COLORS OF THE SEA.

Different Theories Advanced to Account for its Many Changes.

The changes in the color of the sea have attracted the attention of seafaring men from the earliest times. They struck with wonder the Phoenicians when first they ventured out of the Mediterranean into the Atlantic; they excited the astonishment of Columbus and terrified his companions while in search of the far-famed Indies, and they are no less a surprise to the modern navigator, to whom the march of discovery has left few unexplored regions in store. Numerous theories were offered in explanation of these changes, some ascribing them to the varying color of the sea bottom, some to differences in depth, others to the presence of certain coloring substances; others again to the chemical composition of the water. Most of these suggestions contained an element of truth, although no one of them taken by itself sufficed to account for alternation in color which had often been observed to occur in the course of a few hour's sail, and within a distance measuring less than a ship's length. Of late years, as the reader is aware, numerous scientific expeditions have been fitted out and dispatched by the Governments of England, Norway, Germany and America for the express purpose of exploring the secrets of the deep. Among the problems which have now for the first time received a satisfactory solution, new light has also been thrown upon the conditions which affect the color of the sea water in every part of the ocean, thus completing the information for which we were indebted to the unaided exertions of earlier travelers. One of the most remarkable and most widely distributed contrasts of color is that which is known to exist between the intensely blue seas situated between the tropics and the green seas of higher latitudes. It appears, as the result of recent observations, and more especially of a series of experiments made on board the German frigate Gazelle, that there is an intimate relation between the colors of sea water and the proportion of salt held in solution by the latter. On comparing the specific gravity of green water with that of blue water, it was found that the latter is always heavier than the former, and, therefore, at the same time more salt, the two differently colored waters being supposed to have the same temperature. In other words, the greater or lesser intensity of the blue color of sea water may be taken as a direct index of its saltness and of its specific gravity, so that when we observe the color of the water successively change from a deep blue to a bluish green and a dark green we may conclude that the water has become at the same time less salt and less heavy. This result agrees with the experience of navigators in every part of the ocean, for as the vessel proceeds from the dense and salt waters of the tropical regions toward the lighter and fresher waters of higher latitudes and of the polar regions the color of the sea is seen to change from an intense blue to a greenish blue and green tint. There are, however, numerous exceptions. Green seas are met with between the tropics, and blue seas are encountered in the temperate region, and even within the arctic circle, but these exceptions, far from contradicting, only tend to confirm the above rule.—*Science for All.*

—In the new House of Commons there are seventy-five members who own more than 3,000 acres of land each, with a rental value of more than $15,000 a year. Out of the above number there are two who own 100,000 acres, and three others more than 50,000 acres, and the possessions of seventeen of them exceed 10,000 acres each. As regards rentals, Sir John Ramsden is at the head with near a million of dollars per annum, followed by Sir John St. Aubyn with near $500,000. Four other rentals exceed $150,000. The rentals of twenty-eight members range from $50,000 to $150,000.

—Mrs. Julia Evelina Smith Parker, the last of the famous Smith sisters, of Glastonbury, Conn., died recently at her home near Hartford, aged ninety-three years. Her complete translation of the Bible was published about ten years ago, and won much praise. She married Mr. Amos A. Parker, of New Hampshire, when both were eighty-six years old. The sisters were much mortified by the notoriety they acquired by their refusal to pay taxes and the subsequent seizure and sale of their cow.—*Hartford Post.*

THE MARKETS.

CINCINNATI, March 22.

