nearly played out at the age of fifteen.

Wanted—Gentleman or lady with good reference, to travel by rail or with a rig, for a firm of $250,000.00 capital. Salary $1,072 00 per year and expenses; salary paid weekly and expenses advanced. Address, with stamp, Jos. A. Alexander, Hillsboro, Ore. no. 5

Subscribe for The Independent.

Old Photographs.

There are few homes which have not numerous old photographs too precious to be thrown away, yet of interest to few besides the immediate family. These generally take up too much space to be kept where they can be got conveniently and so are carefully put in boxes in the storeroom or attic to be kept from the dust. So when one would gladly pass a few moments looking on the familiar faces and scenes, alas, it is too much trouble to get them out! Here is one solution of the problem: Put the photographs in clear hot water, and in a short time the pictures can be easily removed from the cards. When drying, either trim down the pictures (to economize space) or cut away the background entirely. The last requires care, but can be done without destroying the outline. Mount these in a scrapbook, or, better still, a book made especially for kodak pictures.

LEGAL ADVERTISEMENTS

Executor's Notice.

Notice is hereby given that the County Court of Washington County, Oregon, has appointed and confirmed the undersigned as executor of the last will and testament of Elias Olson, deceased, and that he has duly qualified as such. All persons having claims against said estate are hereby notified to present them to me, with proper vouchers annexed, at the law office of S. B. Huston and Benton Bowman, at Hillsboro, Oregon, within six months from this date.

Dated this December 29, 1906.

OLUF NORDLUND,
Executor of the Last Will and Testament of Elias Olson, deceased.
S. B. HUSTON and BENTON BOWMAN,
Attorneys for Executor.

Executor's Notice.

Notice is hereby given that the undersigned have been by the County Court of Washington County, Oregon, duly appointed executrix and executor of the last will and testament and estate of Ernst Ludwig Steinhoff, deceased, and have duly qualified as such executrix and executor. All persons having claims against said estate are hereby required to present the same to us, with proper vouchers, at the law office of M. Bailey Bump, in Hillsboro, Washington County, Oregon, within six months from date hereof.

Dated at Hillsboro, Oregon, this January 10, 1907.

ANNA STEINHOFF,
Arthor Edwin Steinhoff, executor and executrix of the last will and testament of Ernst Ludwig Steinhoff, deceased.
M. BAILEY BUMP, Attorney for the Estate.

CITATION.

In the County Court of the State of Oregon for Washington County.
In the Matter of the Estate of
CHRISTIAN ROTTGER, Deceased.

To all unknown heirs of Christian Rottger, Deceased, and to all persons interested in said estate, Greeting:

In the Name of the State of Oregon.

You are hereby cited and required to appear in the County Court of the state of Oregon, for the County of Washington, at the Court Room thereof, at Hillsboro, in the County of Washington on Monday, the 11th day of February, 1907, at 10 o'clock in the forenoon of that day, then and there to show cause if any you have, why an order of said Court should not be made authorizing and directing the administrator of said estate, to sell the real estate belonging to said estate at private sale, for cash in hand, as prayed for in the petition of the administrator of said estate filed herein, and said property being described as follows, to-wit:

Lots numbered seven and eight of section twenty nine and the lots numbered eight and the northeast quarter of the southeast quarter of section thirty in township one north of range four west of Willamette Meridian in Washington County, State of Oregon, containing 158.55 acres.

WITNESS, the Hon. J. W. Goodin, Judge of the County Court of the State of Oregon, for the County of Washington, with the Seal of said Court affixed this 10th day of January, A. D. 1907.

J. W. GOODIN, County Judge.

[SEAL]
Attest: E. J. GODMAN, County Clerk.
M. BAILEY BUMP, Attorney for Estate.

One Dollar will

fit you to eye glasses or spectacles. Perfect fit guaranteed.

Your eyes fitted at home. Write for free booklet describing our method

Remember, the glasses we fit you to are worth $3.50 any where on earth. Our price, only $1.00

OUR REPAIRING department is now complete. Main spring $1.00. Watchcleaning $1.00. Send your work by registered mail. $2.50 repairs any watch.

METZGER & CO
111 SIXTH STREET, PORTLAND, ORE.

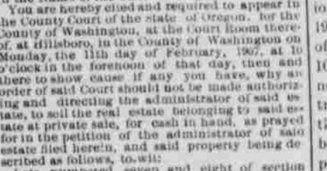
KILL THE COUGH AND CURE THE LUNGS

WITH **Dr. King's New Discovery**

FOR CONSUMPTION COUGHS and COLDS

Price 50c & $1.00 Free Trial.

Surest and Quickest Cure for all THROAT and LUNG TROUBLES, or MONEY BACK.



Eyeglass fitting is too important a matter to rush into "with your eyes shut." If your eyes wear out, they're gone forever. When you buy glasses, see to it that you get glasses that are just right. We have the knowledge, experience, expensive up-to-date apparatus and skilled employes to make them just right. Consultation costs you nothing. Write for our booklet. It contains valuable information about the care of the eyes. We will send it to you free—post paid.

MUNSELL OPTICAL CO — PHONE MAIN 1505 — MACLEAY BLD. 4TH AND WASH. STS. PORTLAND, ORE.

