

**MAGIC BAKING POWDER**  
CONTAINS NO ALUM

## SOAP AND WATER IN WAR SURGERY

Absolute Cleanliness is Now the Great Thing.

And Doing the Work Better Than Antiseptics.

The great advances made in war surgery furnish one of the strongest evidences of the importance of things which are often considered of comparatively little practical value. Some homey remedies are tried when other more complicated ones happen to be missing, with the unexpected result that they reveal a new value. It is rather remarkable that the key-note of modern surgery seems to be simplicity. One of the most hopeful signs of medical science to-day is to be found not so much in the investigation of new remedies as in the application of old ones with more skill and profounder knowledge.

Belief in the virtues of absolute cleanliness in surgery as represented by a thorough use of soap and water is coming into the foreground again. Although surgeons of the highest skill are using soap and water in the place of many antiseptics, they did so by a sort of instinct, for experiments to prove the utility of such a household remedy had not yet been published. It was obvious that antiseptics might kill germs, yet they did not necessarily remove dirt, and the most careful surgeons regard soap and water as the common defense against infection, and the thorough practice of

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Dear Sirs—I can recommend MINARD'S LINIMENT for Rheumatism and Sprains, as I have used it for both with excellent results.  
Yours truly,  
T. B. LAVERS  
St. John

scrubbing the best insurance against disease. Since the invention of antiseptics the number has increased to such an extent that it is clearly impossible to use them all. Choice has become difficult. There has also been a fashion in antiseptics that, like other fashions, has passed away. In course of time it was found that the most powerful disinfectants were sometimes injurious and even dangerous, while all antiseptics have their special peculiarities, being effective against some germs and harmless or even beneficial to others.

The list of failures is long. In war surgery a dangerous antiseptic, even if effective, was out of the question. There is little time in the field and dressing stations to take precautions against these dangers. Even in the hospitals the use of strong disinfectants involved additional labor by nurses and physicians, or else made it necessary for the hospital to employ a much larger staff than is usually possible at the front. During the recent campaigns in Flanders the pressure upon the doctors and nurses became so great that it was necessary to discard some of the most elaborate antiseptic methods and go back to simplicity and nature.

The result shows that cleanliness after all is one of the best antiseptics. This fact led to the regular use of solutions of soap and water in the British hospitals. The good effects, which are published by the highest medical authority, are thus described by Captain J. D. Haycraft, of the casualty clearing station in France.

"Soap solution easily permeates and comes in contact with the whole surface of the wound. It acts as a mechanical cleansing agent, washing away all debris. It follows from this that the tissues themselves are able to deal successfully with any infection which is left behind without the aid of any antiseptic. These latter cases, when treated by soap solution, heal

better than if an antiseptic is used." To these advantages surgeons are able to add others. Healing of wounds goes on without much fever, and in most cases the men are convalescent in ten days. After a day or two the swelling of the flesh begins to subside, redness disappears and healthy skin begins to form. As a rule, it is not necessary to put in drainage tubes, for there is little discharge. Germs that ordinarily infect wounds are driven out with the dirt and succumb to the natural influences of cleanliness and fresh air. This method of treatment is regarded in the light of a health cure, and that explains the agreeable sense of comfort and freshness which it seems to diffuse. In the last four months it has been regularly installed as a cure in the British hospitals. To the layman it seems as if such a remedy as soap and water, which means cleanliness, was justified by almost universal experience. It has been neglected, probably by a disadvantageous result, in these days of antiseptics, but it is to be hoped that its merits will be fully understood as part from the question of wounds and personal cleanliness, experience shows that there is little value in the ordinary methods of fumigation and disinfection unless soap and water and energetic use of elbows are first employed. And this remedy is one that everybody can use with safety.

There is more Catarrh in this section of the country than all other diseases put together, and for years it was supposed to be incurable. Doctors prescribed local remedies, and by constantly failing to cure with local treatment, pronounced it incurable. Catarrh is a local disease, greatly influenced by constitutional conditions and therefore requires constitutional treatment. Hall's Catarrh Medicine, manufactured by F. J. Cheney & Co., Toledo, Ohio, is a constitutional remedy, is taken internally and acts through the blood on the mucous surfaces of the system. One hundred Dollars reward is offered for any case that Hall's Catarrh Medicine fails to cure. Send for testimonials. F. J. CHENEY & CO., Toledo, Ohio. Hall's Family Pills for constipation.

