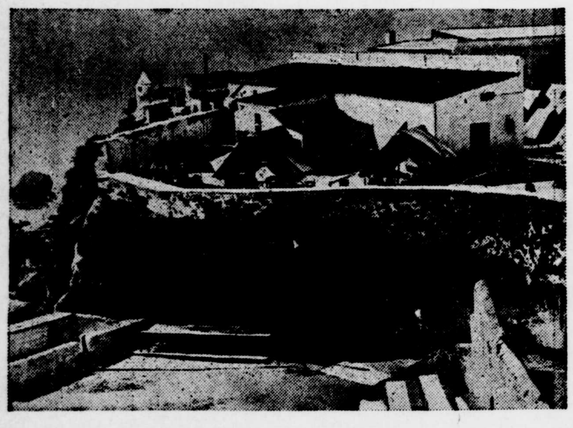
## BORDER TROUBLES



The Fort at Ciudad Trujillo.

Prepared by National Geographic Society, Washington, D. C.—WNU Service.

NOT many islands in the world have an international border. One of this select group is Hispaniola, the big West Indian island which is shared by the Haitian and the Dominican republics. Recently this obscure boundary came into the news as a scene of outbreaks in which Haitians were reported killed. The disorders were said to have been caused by heavy Haitian immigration into Dominican border towns.

Hispaniola's border divides more than governments. On one side of the line is the overcrowded, French-speaking, predominantly negro republic of Haiti, about the size of Vermont. On the other side is the Spanish-speaking and Caucasian-controlled Dominican republic, almost twice the size of its neighbor.

The island was discovered by Christopher Columbus on his first voyage to America and at Cape Haitien his flagship, Santa Maria, was shipwrecked.

**Course of Boundary Line.**

Although the 193-mile boundary follows throughout much of its length a lofty chain of mountains which forms a natural wall, it cuts the island into two very unequal parts. The Dominican republic is almost twice as large as its neighbor, Haiti. Yet smaller Haiti has a population of about 3,000,000 as compared to the Dominican republic's estimated 1,400,000. Haiti, in fact, is one of the most densely peopled nations in the world, having some 275 persons per square mile.

Beginning near the bay of Manzanillo, on the north, the border runs the gamut of nearly every type of natural obstacle known to geographers. At first it parallels the jungle-draped Copotillo river. After a few miles the boundary takes to the hills, tumbling like a roller coaster over some of the highest peaks in the West Indies. In these mountains the frontier traverses a region of pines, oaks, and other temperate zone vegetation.

Near Manneville it plunges into a dry, desertlike trough, which, at nearby Lake Enriquillo is 150 feet below sea level—one of the two such depressions in the Western Hemisphere, the other being in California.

Continuing in a general southward direction the boundary next leaps over the rugged sierra de Bahoruco, more than a mile high along the southern coast of Hispaniola, and finally picks up another small tropical stream, the Rio Pedernales, before it ends in the Caribbean.

**Two Motor Roads Link Nations.**

No railroad crosses this frontier, but there are two motor roads. One, in the north, crosses the Rio Copotillo at Dajabon. The other, about midway, pierces the mountain wall between the Haitian town of Lascahobas and the Dominican village of Las Matas. A narrow-gauge railway from Port-au-Prince, the Haitian capital, reaches almost to the border at Manneville, where an unimproved roadway connects with Ciudad Trujillo, the capital of the Dominican republic.

While the two nations on the island present sharp social contrasts, there is a great deal of similarity in the scenery and the economic resources of each. Both raise sugar, tobacco, coffee and cacao (the source of chocolate) for export. Both have deposits of valuable minerals, largely unexploited. The Dominican republic, however, has less rainfall for crops but more grazing land for cattle, and greater timber wealth, including mahogany, cedar, lignum vitae and satinwood.

Twice, in recent years, this second largest of West Indian islands made news for map-makers. The first time was when the old name of Hispaniola given to it by Columbus, was restored. Previously the island was termed either Haiti or Santo Domingo, which not only caused confusion among outsiders but resentment between the two countries on the island.

In 1936 the name of the ancient capital of the Dominican republic, Santo Domingo, was changed to Ciudad Trujillo in honor of the nation's president, Gen. Rafael Leonidas Trujillo Molina.