LIVE STOCK—Cattle—Common	$2 00	@ 2 75
Choice Butchers	3 85	@ 4 50
HOGS—Common	3 40	@ 3 80
Good Packers	4 00	@ 4 25
SHEEP—Good to choice	3 75	@ 4 50
FLOUR—Family	4 00	@ 4 25
GRAIN—Wheat-Longberry red		@ 94
No. 2 red		@ 91
Corn—No. 2 mixed		@ 37
Oats—No. 2 mixed		@ 32½
Rye—No. 2	65	@ 66
HAY—Timothy No. 1	12 00	@12 50
TOBACCO—Common Lugs	8 00	@ 8 75
Good Mediums	10 00	@11 75
PROVISIONS—Pork—Mess	10 00	@10 12½
Lard—Prime steam		@ 5 90
BUTTER—Choice Dairy	12	@ 15
Ohio Creamery	20	@ 22
APPLES—Prime	1 50	@ 1 65
POTATOES—per bushel	65	@ 70
NEW YORK.		
FLOUR—State and Western	$2 90	@ 3 40
GRAIN—Wheat—No. 2 Chicago		@ 95¼
No. 2 red		@ 92½
Corn—No. 2 mixed	43	@ 47½
Oats—mixed	37½	@ 44
PORK—Mess	9 87½	@10 25
LARD—Western steam		@ 6 25
CHICAGO.		
FLOUR—State and Western	$4 50	@ 4 85
GRAIN—Wheat—No 2 red	85	@ 86
No. 2 Chicago Spring	78½	@ 79½
Corn—No. 2	35½	@ 36½
Oats—No 2	27½	@ 28
Rye	61	@ 61½
PORK—Mess	9 00	@ 9 65
LARD—Steam		@ 5 97½
BALTIMORE.		
FLOUR—Family	$4 50	@ 5 00
GRAIN—Wheat—No. 2	90½	@ 92
Corn—Mixed		@ 45½
Oats—mixed	36	@ 37
PROVISIONS—Pork—Mess	10 25	@11 75
Lard—Refined	7¼	@ 7½
CATTLE—First quality	4 50	@ 4 87½
HOGS	5 00	@ 5 35
INDIANAPOLIS		
Wheat—No. 2 red	$	@ 88½
Corn—mixed		@ 34½
Oats—mixed		@ 30½
LOUISVILLE		
Flour—A No. 1	$4 00	@ 4 50
GRAIN—Wheat—No. 2 red		@ 92
Corn—mixed		@ 37
Oats—mixed		@ 32½
PORK—mess	10 75	@ 11 00
LARD—steam	7¼	@ 8

—A plucky fifteen-year-old girl grasped the bridle of a runaway horse in Sacramento the other day and quickly brought the animal to a standstill.

CONGRESSMAN BAGLEY, of Michigan, says Red Star Cough Cure is simple and efficacious.

Ex-Mayor Baxter, of Louisville, Ky., says St. Jacobs Oil is a specific for every pain.

WHY is a dirty man like flannel? Because he shrinks from washing.—*Chicago Ledger.*

Throw Away Trusses

when our new method is guaranteed to permanently cure the worst cases of rupture, without the use of the knife. Send 10 cents in stamps for pamphlet and references. World's Dispensary Medical Association, 663 Main Street, Buffalo, N. Y.

EVERY bonnet has a "b" in it.—*Lowell Citizen.*

As a toilet luxury, Hall's Hair Renewer never fails to give satisfaction.

Sufferers from Bronchitis will find speedy relief by taking Ayer's Cherry Pectoral.

WE may be sure that our consciences are rebellious when they are mute in us (mutinous).

"As Good as New,"

are the words used by a lady, who was at one time given up by the most eminent physicians, and left to die. Reduced to a mere skeleton, pale and haggard, not able to leave her bed, from all those distressing diseases peculiar to suffering females, such as displacement, leucorrhœa, inflammation, etc., etc. She began taking Dr. Pierce's "Favorite Prescription," and also using the local treatments recommended by him, and is now, she says, "as good as new." Price reduced to one dollar. By druggists.