### MEMORIALS TO DEAD.

#### Curious Ceremony of the Serbian People.

It is not quite accurate to entitle this ceremony a funeral, for it is not that, but we have in English no one word or two words with which to express the meaning. In order to secure complete accuracy, it would have been necessary to head this sketch with the words, "Ceremony Performed by a Serbian Family on the Anniversary of the Death of One of its Members," and no newspaper copy reader would pass a title like that, writes a correspondent.

It is the custom of the country to remember the dead on the anniversary of death by a pilgrimage to the graveyard, with all appropriate ceremonies. A morbid custom, and one that might be productive of endless sad and needless grief, according to our ideas, but the Serbs are a hard race and face their sorrows without towering them. All of the family files to the cemetery, accompanied by close friends and headed by priests. Flowers are laid on the grave, prayers are offered and the women weep. The virtues of the dead are extolled and he is addressed and apostrophized.

This part of the ceremony over, the company sit down to a meal that they have brought with them. The affair takes on the aspect of some grave social occasion. Wine is drunk and much food is eaten. It is customary to tell all the anecdotes and incidents relating to the dead man that those present can remember. Even bits of the past that have a humorous turn are not barred. It is in some sort a bringing forth of his whole memory and setting him again before the eyes of those who were hiding the thoughts of him from view.

It is interesting to speculate on the meaning of this unusual practice, and on the human tendency that gave it birth and kept it alive. It seems to root in the old human dread of being forgotten completely. As these people do it unto the dead, so they expect their children and their relatives to do unto them, and they cherish the custom as a fountain that will keep their own memory green when their time comes.

### KEEP CHILDREN WELL DURING HOT WEATHER

Every mother knows how fatal the hot summer months are to small children. Cholera infantum, diarrhoea, dysentery and stomach troubles are life at this time and often a precious little life is lost only after a few hours illness. The mother who keeps Baby's Own Tablets in the house is safe. The occasional use of the Tablets prevents stomach and bowel troubles, or if the trouble comes suddenly—as it generally does—the Tablets will bring the baby safely through. They are sold by medicine dealers or by mail at 25 cents a box from The Dr. Williams' Medicine Co., Brockville, Ont.

### FASCINATING

#### Is the Study of Wireless as Used On Planes.

There is no more fascinating study in all wireless science than the application of radio transmission to aircraft. The equipment of airplanes and balloons, is already so efficient that messages may be sent between ground stations and aircraft at great altitudes almost as conveniently as one telephones. Marconi has prophesied that "the day is just around the corner" when all aviators must be wireless operators as well.

An observer who goes aloft to spot the fall of shots usually flies or patrols the air at a height of from 4,000 to 6,000 feet. An airplane usually flies in a figure eight in order to keep his objective point, where the shots are falling constantly in sight, says F. A. Collins in Boys' Life. If he is

# Economy ! "SALADA" TEA

is not only the most economical on account of its great strength but you have the refreshing and delicious qualities as well.

Ask your Grocer. In Sealed Metal Packets.

In a free balloon he may be tethered by a long rope, while a dirigible may hover in much the same position for some time. Such patrolling is done both day and night, since the flashes of the guns reveal their position. Such scout work is, of course, extremely perilous, since the wireless aviator is the target of aircraft guns and the prey of enemy aircraft.

The marvellous accuracy of heavy gun fire when directed in this way is well illustrated in the case of the German cruiser Königsberg, which was wrecked by British monitors. The German ship, which was a great menace to shipping, had taken refuge in East Africa. The British fire was directed at a target miles away, completely hidden by tropical jungle. Salvos were fired at one minute intervals. The first shots went wide of the mark, but following the directions from the wireless man in an airplane above them, shells were soon dropped within 400 yards of the enemy. The next shot was spotted as 200 yards over and 200 yards to the right. The next was only 150 short and 100 to the left. The seventh shot hit the ship and in the next eight shots seven struck deadly blows.

