

Arc Welding is Now Done Under Water

(By Shakes)

Shortly after the war, engineers were astonished to learn that Europeans had successfully used the oxy-acetylene torch for work under water. It was pressure is fed into these holes and claimed and proved at that time that emerges at the edge of the arc. the torch was capable of cutting metal of almost any kind far below the level of the sea and thus opened great pos- of molten metal, comes from the arc sibilities in salavaging many of the ships torpedoed and sunk during the the older oxy-acetylene method, is

bristled with tales of hunting treasure | which the "torch" is used does not afunder the sea, using the torch to cut fect its efficiency. away steel plates leading to the vaults. first place, it must be lighted before the diver descends and the only way to come up to surface. Then too, the torch must be held at certain angles, else it goes out.

not only of cutting, but welding metal underwater by means of an electric arc. method has spread so quickly in North him out.

placed the older idea.

Metal under water provides a perare of the high temperatures of the electric furnace. This contact is pro- | 1 vided by a carbon rod through which two small holes are drilled. When in operation under water, oxygen at high crackling noise, made by the rapid expansion and contraction of the globules when in operation. It cuts faster than cheaper, and can be used for a greater Adventure story magazines have variety of purposes. The angle at

At first alternating current was used But not everything is possible under for the arc but this was found to be water with the cxy-acetylene affair, in- too dangerous. If the carbon came at tense though its heat may be. In the all close to the metal parts of the diver's suit, it was likely to produce dire effects, since the diver himself of lighting it again should it go out is made a fine "ground" for the current. Now, direct current is used and greater safety for the diver has been attained. Still, the man operating the arc dare Now engineers announce the success not be careless. Should be bring the carbon too close to his suit, he might Fantastic though it sounds, the new get a shock that would at least knock





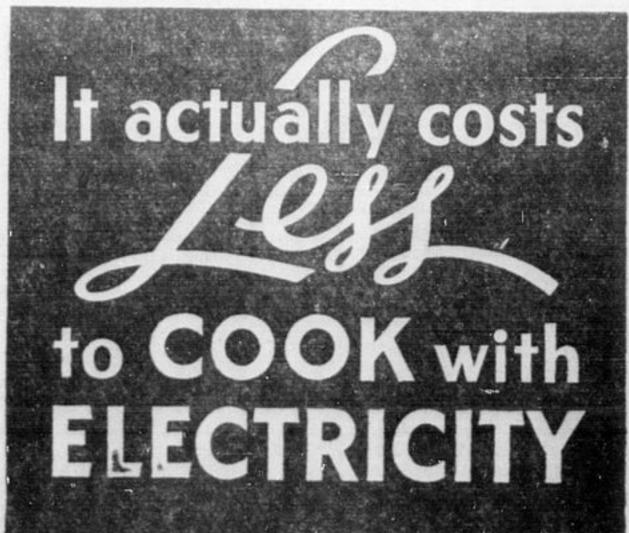
"Just choose your menu, snap my switch - AND LEAVE THE REST TO ME. You don't have to worry about my cooking heat: you don't have to hover over me to see whether or not I'm doing the job properly. You take that

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for granted, going about other things or enjoying a good rest. Then . . . when mealtime comes, all you do is dish up and serve my culinary masterpieces to a delighted family, taking all the bows for the full, rich nourishment and flavours I've so carefully retained."



Various Ways to Use Fresh Strawberries

Recipes for Strawberry tray. Sauce, Raspberry Mousse, Raspberry Rice, Etc.