THE traitor who is expected to be loyal to both sides—The arbitrator.—*N. Y. Ledger.*

"It Knocks the Spots,"

and everything in the nature of eruptions, blotches, pimples, ulcers, scrofulous humors, and incipient consumption, which is nothing more nor less than scrofula of the lungs, completely out of the system. It stimulates and invigorates the liver, tones up the stomach, regulates the bowels, purifies the blood, and builds up the weak places of the body. It is a purely vegetable compound, and will do more than is claimed for it. We refer to *Dr. Pierce's "Golden Medical Discovery."*

SILENCE may be golden, but a dentist has never yet been able to fill teeth with it.—*N. Y. Journal.*

GEN. JOHN A. LOGAN will begin a series of articles on "Reminiscences of the War" in the *National Tribune* of Washington, D. C., in the issue of April 2. Subscribe at once to secure the first number. $1.00 per year.

THE American joke has been formally introduced into Japan.—*Arkansaw Traveler.*

Flowers That Bloom

In the Spring—will be here before you know it, and you should be prepared to enjoy the most delightful season of the year. To escape the depressing, debilitating effects of the changing season you should purify your blood, and keep on a good appetite and good digestion by taking Hood's Sarsaparilla. A single dollar for this reliable medicine now may save you a good deal of money later in the year. Take it now.

"When I bought Hood's Sarsaparilla I made a good investment of one dollar in medicine for the first time. It has driven off rheumatism and improved my appetite so much that my boarding mistress says I must keep it locked up or she will be obliged to raise my board with every other boarder that takes Hood's Sarsaparilla." THOMAS BURRELL, 99 Tillery Street, Brooklyn, N. Y.

"Hood's Sarsaparilla was a God-send to me, for it cured me of dyspepsia and liver complaint with which I had suffered 20 years." J. R. HOFFBECK, South Fallsburg, N. Y.

Hood's Sarsaparilla

Sold by all druggists. $1; six for $5. Prepared by C. I. HOOD & CO., Apothecaries, Lowell, Mass.

100 Doses One Dollar

M. EHRET, JR. & CO.
—MANUFACTURERS OF—

FOR FLAT AND STEEP ROOFS.
GUARANTEED
CHEAPEST & BEST IN USE.
ABSOLUTELY
WATER, FIRE & WIND-PROOF.
PUT ON BY ANYBODY.
W. O. BURGESS, Agt.,
8 and 9 Public Landing, - CINCINNATI, O.

ELY'S
CREAM BALM
when applied into the nostrils, will be absorbed, effectually cleansing the head of catarrhal virus, causing healthy secretions. It allays inflammation, protects the membranes of the nasal passages from additional colds, completely heals the sores and restores sense of taste and smell.

CATARRH

NOT a LIQUID or SNUFF.

A few applications relieve. *A thorough treatment will cure.*

A particle is applied into each nostril; is agreeable to use. Price 50 cents by mail or at Druggists. Send for circular. ELY BROTHERS, Druggists, Owego, N. Y.

HAY-FEVER

is the finest, toned and most durable in the world. Warranted to stand in any climate. Ask your nearest dealer for them. Illustrated catalogues mailed free by the manufacturers.
LYON & HEALY, 162 STATE ST. CHICAGO, ILL.

ASTHMA CURED
German Asthma Cure never fails to give immediate relief in the worst cases, insures comfortable sleep; effects cures where all others fail. A trial convinces the most skeptical. Price 50c. and $1.00, of Druggists or by mail. Sample FREE for stamp. DR. R. SCHIFFMAN, St. Paul, Minn.

ARTISTS' MATERIALS. Lustra and Colors, Repousse Work, Wax Flower Supplies. Send for our various catalogues. Mail orders solicited. HOFFMANN BROS., 165 Main Street, Cincinnati, Ohio.

FREE A book worth $10, on Courtship, sent free by the Union Pub Co., Newark, N.J. Send stamps for post'g. **LOVE**

HAIR Wigs, Bangs and Waves sent C. O. D. anywhere. Wholesale and retail price-list free. B. C. Strehl & Co., 173 Wabash-av., Chicago.