**Nicaragua and Honduras.**

Threats of new trouble over the long-disputed boundary between Nicaragua and Honduras have focused attention again on these two Central American countries, closely related to the United States economically and historically.

Each no larger than the state of New York, and with populations respectively the size of Cleveland and San Francisco, Honduras and Nicaragua occupy the widest part of the Central American isthmus and have many similarities.

Bananas are the leading export product of Honduras. Those raised for export are grown chiefly on plantations along the northern coast fronting on the Caribbean sea, and extending inland 50 to 75 miles. Millions of bunches of the yellow fruit are produced in this "banana belt."

Coffee is the most important export product of Nicaragua, and her prosperity rises and falls to a large extent with the price that coffee brings. In the United States, however, Nicaragua in recent years has been best known for the canal which has been proposed through her territory as an auxiliary to the Panama canal.

If the canal is built, its route probably will be along the southern border of Nicaragua just north of Costa Rica, following the course of the San Juan river from the Atlantic to huge Lake Nicaragua, then across the lake and through the narrow strip of land that separates the lake from the Pacific ocean.

**Have Much in Common.**

Both Honduras and Nicaragua have low, damp tropical regions along the coast, while the interior is made up of high mountains and plateaus with a cooler, more temperate climate. Gold and silver are plentiful in the mountains of both countries, but few mines now are worked.

The boundary between the two countries follows the course of the Wanks or Segovia river from Cabo Gracias a Dios ("Cape Thanks to God") on the Caribbean coast, far inland. Then it runs through the mountains of the interior to the Rio Negro which it follows down to the Pacific. Disputes between Honduras and Nicaragua are not new. The two nations have had several disagreements over the boundary in the past, and were at war in 1907, 1897, 1884 and 1863. Internal disturbances have caused United States marines to be landed in both countries at various times.

Lack of roads through the thick jungles of the lowlands and the high mountains of the interior, some of which reach 10,000 feet in Honduras, has kept both countries from fully developing their resources. Tegucigalpa, capital of Honduras, is the only capital in Central America not reached by a railroad, but nevertheless is an up-to-date city, for regular airplane service operates between it and other Central American centers.

Managua, capital of Nicaragua, was almost completely destroyed by a disastrous earthquake in March, 1931, but its people have returned and a new city has risen rapidly from the ruins. Extinct volcanoes are features of the skyline in the mountainous interior of both countries, and Nicaragua has an active volcano, Omotepe, forming an island in Lake Nicaragua.

People of Honduras and Nicaragua are largely a mixture of the original Indians and their Spanish conquerors, with small proportions of pure-blooded Indians and whites of unmixed Spanish descent. Negroes, some descended from slaves and others brought in as contract laborers from the West Indies, perform much of the labor in the banana-growing regions.

### Oil for Rolling Ships Can Be Carried Aboard

Oil has been poured on raging seas to calm turbulent waves which threaten shipwreck. Now comes Edward R. Carroll of Brooklyn, N. Y., with an invention which is intended to do the same thing, but keeps the oil in the ship's tanks, notes a writer in the Kansas City Star.

The invention provides an ingenious control of the swishing of the oil inside the tanks, which counteracts pitching and rolling of the ship. Used on battleships, it would keep the ship steady so that the aim of its guns would not be spoiled.

Carroll's invention, described in a patent (No. 2077143) recently granted to him, is designed for ships with engines that burn oil for fuel, such as Diesel engines. The ships would be provided with a double bottom and wing tanks built in the sides. In these the oil is stored.

Unlike conventional storage tanks, these tanks and the double bottom are divided up into long cells by iron plate-like partitions. Valves in the partitions can be controlled from a central station. By opening and closing the valves, flow of oil from one cell to the other is controlled.

Whenever the ship begins to roll, the valves distribute the flow of oil so as to act as a counterweight to the roll. Thus, when the ship tips to starboard, all the oil cannot move instantly toward that side. It is held on the portside and helps to right the ship.