As each fruit as it appears on the market has some particular appeal, fresh raspberries served with cream and sugar never really lose appeal, but | very cold. a little variety in serving improves them. The following recipes, prepared by the Fruit Branch, Dominion Department of Agriculture, suggest some delectable methods of using fresh rasp-

> Raspberry Sauce (For puddings or ice cream)

2 cups raspberries

14 cup fruit sugar Crush berries with sugar and allow one at a time, then add chocolate to stand one-half hour. Press through which has been dissolved in boiling a fine sieve, beat well with a fork and | water, then milk in which soda has

chill before using. Raspherry Mousse

1 cup raspberries 24 marshmallows

1/2 cup milk

14 cup whipping cream

mallows. When thoroughly cold, but just beginning to set, then fold in whipped cream. Freeze in refrigerator

Raspberry Rice

2 cups cooked rice 1/2 cup whipping cream

2 cup raspberries 4 tablespoons sugar

Whip cream, add sugar and cold rice, then carefully fold in raspberries. Serve

Raspberry Chocolate Cake

1/2 cup butter 1 cup brown sugar

powder

2 eggs 1/2 cup sour milk-1/2 teaspoon soda 2 oz. (or 2 squares) chocolate

1/2 cup boiling water 11/2 cups flour-2 teaspoons baking

Cream butter and sugar. Add eggs been dissolved, then flour and baking powder. Bake in 2-layer cake tins, When cool put together and ice top

with following icing:-Crush 1 cup raspberries and add 2 tablespoons melted butter. Stir in Melt marshmallows in milk in top sufficient icing sugar to make icing.

fect "ground," so all that is necessary is a high tension contact to produce an Summer Lunches Should be Light and Appetizing

Addition of Hot Soup and Hot Beverage will Turn Meal Plan for Hot Day into Satisfying One, if the Weather Should Suddenly Turn Cold.



(By EDITH M. BARBER)

Summer luncheons should be light and appetizing whether they are party luncheons or just every day home meals. the meals are planned for a warm day, the addition of a hot soup will easily a hot beverage will be just right.

In warm weather we naturally depend upon sandwiches and salads for There are so many different

kinds of both of these that we would not need to use the same one twice all summer. Of course, we will because time for a hot roast beef sandwich with gravy or a chicken club sandwich. Toasted cheese and bacon, broiled tomato and bacon or scrambled eggs with onions and minced ham are all suggestions for satisfying luncheon sand- (fear of an ailment), there is a specific wiches.

Meat, fish or potato make hearty salads. The first two usually have mayonnaise or cooked dressing. Fruit and vegetable salads are lighter and are usually served with sold meat or apt to be depressed and irritable. cheese and egg dishes. Then there are the frozen and jellied salads of vegetables and fruits.

Omelets or other egg dishes with a vell seasoned sauce and cheese dishes both fit into warm weather lunches Try grilled sardines with tomato jelly some day or salmon loaf or deviled shrimp or tuna.

For luncheon desserts there is nothing better than the fruit which is at its best at the moment-melons, berries. If a sudden cool day comes upon us and pineapple and cherries. Be sure they are chilled before serving. They may be made more elaborate by serving ice make it into a satisfying meal, or the cream with them or by mixing them cold sandwich may be toasted and with with marshmallows. Cookies or cake may be added also.

For beverages for hot weather Luncheons we find those who prefer hot tea to any cold drink with a meal. Others like iced tea or coffee, ginger ale, cocoa, grape juice, or lemonade. It is often possible to give a choice and then eyeryone will be satisfied.

Ginger Ale Salad 2½ tablespoons gelatin.

3 tablespoons cold water

1/4 cup boiling water

14 cup chopped nuts

¼ cup lemon juice

2 tablespoons sugar 1 cup ginger ale

½ cup grapes 1 small banana

Soak gelatin in cold water five minutes and dissolve in the boiling water. Add lemon juice, sugar and ginger ale. Premier Embarks on Tour Cut grapes in quarters and remove seeds. Separate oranges in sections and

remove, membrane. Slice banana, When ginger ale mixture begins to thicken fold in the fruit and nuts with fruit salad dressing. Mexican Sandwich Filling

1 cup tomatoes

½ can pimientos

1 cup shredded dried beef ¼ pound American cheese

Chili powder

Break beef into small pieces, put into pan and cook without extra fat until brown. Add pimientos cut small, and ing until melted and well mixed. Sea- be ready any time for a contest. son with salt, pepper and chili powder. Chill and spread between slices of bread, rolls or on slices of toast.