CANCER Treated and cured without the knife. Book on treatment sent free. Address F. L. POND, M.D., Aurora, Kane Co., Ill.

An Avaricious Man.

Why is an avaricious man like one with a short memory? He is always for-getting. So is the wise parent for-ever getting Taylor's Cherokee Remedy of Sweet Gum and Mullein, the croup preventive, and cough and consumption cure. Ask your druggist.

A SOFT job—Shaving a young man for the first time.—*Fall River Advance.*

Splendid Chances for Investment

in Northeast Nebraska. For illustrated pamphlet describing the country and its advantages for farming purposes, and how to reach there, address T. W. Teasdale, Gen. Pass. Agent, St. Paul, Minn.

"I'M well backed with silver," as the looking glass said.—*Stockton Maverick.*

BRONCHITIS is cured by frequent small doses of Piso's Cure for Consumption.

A GROWING evil—Your next door neighbor's squalling baby.—*Somerville Journal.*

PIKE'S TOOTHACHE DROPS cure in 1 minute, 25c. Glenn's Sulphur Soap heals and beautifies, 25c. GERMAN CORN REMOVER kills Corns & Bunions.

IF silence is golden what a valuable misfortune lockjaw must be.

IF afflicted with Sore Eyes use Dr. Isaac Thompson's Eye Water. Druggists sell it, 25c.

THE lawyer's advertisement—Give me a trial.

RED STAR
TRADE MARK.
COUGH CURE
Absolutely Free from Opiates, Emetics and Poison.
SAFE. SURE. PROMPT. 25 Cts.
AT DRUGGISTS AND DEALERS.
THE CHARLES A. VOGELER CO., BALTIMORE, MD.

ST. JACOBS OIL

THE GREAT
GERMAN REMEDY
For Pain Cures Rheumatism, Neuralgia, Backache, Headache, Toothache, Sprains, Bruises, etc. etc.
PRICE FIFTY CENTS.
AT DRUGGISTS AND DEALERS.
THE CHARLES A. VOGELER CO., BALTIMORE, MD.

LIVE STOCK CUTS.

We will furnish duplicates of LIVE STOCK CUTS from any other Cut shown in any Specimen Book, at or below quoted prices for same.
A. N. Kellogg Newspaper Co.
Electrotypers and Stereotypers,
177 & 179 Elm Street,
CINCINNATI.

BEST ORGANS
ON THE EASY PAYMENT PLAN.
MASON & HAMLIN
Now sell their celebrated Organs on the easy hire system, payments at the rate of $5.25 per month, etc. 240 styles, $21 to $900. Send for Catalogue with full particulars, sent free.
Also the Mason & Hamlin Improved Upright Pianos, new method of stringing.
MASON & HAMLIN ORGAN AND PIANO CO.,
BOSTON, NEW YORK, CHICAGO.

GEN. LOGAN'S Book, A BONANZA For good Agents. Write AT ONCE for territory. A. R. HARTA & CO., Publishers, 16 Murray Street, New York City.

No Rope to Cut Off Horses' Manes.
Celebrated "ECLIPSE" HALTER and BRIDLE Combined, cannot be slipped by any horse. Sample Halter to any part of the U. S. free, on receipt of $1. Sold by all Saddlery, Hardware and Harness Dealers. Special discount to the Trade. Send for Price-List. J. C. LIGHTHOUSE, Bogota, N. Y.

FINE Blooded Cattle, Sheep, Hogs, Poultry, Bees for sale. Catalogue with 150 engravings free. S. P. Boyer & Co., Coatsville, Pa.

DYSPEPSIA
is a dangerous as well as distressing complaint. If neglected it tends, by impairing nutrition, and depressing the tone of the system, to prepare the way for Rapid Decline.

