



Here is a soldering outfit. The hand is holding a tube of "dope" or "solder"; under it is a piece of solder, next the cap that screws on the alcohol torch, next the torch itself and then the soldering iron resting on a milk bottle.

A Few Hints on Soldering

Watch any three experienced amateur building apparatus and you will find three different methods of soldering. Each one will choose the way that is best for his own flexibility of fingers. If he's a double-jointed as the writer, and his fingers are all thumbs, he will sometimes nearly stand on his head to get the job done. But the results are the same.

It's remarkable how many beginners get shy of this little job of soldering. They seem to think there's something very difficult about it. But there really isn't. When you buy your outfit get a very small soldering iron. The working end of mine is only five-sixteenths of an inch square. It looks like a toy and it will not retain heat more than about a minute, but that's all you need for most work and the small head permits of soldering joints in out-of-the-way places that you couldn't reach with a larger iron. I paid forty cents for this.

Then there is the little alcohol blowtorch to heat the iron. This is merely a small cylinder with an asbestos wick at one end. The other end has a screw which you remove in order to fill the tube with wood alcohol or denatured alcohol.

Clipped snugly around the cylinder is a little clamp carrying a metal tube with a small piece of rubber hose at one end. For ordinary use this tube is not employed. I keep it slid down the cylinder out of the way.

Usually I rest the iron on a milk bottle or a pile of books or a box and hold the torch on the table beside it, arranging the height so that the head of the iron is directly above the torch and about half an inch higher. This stage it will into the hottest part of the flame when the torch is lighted. When the iron becomes hot enough you will notice the flame taking a greenish tinge all around the head of the iron. The torch cost me seventy-five cents. In addition to these two things you will need a tube or can of "dope" or "solder" as the radio fans call it. This is a greasy substance which melts when the old-fashioned acid that was used as a nuisance to everybody. There are a number of good makes on the market and a tube or can will cost from twenty-five to forty cents and last for a couple of years of radio use.

In making radio apparatus you will seldom need more than a drop of solder. You go about the job differently from a plumber. My method, which just happens to suit my own queer fingers, is this:

To join two wires I scrape the ends with an emery paper and rub them together tightly with wire pliers. Then with a matchstick I smear a little of the "dope" on them. All this time, of course, the iron has been heating.

When the green flame appears I take the iron, rub it into the piece of solder until I see some of the solder melt and attach to the iron and then I put the wire to the joint and rub it around until the solder comes off of the iron and forms itself around the wires. It adheres about a second. Sometimes the solder will drop off to the table, and this usually means there is dirt there and you'll have to disconnect your wires and clean them with your knife. If you have trouble making the joint the first time, heat the torch and try again.

The Daily Novelette

The Movie Publicity Man

Did It
By Frank H. Williams

HOWARD CUMMINGS had been separated from his wife, Martha, for over a year when he one evening saw her on the screen in a neighborhood movie theatre. She looked more beautiful than ever on the screen—she had always been a particularly pretty girl—and seeing her again after so many months affected Howard deeply.

As Howard gazed at Martha's wistfulness and saw her familiar smile and pliant characteristics, he felt a sudden rush of his old affection for her. The quarrel which had precipitated their separation seemed small and petty; the time since her departure filled up dull and loneliness and he was possessed of an intense desire to find Martha and make up to her.

But when Martha had left him a year ago she had said she was leaving for good. And Martha meant what she said. Was there any possible chance of ever getting her back? Howard anticipated trouble in finding his wife. He knew that movie actresses constantly changing companies, and that movie manufacturers themselves were constantly coming and going. But to his delight, his task proved to be surprisingly simple. The company making the film in which he had seen his wife was still operating, and his name was still employed by the company, according to a telegram he received from the publicity manager of the company in response to his wire.

Howard picked up his grip at once, determined to return to his home forthwith. But, to his disgust, there was no train until late in the afternoon and this made it necessary for him to put in the day in New York.

Howard tramped back and forth on Fifth avenue and Broadway, trying to find interest in the glowing show windows and the never-ending crowds. But he couldn't get his mind off the dismal end of his expedition.