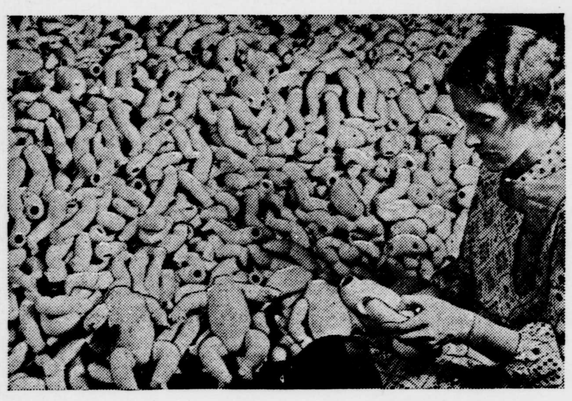
Similarly any synchronism between waves and motion of the ship which leads to violent rolling would be broken up. Such synchronism increases the roll to the point where it endangers the ship. It is brought about by the same principle involved in swinging.

## *Christmas Morning Mothers!*

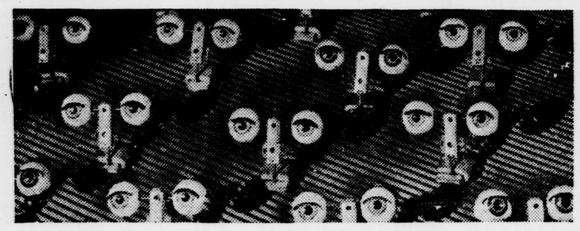
CHRISTMAS dolls are producing many a juvenile "ooh!" and "aah!" this year. Betsy has a portable folding bath tub with undercloth and safety strap. Also complete changes of underclothing (really necessary!!).

It's Monday after Christmas but wash day doesn't last long for the modern young lady with a washing machine. Thoroughly spoiled by modern conveniences, she uses a built-in wringer, folding ironing board and a dryer.

The Dionne quintuplets are three and a half now and Santa Claus has kept pace with the years of these international idols. Since they're not babies any more, he had to perfect "grown up" toys. Hence this see-saw on which Yvonne, Cecile, Annette, Marie and Emilie play under the eyes of a watchful "mother." As last year, the world-famous quints will be prominent in 1937 Christmas doll circles.



Since dolls are always top favorites with the little mothers who creep downstairs on Christmas morning, whirring machines have been turning out thousands of them this year. Here is a mountain of arms and legs made of a rubber which scientists of the B. F. Goodrich company have made to simulate the texture of baby's skin.



Artificial eyes, ready to animate Christmas dolls.

**Visitors Do Not Worry Them**

Unexpected visitors never upset the housewife of Brazil. In many Brazilian homes two great hooks hang from the walls in each corner of all rooms. From these hammocks can be swung.

**Built First Holland Submarine**

John Philip Holland built the first Holland submarine in 1878. In 1898 he built the Holland No. 9, which was submerged in Staten Island sound for 1 hour and 40 minutes.

**Libraries of Early Days**

Books were scarce in the early days. Ohio pioneer families—that is, the literate families—were regarded as having a library if they possessed a Bible, an almanac and some such book as "Pilgrim's Progress."

**Changing Stomach Temperature**

It takes the stomach the same length of time to attain body temperature after ice water or hot coffee is drunk—about 20 minutes.

## STAR DUST
### Movie • Radio
***By VIRGINIA VALE***

HALF of Hollywood is diligently searching for giddy comedies, the sort that have made Carole Lombard and Irene Dunne outstanding stars. The rest of the film colony figure that the public is going to be fed up on loony antics soon, and are getting ready to delve into very serious film biographies.

Garbo still wants to do a comedy, but has turned down four stories that the studio has submitted to her. Kay Francis is all set to launch into a laugh epic. Tyrone Power and Loretta Young have started work on "Her Masterpiece," hoping that it will be as entertaining as their current "Second Honeymoon."

Kay Francis

In the biographical division, there is the life of Clara Barton in which Irene Dunne will star, the life of Alexander Graham Bell, inventor of the telephone, in which Tyrone Power will be featured, and the life of George Sand, woman novelist, which will star the dainty Annabella.