BROWN'S **IRON BITTERS** — THE BEST TONIC
QUALITY P PURITY NOT QUANTITY. On Every Bottle. Trade Mark.
PHYSICIANS AND DRUGGISTS RECOMMEND IT.
Quickly and completely Cures Dyspepsia in all its forms, Heartburn, Belching, Tasting the Food, etc. It enriches and purifies the blood, stimulates the appetite, and aids the assimilation of food.
MR. WM. M. PLASTER 1114 Underhill St., Louisville, Ky., says: "I was troubled with Dyspepsia for several years. Was not relieved until I used Brown's Iron Bitters. It cured me."
MR. CYRUS W. SHAFF, Justice of the Peace Arcola, Ind., says: "I was so sorely afflicted with indigestion that I could eat nothing without distress. Brown's Iron Bitters has completely cured me."
Genuine has above Trade Mark and crossed red lines on wrapper. Take no other. Made only by
BROWN CHEMICAL CO., BALTIMORE, MD.

KENSINGTON STAMPING OUTFIT FREE!

Being fully aware of the great interest the ladies are taking in Kensington Work, we have prepared a Complete Outfit containing 50 Perforated Stamping Patterns on best quality of linen finish stamping paper, all of beautiful designs, viz: Roses, Forget-me-nots, Thistles, Straw berries, Outlines of Birds, Bugs, Spiders, Scalloping for Skirts, Corner Block Patterns, Crystal Embroidery, Borders, Foot Lines, Leaves, &c., &c., 50 in all, ranging in size from 1½ inch to 9 inches, also 1 Box Blue Stamping Powder, 1 Box White Stamping Powder, 1 Patent reversible Pouncet, and full and complete directions for Kensington Stitches, Raised Work, Angleine, Lace, Needle Knitter and Prominent Painting, Colors and mixing of Colors, Russian Embroidery, Chenille and Arrasene Work, Correct Colors for all the different flowers, Description of every stitch used in embroidery, &c., making a Complete Outfit that cannot be bought at retail for less than $1.00. To introduce THE FARM AND HOUSEHOLD, the large, 16 page Illustrated magazine devoted to the interests of the country home and household, we will send one of these Outfits complete, Free and postpaid, to any lady who will send 25c. for three months' trial subscription to the Magazine. Price for 4 Months' trial only 25c. Money cheerfully refunded if not more than satisfactory. We are now located in our large brick factory, fronting 300 feet on the line of the N. Y., N. H. & H. R. R., and the government having located a manufactory of firecrackers in our vicinity, we are now prepared to fill all orders promptly to its entire satisfaction at any season of the year.
Farm and Household, Hartford, Conn.

LE PAGE'S GLUES

Used by the best manufacturers and mechanics in the world. Fashion Plate Carts, Mason & Hamlin Organ & Piano Co., &c., use it in their work.
At the New Orleans Exposition, Jaques made with it a wagon and a tasting strain of over
1600 Pounds TO A SQUARE INCH.
TWO GOLD MEDALS, London, 1862. New Orleans, 1884.
Has stood the test over 40 years. Sold everywhere. Sent prepaid on receipt of price, 50c. pint, $1 quart, $2 half gallon. Sample free for stamp.
RUSSIA CEMENT CO., Gloucester, Mass.

FOR COUGHS, CROUP AND CONSUMPTION USE
TAYLOR'S CHEROKEE REMEDY
OF SWEET GUM AND MULLEIN.
The Sweet Gum from a tree of the same name growing in the South. Combined with a tea made from the Mullein plant (Verbascum Thapsus). For sale by all druggists at 50 cents and $1.00 per bottle.
WALTER A. TAYLOR, Atlanta, Ga.

CONTAGIOUS!