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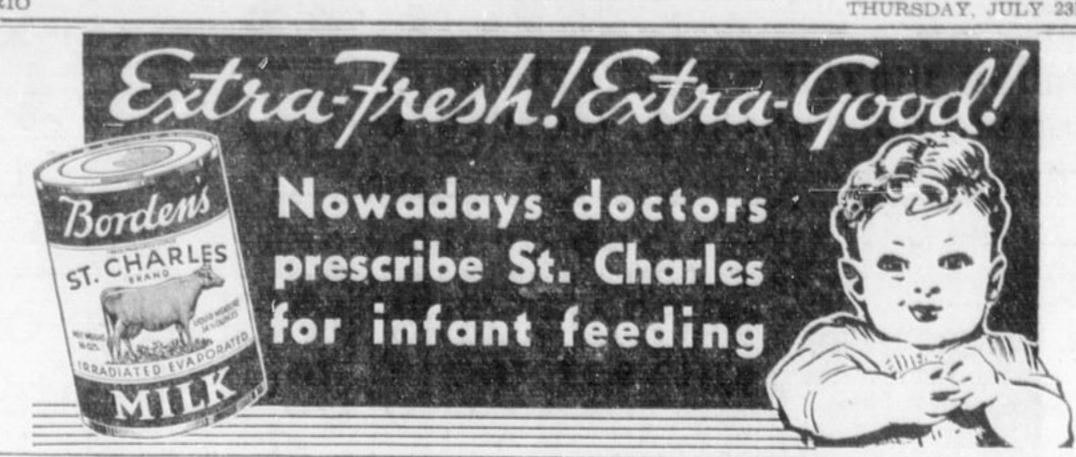
Blame Dismissals Policy for Some of the Fire Hazard

The increasing fire hazard, destruction of valuable timber, and the existing menace of many settlements in Northern Ontario, are attributed by observers to wholesale dismissals of fire rangers by the Hepburn government,

according to a Toronto despatch. The reduction of the staff of the forestry department is claimed to have accentuated the dangerous situation brought by the extreme dry spell, and is felt to have had much to do with the headway made by the fires.

According to a return made by the government during the past session of the legislature, 27 members of the department were dismissed from the service. Included in the dismissals were pilots of the forestry patrol, service, ground men and foresters.

Literary Digest:-Proprietors of a Rochester, New York, bowling alley want to know what to do about burglars who can't read. They hung up a sign reading "This safe does not contain money,' but yeggmen got away with \$1,100.





Pours By James W. Barton, M.D., Toronto

That

Body

Lack of Thyroid Juices Causes

Backwardness having too much juice manufactured construction. Ordinarily, there should draft to prevent smoking even on by the thyroid gland in the neck. This be no doors or windows on either side. causes nervousness, rapid heart, tired- Never should the fireplace extend far mum amount of heat. Information ness and loss of weight. All the body out into the room. Sufficient space should be obtained from the manufac-

is not enough thyroid juice manufac- the hearth. tured and the individual is listless, not The style of the hearth depends on pit and clean-out are desirable. active mentally or physically. There is the period and interior accorating usually an increase of weight because scheme of the room. An enameled the body processes do not burn up the Colonial mantelpiece, for example, is Try The Advance Want Advertisements food well and so allow storage of fat This ailment is known as larval myxedema or incufficient thyroid and in we have our special favourites. The addition to symptoms outlined above day after the Sunday roast is a good there is low temperature, cold hands

Dr. A. J. E. Akelaitis, Rochester, N.Y. in the Journal of Nervous and Mental Disease declares that in every case of myxedema, where there is no psychosis mental condition as shown by the mental and physical backwardness, and an ever present feeling of tiredness. As these patients realize that they are a little backward in everything, they are

The most frequent type of mental disturbance in these cases is where there seems to be a combination of delirious imaginings with hallucinations (when the patient thinks he sees or hears things that do not exist). With this is a clouding of the consciousness so that the patient has difficulty placing himself, things, or other people and he may believe he is being persecuted.