At last Howard turned his steps toward the hotel, as it was nearing train time. Not once did he think of going back to the studio or even of calling up his wife.

His heart was exceedingly heavy as he opened the door to his room. Then, as he stepped into the room, he gave a startled glance toward the window where, seated in an arm chair, was his wife!

"How did you get in here? Why did they let you in?" demanded Howard.

"I showed them that picture in the paper," said Martha. "They couldn't refuse me then."

Howard stepped in the room and closed the door behind him.

"That was a fine piece of publicity!" he answered. "I never thought—"

His wife rushed to him.

F. A. Wallis Urges Examination of Immigrants in Europe
Frederick A. Wallis, former United States Commissioner of Immigration told an audience here last night that a big mistake of this country was in examining immigrants in this country instead of on the other side.

He spoke at the annual dinner of the Elawatha Club in Calvin Presbyterian Church, Sixth and Master streets. His subject was "Immigration."

Mr. Wallis said the examination of immigrants in Europe would eliminate "the great injustice to many who use their life savings, make important preparations and put their all in coming to this country, only to be sent back for some mental or physical defect discovered here which could readily have been discovered abroad."

He said the rejection often broke the heart of the European and sometimes caused suicide.

MAKE THE CHILDREN HAPPY
You'd be surprised what fun they get out of the Invisible Color Book, with its magic pages of Magic Ink Pictures, wonderful color pictures and the interesting drawing lessons. And you receive this Children's Book every Sunday with the Sunday Evening Leader. "Make it a Habit."—Adv.

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at Reasonable Prices
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DAILY PETITION PLANNED
Wives of Imprisoned War Law Violators to Call at White House
Washington, May 6.—Inaugurating what was announced by leaders, as "a daily petition to the President" for release of imprisoned war law violators, the score or more of women and children composing the "children's crusade," led by Kate Richards O'Hare, called yesterday at the White House offices. They were received by Secretary Christian, and through him presented a request to see President Harding.

Mrs. O'Hare on arriving at the White House said that the group would call there daily at 2:15 P. M. until the President granted a hearing or until Attorney General Daugherty took some action on the request for general amnesty for war law violators.

At Last Philly and the Seashore United
Direct connection between the Northeast Boulevard and the White Horse Pike—a short route (as the crow flies) between North Philadelphia and outlying districts and the seashore—no longer a traffic jam.

How to get there
Roosevelt Boulevard to Robbins ave., to foot of Levis street, Tacony, Ferry runs to foot of Cinnaminson road, Palmyra, New Jersey. Direct route to White Horse Pike.

TERMINAL POINTS
Tacony—foot of Levis street
Palmyra—foot of Cinnaminson road

The Tacony-Palmyra Ferry Company Opens This Saturday
MAY THE SIXTH, 1922
At 4 o'Clock P. M.
Great news for the motorist—

—Direct connection between the Northeast Boulevard and the White Horse Pike.
—A short route (as the crow flies) between North Philadelphia and outlying districts and the seashore.
—No congestion or traffic jams.
—A 24-hour service with large, well-equipped boats.
—A 20 and 30 minute schedule.
—Extra service during rush hours and Sundays.

How to get there
Roosevelt Boulevard to Robbins ave., to foot of Levis street, Tacony, Ferry runs to foot of Cinnaminson road, Palmyra, New Jersey. Direct route to White Horse Pike.

THE TACONY AND PALMYRA FERRY COMPANY

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STRAWBRIDGE & CLOTHIER

A Remarkable Sale of Dresses Monday

Exposition of Summer Millinery
MONDAY

FEATURING a fine collection of the Large Hats, in capeline effects, with transparent edges, fluted-net brims and sheer over-draperies; some entire Hats of net or horsehair cloth, with a single ornament or one large, lovely rose for trimming.

Novelty straws, with silk scarfs, knotted and falling to the shoulders; plenty of Taffeta Hats, self-trimmed, and Silk Crepe Hats with exquisite hand-work.

The new Felt Hats are ready and the sportive yedda straws. White, white with navy blue or black, all-black, blue, brown, pastels and bright tones.

Hats for dress and sports wear, for all types and all ages, and plenty for the younger women whose preferences incline to extremes in dress.

