And Her Friends The Paper Doll that Sets the Styles



TATHEN Polly came to town to spend the week-end with her cousin, Fashion had just made for her. One was of a soft voile in a bright yellow and black check. The yoke was of white voile with little crocheted buttons trimming it.

Then she had a little blue taffeta with bands of gay red embroidery on walst, skirt and sleeves. Her hat of folded ribbon was also in these colors, and she looked very gay, even though she still wore her winter coat instead of a new spring one. February days are a bit too cold to change to thin spring wraps.

She also brought with her her new school bag of bright red patent leather,

which was one of her Christmas presents.

You can imagine what fun she and Fashion Fanny had! They went to Saturday matinee. Fashion Fanny's mother accompanying them, of course. They

went down town early so they would have plenty of time, and had lunch at one

Then Polly had her curls trimmed in the hair shop of one of the stores. And then as they still had a few minutes before the theater, they went up to the toy department and saw ever so many wonderful things. The frog that hopped along the counter, the nodding lion, and the doll that cries "mamma," and walks about with a little help.

Goodness! But Polly and Fashion Fanny had a most scrumptious time, and they'll remember it for months to come,

DIRECTIONS FOR USING THE CUTOUT-Cut out the figure and mount on pasteboard. Then cut out the garments and fold the tabs back so they will hold the garments in place on the figure. The hat must be cut on the dotted line to slip over head.

Miscellaneous News From the Realm of Science and Invention

The Turkish nationalist government is to enforce a rule which provides that all persons intending marriage must submit to a medical examination. Violations will result in severe punishment and annulment of the marriage.

Thirty-three hundred and sixty persons were killed by wild animals in British India in 1921. Tigers were responsible for 1,454 deaths. leopards for 560, wolves for 556, bears for 69, elephants for 70, hyenas for 10 and snakes for 19,396.

The flag of the Philippine islands is composed of horizontal stripes of blue and red, with an inset triangle of white. On this is imprinted a golden sun and three golden stars, representing the three island groups composing the Philippine archipel-

ago. in Italy, the municipality of Rome is seeking an American loan -(500,000,000 lire (\$100,000,000) to

repair its tattered finances, undertake municipal improvements, give a thorough house cleaning to the city and extend the municipal electric light plants and services.

The professionel man in Brazil wears a large ring on his index finger to denote the profession to which he belongs. Lawyers, for in-stance, wear a ring with a large ruby; doctors, a ring with an emerald; engineers, sapphire; priests, amethyst; military engineers, topaz; bachelor of letters, opal. The stones are invariably very large, usually being oblong in shape and about an inch or more long, so they can be distinguished at some distance.

A tiny airplane, which is nothing more or less than a flying wing, has been designed in France. There is no fuselage or body in the machine. The pilot sits in a place in the wing, and the motor, developing about 12 horsepower, is also placed

inside the wing, driving an air screw, which revolves just in front of the wing. Wheels underneath for landing and a tapering tail, carrying a rudder and elevators, comprise all there is external about this simplified machine.

To produce 100 pounds of common wood-print paper, the following commodities are required: Wood 13.4 cubic feet; sulphur, 12.7 pounds; limestone, 17.5 pounds; kerosene, 5.7 ounces; bleaching powder, 14.3 pounds; rosin, 3 pounds; soda, 0.515 pounds; alum, 4.2 pounds; color, 1.8 ounces; coal, 320 pounds; iron sulphate, 0.79 ounces; copper sulphate, 0.19 ounces; lime, 3.17 ounces, and 7.500 gallons of chemically treated and filtered water.

An airplane taxi has been produced in England, capable of carrying a pilot, two passengers, and several suitcases from London to Paris, the rate being \$7. This amount is

one-third the present train fare, and less than one-fourth the amount the present air lines charge.

An astronomical clock must keep more nearly perfect time than any other instrument. The makers of such clocks must consider how much effect slight changes in the temperature and in the pressure of the air will have upon the oscillation of the pendulum. There have been prepared elaborate tables that show the weights of dry and moist air at varying temperatures and atmospheric pressures.

As the result of experiments completed by Robert H. Gault, professor of psychology at Northwestern university, Willetta Huggins, 17 years old, a deaf and blind student in the school for the blind at Janes-ville, Wis., is able to distinguish colors through the sense of smell, read newspaper headlines and tell the denomination of paper money by

touch, and to hear perfectly through vibration.

The Federation of Labor in Mexico has formed a "Bullfighters' union." Waving the red flag in front of bulls must now be done strictly according to union rules, or there will be no bull fights. "Action and Force" has been sopted as a slogan.

A method of transporting live fish long distances has been discovered by Dr. Chiyomatsu Ishkawa, pro-fessor of the Tokio imperial university, Japan. Preservation is insured by infusing a quantity of oxygen in the water in boxes doubly lined with zinc.

The geophone is an instrument that was devised to detect underground tunneling operations by the enemy during the world war. apparatus is now used to find the position of leaks in pipes conveying