Dr. Akelaitis further states that this lack of thyroid juice may start a mental disturbance in the nervous type of individual. "Definite improvement occurs in myxedema under treatment with thyroid extract and the treatment should be individual in each case. It is advisable to start with small doses of thyroid because these patients are ex-

tremely sensitive to thyroid extract." When the symptoms of myxedema (backwardness mental and physical tiredness and overweight) are prominent, it is not hard to tell what is wrong. However there are various ailments such as rheumatism, neuralgia, pain in lowest part of spine, sluggish liver, constipation, extreme mental sluggishness in backward children, where the underlying cause is due to the fact that there is not sufficient thyrold juice being manufactured (myxedema)) to fight off the poisons of these

Ontario, is reported as greatly improved Turn into a mold which has been dipped in health and started now on a regular in cold water. Chill, remove from mold, tour of summer public meetings. He is formed into conical peaks, and are on garnish with crisp lettuce leaves, serve to open the Canadian National Exhibition at Toronto on August 28th and between now and then he is said to The term Flat Candlestick is descrip- matches, gay-tipped ones, sometimes have a dozen or more public speaking tive only to a degree, for of course the arranged in circles of contrasting colors, engagements. The places at which he candlestick is not actually flat. It is so sometimes in one color. These fillers will speak this summer seem to be scat- by comparison with tall candlesticks, can be purchased for a few pennies or tered over the province. The North is Another name for flat candlesticks is holders can be easily filled. The dish the only section that appears to be com- bedroom candlesticks. Once upon a about the holder is the ash tray, and pletely missed. There are so many time in the far distant days, candles place for burnt matches Flat candlespeaking engagements for Hon. Mr. and wicks served as illuminating agents sticks of China pottery, brass and silver Hepburn that it looks enough like an and candlesticks and lamps were the when fitted as described add smart tomatoes; stew until well blended. Cut approaching election to justify Hon. lighting fixtures in homes and other novelty notes to interior decoration. cheese into small pieces and add stirr- Earl Rowe's advice to his followers to buildings. For candles, tall and flat (Copyright, 1936, by The Bell Syndi-

Fireplaces Always Add Charm to Home

(Building in Canada)

attention must be given to its location day demand for more colour. and structural detail, and the furnish-I often write about the effects of ing possibilities of the room after its must remain in the room for comfort-However there are cases where this able furniture to be grouped around

correct for a room with enameled trim. A room with rough unglazed plaster walls and stained unvarnished trim is charming with a hooded fireplace in the Italian manner, or a mantel consisting

Care Should be Taken in De- of a single plank of stained wood with hearth and face of brilliant Spanish signing and Constructing glazed tile. A mantel of face brick is This Feature of the House in excellent taste for a great many rooms. A gay, original touch for rooms with white woodwork and light walls As a fireplace is the central attrac- is provided by the hearth of brilliant tion of the room, drawing the family glazed tiles, which are becoming of inand guests to its vicinity, scrupulous creased popularity with the present-

> From the practical standpoint, a fireplace should be provided with a good wet days, and it should give a maxiturers, of special fireplace linings and equipment. For the sake of safety, flue lining and a good tight ash chute and



QUAINT FLAT CANDLESTICK ASH TRAYS, NOVELTIES FOR INTERICR DECORATION



The flat candlestick ash tray (pictured above) is accorative on the table.

A new use for flat candlesticks has (Registered in accordance with the lation purpose to which these candle- to take to bedrooms, being distributed sticks were used, and still are in homes downstairs, so that the light from the minus electricity or gas, a thoroughly candles would illumine the way through modern use has been discovered. So, the dark halls. Because of this use the if you have any of this style of candle- name bedroom candlesticks was someof Meetings in Province stick, now is the time to bring them out times given them, although they were to use for match box ash trays. Or if flat candlesticks. The holder for the Hon. Mitchell Hepburn, premier of you have none of these sticks, you can candle is fixed in the centre of a dish at follow the fashion by purchasing one or one side of which is a little handle. two, as they are now fitted with matches

sale. They are a gift shop specialty.

Flat Candelsticks candlesticks were chief fixtures.

Bedroom Candlesticks een discovered. Instead of the regu- | Flat candlesticks were generally used

Ash Trays and Matches

It is these candlesticks that are among the decorative ash trays for modern homes. The candle holder is filled with