Gerry Beauty Preparations
—Have their initial presentation to the women of Philadelphia, Monday. A specialist will be in the Toilet Goods Store to tell you of the merits of these Creams and Lotions. Each compounded according to a scientific formula perfected after years of research and experiment. Women who appreciate the finest will be interested.

Keystone Automatic Telephone
of which the business men of Philadelphia are using upward of 40,000

Men's Blue Serge Suits
With 2 Pairs of Trousers
\$32.50
MONDAY

Men's Blue Serge Suits
You will find that this is an excellent quality of fine-twill serge. It comes in several colors and in the much-desired navy blue. It is 40 inches wide, and the price is low, you'll agree—\$11.00 a yard.

Men's Blue Serge Suits
Suits that any man who knows Clothing would pronounce excellent value without the extra pair of trousers. The serge is of fine, durable quality, all-wool and fast-dye. The styles include smart single- and double-breasted sack coats for men and young men. The tailoring is of the best, and there are practically all sizes and proportions to choose from. Surely wonderful Clothes value at \$32.50.

An Unusual Lot of Blue Serge Suits With Extra Trousers, \$23.50
Conservative sack-coat styles, well-tailored of all-wool blue serge. Excellent Suits from every standpoint of style, tailoring and fabric. All sizes for men of tall, short, stout, slender and regular proportions.



FIFTEEN HUNDRED WOMEN'S AND MISSES' DRESSES—bought for this Sale and shown for the first time Monday at special prices, which are the lowest in years for Dresses of the quality of these.

STREET, AFTERNOON AND SPORTS DRESSES AND CAPE COSTUMES—in the newest styles, shades and materials. Nine distinctly different groups—each group exceedingly varied.

\$18.75
Drop-stitch tricolette and plain tricolette; in embroidered and tunic models; beaded Canton crepe and satin-back crepe in tailored and straight-line models. Black, navy blue, henna, brown and tan.

\$22.50
Chammy-knit, Canton crepe, Krepe-Knit, taffeta and crepe de chine. Tunic, panel and draped styles; metal embroidery, silk embroidery, beading and open-mesh braid trimming. Rust, French blue, white, black, brown and navy blue.

\$30.00
Fine foulard and crepe Georgette combination, crepe Romaine, Krepe-Knit and Canton crepe. Black, navy blue, rust, white, orchid, periwinkle and tan. Panel, straight-line and tunic models with ribbon trimming, embroidery and beading.

\$35.00
A fine assortment of chiffon, velette, roshanara crepe, lace and silk combinations, Canton crepe, crepe Georgette and crepe Roma. In street, sports and dinner Dresses. Various new styles. White-and-colors, gray, henna, navy blue, tangerine and jade.

\$40.00
Afternoon and informal Evening Frocks and Cape Costumes in a wonderful assortment of shades. Velette, Canton crepe, lace, crepe Georgette and combinations of lace-and-silk—some very elaborate. Also some tailored effects in the lot.

\$50.00
Cape Costumes and elaborately beaded Canton crepe, crepe Roma, beaded lace, and chiffon with cut-work embroidery. Dinner, Afternoon and Street Dresses in the group. Gray, pheasant, black, navy blue, periwinkle, tan and brown.

\$14.00 Misses' Dresses
Misses' satin-finish Canton Dresses in slip-on style, attractively beaded; and light and dark colored Canton Crepe and Crepe de Chine Dresses, in loose-waisted and blouse styles; beaded, plaited and paneled effects.

\$18.75
Misses' Krepe-Knit Sports Dresses combining white skirt and colored over-b blouse; Taffeta Dresses with fitted bodices and full skirts; and beaded Canton Crepe Slip-on Dresses. Light and dark shades. Plenty of white for graduation.

\$22.50
Misses' Dresses of heavy crepe de chine, Canton crepe and crepe Georgette, in blouse, low-waisted and straight-line styles, some beaded, some with plaited panels, others trimmed with ribbon, fagoting and hem-stitching.

Crepe de Chine, \$14.00
Canton Crepe, \$18.75
Canton Crepe, \$22.50