Minard's Liniment Cures Burns, Etc.

### HIS OPINION OF LINCOLN.

#### It Was Well Founded, He Had Every Reason to Believe.

I happened to be at Atlanta, Ga., over Lincoln's birthday, writes John Kendrick Banys in "From Pillar to Post," and it pleased me beyond measure to find printed on the first page of one of the prominent newspapers of that beautiful city a three column tribute to Abraham Lincoln, with a suitable tribute in verse.

After eating my breakfast on the morning of the 11th I dined for awhile in the office of the massive Georgian Terrace hotel, smoking my cigar and glancing over the news in the paper. As I was about to toss the paper aside a fine old type of

**SMOKE TACKETTS T&B CUT**

southern gentleman seated himself on the divan alongside me and in the usual courteous manner of the country gave me a morning salutation. "I responded in kind and then, tapping my paper, observed:

"That is a fine picture of Lincoln." "Yes, suh; a very fine picture, suh," he replied. "I never had the honor of seeing Mr. Lincoln, suh, but from all I hear, suh, he must have resembled that picture pretty close, suh." "It is a delight to me to find it in one of your southern newspapers," said I, "especially in one so influential in the south as this." "Yes, suh," he answered. "It shows that the south is not slow to recognize genius, suh, wherever it is found, suh. But," he added, "there is no occasion for surprise, suh. We have always appreciated Mr. Lincoln's greatness down here, and we have admired him, suh, although we have had reason to believe that during the late unpleasantness, suh, he was consp'cuous of a northern sympathizer, suh."

Minard's Liniment Relieves Neuralgia

### ODD AND INTERESTING FACTS.

A carrot with a valuable gold signet ring round the middle of it has been unearthed in an English garden. The owner lost the ring months ago.

Without counting 1,122 men already serving in dockyards at military stations on the outbreak of the war, 5,061 London police officers are engaged in war service.

Successful experiments have been made by chemists at New Orleans, La., in recovering potash from molasses waste. The new product is useful in the manufacture of fertilizer.

Almost automatic in its operations is a new cabinet for quickly developing X-ray photographs for dentists' use.

The use of glass bricks or building purposes is being adopted in many European cities. As a means of admitting light to dark hallways and basements, these transparent blocks

**HIRST'S FAMILY SALVE**

Takes out the inflammation. Burns, scalds, cuts, bruises, hemorrhoids, piles and abscesses. Works like magic! Put it on a hot foot, or write on HIRST REMEDY COMPANY, Hamilton, Canada.

### Lord Palmerston's Dinner

Lord Palmerston was a remarkable feeder, as shown by this account of his table when he was 50 years of age: "He ate for dinner 70 plates of turbot soup. He was then served very abundantly to a plate of cold roast mutton. He then took a plate, afterward he was helped to two more plates of mutton. He then despatched a plate of roast mutton. There then appeared before him the largest of his table, the hardest of his table, the most ever figured on the table of a nobleman, yet it disappeared just in time to answer the inquiry of his butler, 'Shall we, my lord, or please?' He instantly replied, 'Pleasant!' and completing his ninth dish of meat at 11 o'clock."

This was Lord Palmerston, who lived and worked like a horse till he was 81, and would doubtless have poured scorn upon the scientific slops and grub offered to him in our day. Palmerston was one that was "curried" by his victuals and could have had meat—New York Post.

Minard's Liniment for sale everywhere

### Scientific Odds and Ends.

It is estimated that there are 40, 225,000,000 tons of the best iron ore in British Columbia; these resources have scarcely been touched yet.

A new saw, for keyhole and other work of a like character, has four working surfaces of varying size and cut.

Gulls have been known to reach 40 years, parrots frequently live 50 years, and swans nearly as long. Ravens and owls usually die somewhat younger.

As a means of preventing thefts of automobiles some owners are now having their names engraved on the wind shield.

The rats keep 150,000 farmers occupied feeding them, and the other workers needed to repair rat damage number 50,000.

The death rate of babies in their first month of life, which was 19.5 per 1,000 of living births in New York in 1914, fell to 13.7 per 1,000 in 1916, while the general city death rate remained practically stationary. This is due largely to the work of the 53 baby health stations of the Department of Health.