Ladies', Infant's and Children's Furnishing Goods

Having purchased the stock of Ladies' Furnishing Goods of Mrs. Eva B. Pillsbury I shall continue the business at the old location, one door east of the Tualatin Hotel, and add to the stock a complete line of infant's and children's furnishing goods, as well as other articles pertaining to the business. Quality will always be as good as the market affords and prices will compare with those in Portland. I shall continue to furnish the best in Millinery.

Thanking the ladies for their liberal patronage, I am, Respectfully,

MRS. IMOGENE G. BATH.

Ammunition and Gun Supplies

Has that umbrella of yours a broken rib, handle, or any other of the numerous ailments it is subject to? Bring it to me and I will fix it for you. I have a complete line of ammunition and gun supplies. Guns cleaned and repaired on short notice. All work guaranteed satisfactory.

R. Lee SEARS, Successor to Bennett.

Wanted: Lady to advertise our goods locally. Several weeks home work. Salary $12.00 per week, $1.00 a day for expenses. SANDERS CO. Dept. W. 46-48 Jackson Boulevard. Chicago, Ill.

Coming Attractions.

The following attractions are billed at the Crescent theatre with their dates. All of these are said to be first class shows:

"New York Minstrels."date cancelled.
February 1—"The Midnight Flyer."
February 23—"The Missouri Girl"
March 1—"Nettie, the News Girl"
March 19—"King of Tramps."

Cured of Lung Trouble.

"It is now eleven years since I had a narrow escape from consumption" writes C. O. Floyd, a leading business man of Kershaw, S. C. "I had run down in weight to 135 pounds, and coughing was constant, both by day and by night. Finally I began taking Dr. King's New Discovery, and continued this for six months, when my cough and lung trouble were entirely gone and I was restored to my normal weight, 170 pounds." Thousands of persons are healed every year. Guarantee at all drug stores. 50c and $1.00. Trial bottle free.

Reduced Round Trip Excursion Rates to Pacific Coast in 1907.

During the summer season of 1907, reduced round trip excursion rates will be in effect from the East to the Pacific Coast, Montana, British Columbia and Arizona points.

Rates from Chicago via direct lines to North Pacific Coast points will be $75, and from Missouri river common points (Council Bluffs to Kansas City inclusive) also St. Paul and Minneapolis, rates will be $60, St. Louis $69 and Denver, Colorado Springs and Pueblo $50. Rates to Spokane and points effected will be $5 less than to the coast. Rates one way via California will be $13.50 higher than those above mentioned. Tickets will be on sale daily, June 1st to September 15, 1907, with final return limit of October 31, 1907.

Account of Twenty-third International Christian Endeavor Convention at Seattle, Wash., July 10th to 15th, 1907; Convention of Baptist Young People's Union, Spokane, Wash., July 4th to 7th, 1907; Grand Lodge Independent Order of Good Templars, Seattle, Wash., July 16th to 22nd, 1907, rate of one lowest normal first class limited fare for round trip for direct routing with $12.50 additional one way through California, has been named to North Pacific Coast points and Spokane from Chicago, St. Louis, Missouri River and Coloradio points. Sale dates east of Colorado points, June 20th to July 12th, 1907, west, June 21st to July 13th, 1907, final return limit September 15th, 1907.

Account of Mystic Shrine Convention, Los Angeles, May 9th to 11th, 1907, and Conference of German Baptist Brethren, Los Angeles or Long Beach, Calif., May 16th to 23rd, 1907, and National Eclectic Medical Association, Long Beach, Calif., June 18th to 23rd, 1907, one lowest first class fare for the round trip has been authorized to Los Angeles and San Francisco with $12.50 additional for tickets routed one way via Portland. Sale dates, Mystic Shrine and German Baptists, April 25th to May 10th, 1907; final return limit July 31st, 1907, and for the M. E. M. association, sales dates June 8th to 15th, with final return limit August 21st, 1907.

WM. McMURRAY,
G. P. A., O. R. & N. and S. P. Rys.

How to Cure Chilblains.

"To enjoy freedom from chilblains," writes John Kemp, East Otisfield, Me., "I apply Bucklen's Arnica Salve. Have also used it for salt rheum with excellent results." Guaranteed to cure fever sores, indolent ulcers, piles, burns, wounds, frost bites and skin diseases. 25c at all drug stores.

For Sale.

A new Mitchell Wagon, been used but three months; good as new, will be sold cheap. Phone Pacific States Main 395. Forest Grove, Oregon.

Wise Counsel From the South.

"I want to give some valuable advice to those who suffer with lame back and kidney trouble," says J. R. Blankenship, of Beck, Tenn. "I have proved to an absolute certainty that Electric Bitters will positively cure this distressing condition. The first bottle gave me great relief and after taking a few more bottles, I was completely cured; so completely that it becomes a pleasure to recommend this great remedy." Sold under guarantee at all drug stores. Price 50 cents.

Wanted—10 men in each state to travel, disiribute samples of our goods and tack signs. Salary $85.00 per month; $3.00 per day for expenses. SAUNDERS CO., Department P, 46 Jackson Boulevard, Chicago, Ills.

A Few of Lowneys Left.

We still have a few of these beautiu boxes of Walter Lowney's fancy chocolates left from Christmas and New Year trade, but they are going rapidly. We can fix you out with the best in this line. L. J. PALMATIER.

When in Hillsboro, call at the—

Home Style Lunch and Coffee House

We will treat you right. In the Benson building on Main street, one-half block east of court house, near Farmers' Feed Shed. Phone, Ind. 494.

D. E. PIZER, Proprietor.