—★—

**In the latest radio poll Charlie McCarthy, to no one's surprise, is voted the most popular radio star, and by a wide margin, too. The great hit of the ventriloquist's dummy and the growing appeal of Betty Lou, that imaginary character on the Vallee hour, has set radio sponsors to looking for novelties. And the next one to bid for your approval will be a talking parrot. Sketches are all written for the bird, but the feathery star itself has not been located. It seems that all the tryouts have been a failure.**

—★—

It takes a long time to score success in radio, motion pictures, and on the stage, so it is a good idea to start at the age of eleven as Joy Hodges did. She is almost twenty-one now and can point with pride to the months when she sang on the radio with Ted Fio Rito's and Ozzie Nelson's orchestras. You will see her on the screen in Universal's "Merry Go Round of 1938" and she is playing the lead with George Cohan in the outstanding Broadway hit of the year, "I'd Rather Be Right," which spoofs the New Deal in amiable fashion. She supported herself all through her four years at Des Moines high school by singing at revival meetings and on the radio.

—★—

**When you see Carole Lombard in "Nothing Sacred," and Barbara Stanwyck in "Breakfast for Two," you may assume that a course in boxing is a necessary part of every screen actress' training. Barbara puts on gloves and goes after Herbert Marshall for all she is worth, pummeling and swinging until you begin to fear that Marshall will have to play masked bandit roles the rest of his life. Carole doesn't stop for gloves or any such niceties. She just goes into a slap-happy routine with Fredric March with no holds barred.**

—★—

The M-G-M radio hour, improving every week, is going to be even better, because it has been decided to concentrate more on comedy. Ted Healy, who hasn't had a chance really to distinguish himself in their pictures, has walked off with all the honors in their radio shows. All inquiries about audience reaction bring a request for more Healy specialties. You will be getting them from now on. Soon R. K. O. will launch a radio hour with Milton Berle as master of ceremonies—probably late at night so that it won't interfere with your going to the theater to see their pictures.

Milton Berle

—★—

*ODDS AND ENDS—Grand National has ambitious plans to star Tex Ritter, Ken Maynard and Ruth Mix in one big super-Western . . . When you hear a dog barking in the radio serial, "Pepper Young's Family," it isn't a sound-effects man at work. It is the well-trained pet of Jean Sothern, regular member of the cast . . . Charlie Farrell, encouraged by the great comeback of his former partner, Janet Gaynor, is going to try a comeback too, with Paramount . . . Eleanor Holm had to swim alongside two alligators in "Tarzan's Revenge." Two rifle marksmen stood by, just in case . . . Latest actor to want Olivia de Havilland to play opposite him in a Broadway stage play is Brian Aherne but she still says "No" . . . Voting will begin soon for best screen performance of the year and Charles Boyer is likely to win for his portrayal of Napoleon in "Conquest" . . . Meanwhile several radio sponsors have voted Nadine Conner, currently subbing for Jeannette MacDonald Sunday nights, the best woman singer on the air.*

© Western Newspaper Union.

**Meaning of Mahatma**

Mahatma is a Hindu word meaning the great-souled one. Among the Brahmans it is applied to one who has attained the highest possible point of spiritual enlightenment. It is also the name of a high priest or wise leader of the theosophists.

**Alpaca From Mammal**

The fabric alpaca is from the long, soft, silky wool of the alpaca, a mammal, closely related to the llama and found in the Peru Andes.

## Niftiness for New Year's

LIKE to give yourself a lift for the New Year, Milady? Then spruce up with Sew-Your-Own — the easy way to chic. Here, for instance, are three swell swing models that will make you modern as tomorrow and put you in the running for the title, "best dressed woman." Right now it's parties you're thinking of, so pick a pair of eligibles from today's trio and you'll be groomed to hobnob with the smart young set.

**Will You Dance?**

The New Year's Party will be festive and so will you in the model at the left in black moire. This is a very young frock and not a little flattering to the debutante figure. It has a skirt that's built for dancing, and the oh, so slender waist is no drawback (take it from one who knows). Be sure, young lady, to have your version ready to go when the invitation to celebrate comes flashing over the wire.