The production of explosives and consequent consumption of nitric acid has increased enormously in America during the past few years. The nitric acid is still almost entirely made from Chile saltpeter, but synthetic nitrogen plants are under process of construction.

Every year the rats eat up an amount equal to one-third of the U. S. First Liberty Loan—\$5 worth of food apiece for 200,000,000 rats yearly.

**SMOKE TACKETTS T&B PLUG**

### ODD AND INTERESTING FACTS.

It has been discovered by a student of chemistry that tobacco ash contains 20 per cent of potash. He estimates that a box of a cigar contains 45 grams, or 1.6 ounces, of ash. If a cigarette is smoked, it is a loss of an ordinary pipe of tobacco, 15 grains.

Window glass is blown in the shape of long cylinders, which are cut open along one side and then placed on a stone in a hot furnace, where the gradual collapse and flattening out into a disk shape occurs. Often the glass breaks during this process, or even explodes, forming thousands of pieces, which fly in all directions, sometimes endangering workers.

It is doubtful whether the real discoverer of Cape Horn will ever be decided. The English claim that Sir Francis Drake, who first saw Cape Horn in 1578, was the earliest discoverer. The Spaniards, however, claim that the Spaniard Loaysa antedated him by a visit to the Horn in 1555.

The introduction of the bayonet to Europe was due to the inspiration of Baron de Senecey, who, when he and his regiment, having expended their ammunition, were driven to seek a mountain ridge near Bayonne, suggested that they fix their bayonets on their rifles and were armed into the musket barrels and charge the enemy.

The White House at Washington is said to have the most intricate and complete electrical system installed in any building in the United States. There are in the mansion nearly 170 miles of lights, a bell system, and a private telephone system for the President and his family exclusively.

Experiments carried out in 1915 on a farm in Dumfriesshire, Scotland, to demonstrate the effect of overhead discharge of electricity on plant growth gave some remarkable results. The tests, and the increased yield of 32 per cent gave an increase of 32 per cent over the two half-acre untreated plots, while the straw yielded an increase of 30 per cent.

The ironwork plates of many factory floors are apt to become slippery and unsafe, and to obviate this powdered sal ammoniac is used as a corroding agent. A small quantity of mixed tannin and this mixture is sprinkled over the floor and that all parts are covered, and left to lie over a week-end, or even over-night. The rust is then by the treatment is found to last for several weeks, after which the process is repeated.

### Yawning Fish.

Did you ever see a fish yawn? Mr. Richard Elmist, an English biologist, tells us that yawning is a common habit of cod, mackerel, plaice and various other kinds of fish. From his description the piscatorial yawn is very much like the human yawn, except that it is done under water. He says: "From numerous observations I am led to think that this action of fishes is a real yawn, and serves the same physiological purpose of a yawn; that is, flushing the brain with blood during periods of sluggishness. The slight increase in temperature, and the increase in the amount of oxygen, as a result of yawning, is a very important factor in the process."

A pessimist is a person who is never quite comfortable unless something hurts.

A debt of honor is one a man always pays, even though he may have to borrow the money to do it.

### HELP WANTED.

SHOEMAKER WITH TOOLS—NEW work and repairing. Road Bros., Bothwell, Ont.

### MISCELLANEOUS.

BUY YOUR OUT-OF-TOWN SUPPLIES with Dominion Express Money Order. Five Dollars costs three cents.

CHOICE SILVER BLACK BREEDING fowls. Reid Bros., Bothwell, Ont., Can.

### FARMS FOR SALE.

FOR SALE—LOT 23, CONCESSION 4 Township of Vaughan; one hundred acres, large brick house, barn, 25 ft. by 52 ft., stone foundation; will accommodate 16 head of cattle; also stable for 6 horses; pig pen, hen house; 1 1/2 acres orchard; wire fence; five miles from Toronto. T. H. Steele, Nashville, Ont.

### AGENTS WANTED.

AGENTS WANTED—YOU CAN make it your country, with our fast selling Combination Cooler. One salesman makes \$300.55 the first month. Another agent sells 25 in two hours. Others cleaning and shining 100 cups in one day. Goods shipped to reliable men on time. Territory going fast. Write quick to secure your territory. Combination Products Co., 111 Main street, Peterborough, Ont.

