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**Chesterfield**  
CIGARETTES

*They Satisfy*

LIGGETT & MYERS TOBACCO CO.

If you saw it first you saw it in The Sentinel

### "HORSE-POWER" UNIT WRONG

Mistake That Can Be Definitely  
Traced to James Watt Was Never  
Officially Corrected.

"H. P.," as you know, stands for "horse power," and if, therefore, your motorcycle is a four and one-half h. p. one, you know that what is meant is that the engine has a power which is equivalent to that of four and a half horses.

Not so! You would be incorrect to the extent of no less than 40,000 pounds, remarks a London Answers writer.

The h. p. unit of power is a fraud, and the late James Watt of engine fame is responsible. He was a very careful engineer, in theory and practice, and he discovered, by many experiments, that the raising of 22,000 pounds one foot per minute was a good average horse-power.

But "horse-power" today is reckoned at 33,000 lbs. per foot per minute—11,000 pounds in excess! That is due to the fact that Watt, in his anxiety to encourage business, offered to sell engines which would develop 33,000 pounds per foot as a horse-power—a third more than the actual.

It would seem that he meant ultimately to be honest, but he died before that happened, and so bequeathed to the world, which has accepted it, a false unit measurement of horse-power.

Engineers, of course, know of the error, and make due allowance for it; but the average individual does not. Your 10 h. p. car is, therefore, in fact, but a 6 2/3 one, and its power is equal to raising 222,000 pounds a foot in a minute, and not 333,000.

### IMMENSE ROOKERY IN LAKE

Birds Find Sanctuary on Island on  
Which Hunters Are Forbidden  
to Set Foot.

Set in the middle of Great Salt Lake is Hat Island, 12 acres in area, one of the most densely populated rookeries in the world. Its official name is due to its shape, but it is more familiarly known to westerners as Bird Island.

Seagulls and pelicans live there. The island is literally covered with them, and since hunters are not permitted to disturb the fowls, visitors experience no difficulty in walking about among them and observing their habits. The birds have established their roosts among the rocky formations of the island, which is surrounded by salt water more dense than that of the ocean. The highest point is about 100 feet above the surface of the lake.

The strangest sight on the island is the flock of young pelicans. They walk about like a drove of sheep. One acts as leader and the rest follow. Large bodied, clumsy birds they are, scarcely able to waddle out of the way when one approaches.

As evening approaches one may look out over the lake, far to the northeast, and see a cloud of tiny specks. It is the adult pelicans returning home from the mouth of the Jordan river, or from the Great Bear river, 50 to 70 miles away. They are laden with fish for their young ones. The pouches under their beaks are filled with fresh-water fish.

### Never Saw Their Faces.

The young woman was looking at a child's book, "The Sunbonnet Babies." Those Sunbonnet babies were my delight and my despair when I was little," she said, "because I never could see their faces. If you'll look carefully at every picture you'll notice the faces of those babies are never revealed. Other characters in the illustration show their faces, but never the sunbonnet babies.

"The only idea you can get of what sort of little girls they were is by their posture. And I used to peer and peer at those sunbonnets. I used to turn over the pages and look through from the back side; I used even to tear the pages a bit to see if I could not get inside of those sunbonnets. But I never could.

"Some day I'm going to write to that sunbonnet artist and ask if he won't send me, in confidence, one picture of those babies with their bonnets off."—Springfield Union.

### Eagles Change Color.

The young eagle is clothed in three kinds of garments before it reaches maturity. During the first year it is black, the second year slate-colored, the third year brown and white. It might be said that the bald-headed eagle is not bald. It is so called from the white ruff of feathers about its head. The three different appearances of the young eagle one time provoked a strange misunderstanding among bird observers. It was thought that they were three different species—the black, the George Washington and the bald. The eagle is one of the Falconidae, which includes hawks and all similar birds of prey.

### Great Authors Write Badly.

All great authors write badly. That is well known. At least the pedants say so. Great writers are impetuous. The vigor of their vocabulary, the intensity of their style, the daring of their phrases disconcert the pedants. To the pundits good writing apparently means writing according to rules. But born writers make their own rules, or rather make none. They change their manner at every moment as inspiration dictates; sometimes they are harmonious, sometimes rugged, sometimes indolent and sometimes spirited. So, according to the common notion, they cannot write well.—Anatole France.

### ANOTHER HUMAN TRAGEDY SIGHTED IN ASIA MINOR

Constantinople, Nov. 27.—(By the Associated Press.)—Another human tragedy that promises to rival the Smyrna fire is developing in northern Asia Minor. The tide of a million Christian inhabitants is sweeping in full flood to the fringes of the Black sea and the Mediterranean. The refugees are clamoring to be saved. The American naval base at Constantinople is deluged with S. O. S. calls from the flotilla of destroyers patrolling the Mediterranean and Black sea coasts of Asia Minor, which are crowded with Christians fleeing from the Turk.

Appeals come from every part of Anatolia, where whole Christian communities are migrating and where the American near east relief is working heroically to overcome almost insuperable obstacles, including the removal of orphans for great distances to the sea.

Cryptic radiographs received today indicated that "a critical situation was developing with surprising suddenness; the whole interior is blanketed with snow, adding immeasurably to the misery of the refugees."

A destroyer relayed a dramatic appeal to the near east relief at Constantinople from James H. Crutcher, of Tuscaloosa, Ala., at Samsun, "Can you take a thousand mountain children? If not it means their end."

One from the destroyer Lawrence came from Americans at Trebizond declaring, "We cannot hold up evacuation of Trebizond orphans much longer. We are overwhelmed by arrivals from the interior. Instruct immediately."



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## Make This Her Happiest Christmas

Your gift to mother—whether she's the young mother of small children or the older mother of grown family—is the most important gift you buy. Consider her comfort, her youth and strength above all else. What finer gift could you give than the gift of leisure—more time to rest or devote to other interests? Electric appliances make this possible.

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