**Spic 'n' Classic.**

There's always a "morning after," and that's when you'll be glad to have a spic and classic frock like the one above, center. It is suitable to take back to school to rouse the roommate's envy and, pleasantly enough, it's so easy to cut and stitch, a freshman can't go wrong. Make one version in flat crepe and a carbon copy in sheer wool—it is superb both ways.

**Ah, My Friends.**

How about a two-piecer of lame and velvet for that rousing family reunion over the holidays? The model above, right, is two pieces, but it's one with chic and figure flattery. You'll have your aunties making ohs and ahs and the bright young cousins calling you "the duchess"! What's more you'll look the part—a stunning compliment to your family as well as to the New Year.

**The Patterns.**

Pattern 1330 is designed for sizes 12 to 20 (30 to 40 bust). Size 14 requires 4⅜ yards of 39-inch material plus 6 yards of grosgrain ribbon to trim as pictured.

Pattern 1397 is designed for sizes 12 to 20 (30 to 40 bust). Size 14 requires 3½ yards of 39-inch material.

Pattern 1396 is designed for sizes 32 to 44. Size 34 requires 1⅞ yards of 39-inch material for the blouse; 1⅞ yards of 54-inch material for the skirt.

Send your order to The Sewing Circle Pattern Dept., 247 W. Forty-third street, New York, N. Y. Price of patterns, 15 cents (in coins) each.

**New Pattern Book.**

Send 15 cents for the Barbara Bell Fall and Winter Pattern Book. Make yourself attractive, practical and becoming clothes, selecting designs from the Barbara Bell well-planned, easy-to-make patterns.

© Bell Syndicate.—WNU Service.

## Uncle Phil Says:

**See What It Led To**

Adam and Eve had but one fault—curiosity; a small one to lose Eden for.

**The "man of few words" doesn't realize how tiresome they become.**

A statistician in listing the common causes of fatigue in men, overlooked a waistline of 46 inches.

**Alone They're Insufficient**

Memories are all right to live on provided you have something else.

**A sharp tongue has a bitter mind behind it.**

Never bestow real criticism of the faults of your friends when they ask it. Sidestep it, somehow.

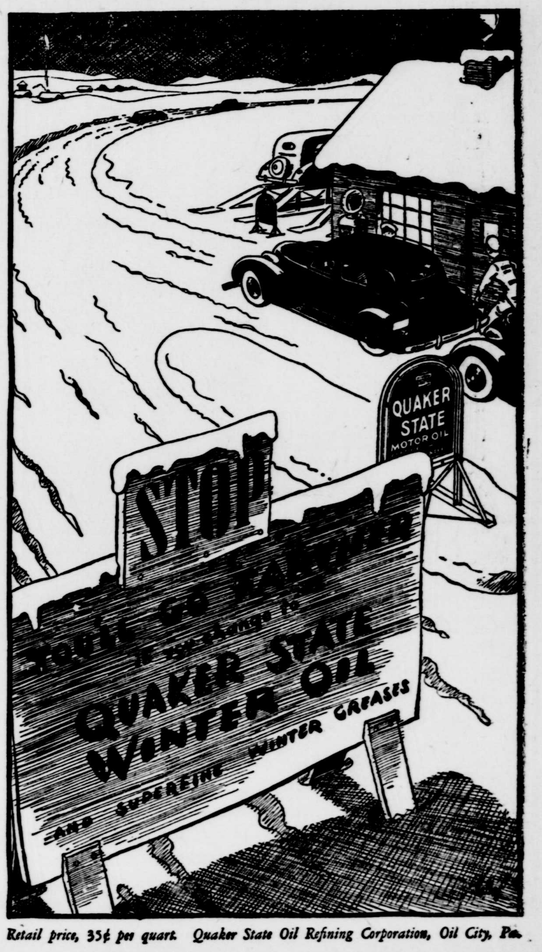
CHEW LONG BILL NAVY TOBACCO 5¢ PLUG

**We Are Favored**

If you count up the sunny and cloudy days in a complete year, you will find that the fine day has come more often.—Ovid.

**Lasting Portrait**

A man would rather leave behind him a portrait of his spirit than a portrait of his face.—R. L. Stevenson.




*Retail price, 35¢ per quart. Quaker State Oil Refining Corporation, Oil City, Pa.*