### EXECUTOR'S SALE.

SAW AND CHIPPING MILL, ABOUT one acre of land; two miles north of St. Thomas, chipping mill has complete system rollers, steady planer, saw, sheller, elevators, etc.; sawmill has 50 inserted tooth circular saws, also cutting and planing, 100 ft. long, etc.; engine is Fairbanks-Morse, 20 h.p.; gasoline, 32 h.p.; this mill has been money; building is frame and could be moved; also good 20-acre farm with barns and brick house, about one-half mile from mill. Each property will be sold cheap for cash. Write to J. M. Sanders & Ingram, Barristers, etc., St. Thomas, Ont.

### FOR SALE.

FOR SALE—ONE NO. NINETY Black Diamond double deck Bradford oven; has been used very little and have no further use for it. Price \$45. J. M. Dooley, Guelph.

FOR SALE—CASH REGISTER—SIX drawers—at exceptionally low price for quick sale. Goudie's Limited, Kitchener, Ont.

### Household Hints.

In laundering fine muslins, collars and waists, use a solution of one part of granulated sugar and a pint of water in place of water instead of starch. If, when the cloth is put in the water, a little salt is added before pouring in the water, it will improve the flavor.

In making custard pie do not beat the eggs more than just enough to have them mix with the milk.

When baking ham baste it often with sweet cider.

In making crab-apple jelly put in a handful of cloves at the start. Boil and skim them out before pouring the jelly in the glass.

Save your paper bags and slip them over your jars of fruit, writing on the bag the name of the fruit, and fasten at the top of the bag tight. This makes the fruit keep better.

To prevent rotting from strapping the clothes mix one desertspoonful of soda in the bluing water.

If jelly refuses to set grate a carrot in the mixture and cook 10 minutes. There will be no flavor of carrots in the jelly.

When boiling onions, turnips or cabbage that have a strong odor, add at the same time some vinegar with spices in it. This will destroy the vegetable odor.

### Wanted the Money.

The race was over, the flag hoisted and the crowd of fortunates who had backed the winner had gathered round the bookmaker to receive their winnings.

One vacant-looking individual, who was evidently "seeing life" for the first time, claimed \$5.

"What did you back?" asked the fat faced man with the big waist, who was standing on a stool.

"Silver Cloud," replied the vacant one.

"Why, man alive," yelled the man with the satchel, "that horse turned back and finished at the starting post!"

"I know that," said the other. "But didn't I back the horse both ways?"

There was a dull thud on the greenward, and an anxious crowd gathered. The man with the big waist had fainted.—Exchange.

### Mill Girls and Shawls.

The working women and girls of Lancashire and Yorkshire regard the shawl as a necessity, and especially in this case in the coldest districts. A writer in an English monthly says: "Domestic duties, performed in varying temperatures, on washing days and cleaning days, in the house or about the yard, are rendered safe under the protection of a shawl. The mill girl could scarcely get on without it. It shields her between the mill and home, water and summer, in snow or rain. It is easily donned or doffed. It is the handiest of all articles of wearing apparel and, as made in England to-day, is moderate in cost. A warm soft shawl would save many a racking cough and stave off incipient pulmonary trouble. It is a tried and proved sanatorium."

Men are April when they woo.—"A You Like It."

### DRS. SOPER & WHITE

**SPECIALISTS**  
Piles, Hemorrhoids, Catarrh, Prostatitis, Gynorrhea, Uterine, Rheumatism, Kidney, Bladder, Nerve and Stomach Diseases.  
Call on and history for free. 100-1010, 1012-1014, 1016-1018, 1020-1022, 1024-1026, 1028-1030, 1032-1034, 1036-1038, 1040-1042, 1044-1046, 1048-1050, 1052-1054, 1056-1058, 1060-1062, 1064-1066, 1068-1070, 1072-1074, 1076-1078, 1080-1082, 1084-1086, 1088-1090, 1092-1094, 1096-1098, 1100-1102, 1104-1106, 1108-1110, 1112-1114, 1116-1118, 1120-1122, 1124-1126, 1128-1130, 1132-1134, 1136-1138, 1140-1142, 1144-1146, 1148-1150, 1152-1154, 1156-1158, 1160-1162, 1164-1166, 1168-1170, 1172-1174, 1176-1178, 1180-1182, 1184-1186, 1188-1190, 1192-1194, 1196-1198, 1200-1202, 1204-1206, 1208-1210, 1212-1214, 1216-1218, 1220-1222, 1224-1226, 1228-1230, 1232-1234, 1236-1238, 1240-1242, 1244-1246, 1248-1250, 1252-1254, 1256-1258, 1260-1262, 1264-1266, 1268-1270, 1272-1274, 1276-1278, 1280-1282, 1284-1286, 1288-1290, 1292-1294, 1296-1298, 1300-1302, 1304-1306, 1308-1310, 1312-1314, 1316-1318, 1320-1322, 1324-1326, 1328-1330, 1332-1334, 1336-1338, 1340-1342, 1344-1346, 1348-1350, 1352-1354, 1356-1358, 1360-1362, 1364-1366, 1368-1370, 1372-1374, 1376-1378, 1380-1382, 1384-1386, 1388-1390, 1392-1394, 1396-1398, 1400-1402, 1404-1406, 1408-1410, 1412-1414, 1416-1418, 1420-1422, 1424-1426, 1428-1430, 1432-1434, 1436-1438, 1440-1442, 1444-1446, 1448-1450, 1452-1454, 1456-1458, 1460-1462, 1464-1466, 1468-1470, 1472-1474, 1476-1478, 1480-1482, 1484-1486, 1488-1490, 1492-1494, 1496-1498, 1500-1502, 1504-1506, 1508-1510, 1512-1514, 1516-1518, 1520-1522, 1524-1526, 1528-1530, 1532-1534, 1536-1538, 1540-1542, 1544-1546, 1548-1550, 1552-1554, 1556-1558, 1560-1562, 1564-1566, 1568-1570, 1572-1574, 1576-1578, 1580-1582, 1584-1586, 1588-1590, 1592-1594, 1596-1598, 1600-1602, 1604-1606, 1608-1610, 1612-1614, 1616-1618, 1620-1622, 1624-1626, 1628-1630, 1632-1634, 1636-1638, 1640-1642, 1644-1646, 1648-1650, 1652-1654, 1656-1658, 1660-1662, 1664-1666, 1668-1670, 1672-1674, 1676-1678, 1680-1682, 1684-1686, 1688-1690, 1692-1694, 1696-1698, 1700-1702, 1704-1706, 1708-1710, 1712-1714, 1716-1718, 1720-1722, 1724-1726, 1728-1730, 1732-1734, 1736-1738, 1740-1742, 1744-1746, 1748-1750, 1752-1754, 1756-1758, 1760-1762, 1764-1766, 1768-1770, 1772-1774, 1776-1778, 1780-1782, 1784-1786, 1788-1790, 1792-1794, 1796-1798, 1800-1802, 1804-1806, 1808-1810, 1812-1814, 1816-1818, 1820-1822, 1824-1826, 1828-1830, 1832-1834, 1836-1838, 1840-1842, 1844-1846, 1848-1850, 1852-1854, 1856-1858, 1860-1862, 1864-1866, 1868-1870, 1872-1874, 1876-1878, 1880-1882, 1884-1886, 1888-1890, 1892-1894, 1896-1898, 1900-1902, 1904-1906, 1908-1910, 1912-1914, 1916-1918, 1920-1922, 1924-1926, 1928-1930, 1932-1934, 1936-1938, 1940-1942, 1944-1946, 1948-1950, 1952-1954, 1956-1958, 1960-1962, 1964-1966, 1968-1970, 1972-1974, 1976-1978, 1980-1982, 1984-1986, 1988-1990, 1992-1994, 1996-1998, 2000-2002, 2004-2006, 2008-2010, 2012-2014, 2016-2018, 2020-2022, 2024-2026, 2028-2030, 2032-2034, 2036-2038, 2040-2042, 2044-2046, 2048-2050, 2052-2054, 2056-2058, 2060-2062, 2064-2066, 2068-2070, 2072-2074