I am a native of England, and while I was in that country I contracted a terrible blood poison, and for two years was under treatment as an outdoor patient at Nottingham Hospital, England, but was not cured. I suffered the most agonizing pains in my bones, and was covered with sores all over my body and limbs. Finally I completely lost all hopes in that country, and sailed for America, and was treated at Roosevelt Hospital in this city, as well as by a prominent physician in New York, being no connection with the hospitals.
I saw the advertisement of Swift's Specific, and I determined to give it a trial. I took six bottles and I can say with great joy that they have cured me entirely. I am as sound and well as I ever was in my life. F. FRED HALFORD.
New York City, June 12, 1885.
Treatise on Blood and Skin Diseases mailed free.
THE SWIFT SPECIFIC CO., Drawer 3, Atlanta, Ga.
N. Y., 157 W. 23d Street.

CHEAPEST and BEST. Prices REDUCED. Holman's New **PARALLEL BIBLES!** Over 100 pages. Fully illustrated. Agents Wanted. Circulars free. A. J. HOLMAN & CO., Phila.

A.N.K.—E. 1075

MARCH, APRIL, MAY

Are the three arches of a bridge which bind the season of ice to that of roses. SPRING IS A TRYING TIME for invalids. At this time you should seek to cleanse and purify your system from humors. If you are vexed with Indigestion, Headache, want of appetite, disordered liver and kidneys, constipation, or feverish skin, take DR. D. KENNEDY'S FAVORITE REMEDY to

PURIFY THE BLOOD

Without an hour's delay. It is safe, quick and positive in action. Keep it in the house when you are at home, for the blood, and take it with you on journeys. You will find it cheaper than sickness, and as pleasant to take as the food of a friend. To women who suffer from any of the ills peculiar to the sex, FAVORITE REMEDY proves a real blessing.

DR. DAVID KENNEDY'S **"FAVORITE REMEDY."** SOLD BY ALL DRUGGISTS. $1 per Bottle; 6 for $5.00.
MADE BY DR. DAVID KENNEDY, RONDOUT, N. Y.

Don't Buy SEEDS
without writing for our Catalogue. Our prices DEFY COMPETITION, and Seeds are NEW, PURE, FRESH, RELIABLE. FREE Catalogue, invaluable to all, of 136 pages, including Plants, Fruits, and price list, with 300 illustrations. Let us hear from you. Respectfully,
THE STORRS & HARRISON CO.
PAINESVILLE, LAKE CO., OHIO.

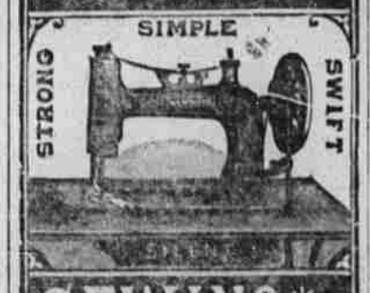
LANDS IN NORTHERN WISCONSIN
500,000 ACRES of Choice Hardwood Farming Lands for Sale on EASY TERMS to ACTUAL SETTLERS. EXTRAORDINARY inducements offered. NO DROUGHTS or CYCLONES! Full Particulars, with good Map, FREE. Address C. L. COLBY, Land Commissioner W. C. R.R., MILWAUKEE, Wis. **FARMS**

CONSUMPTION
I have a positive remedy for the above disease; by its use thousands of cases of the worst kind and of long standing have been cured. Indeed, so strong is my faith in its efficacy, that I will send TWO BOTTLES FREE, together with a VALUABLE TREATISE on this disease, to any sufferer. Give Express and P. O. address. DR. T. A. SLOCUM, 181 Pearl St., N. Y.

PISO'S CURE FOR CONSUMPTION — CURES WHERE ALL ELSE FAILS. Best Cough Syrup. Tastes good. Use in time. Sold by druggists. 25 CTS.

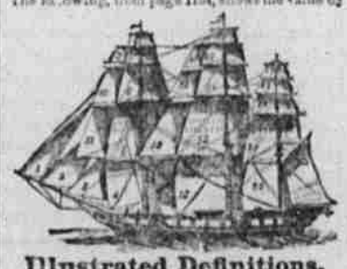
MUSTANG
Survival of the Fittest.
A FAMILY MEDICINE THAT HAS HEALED MILLIONS DURING 35 YEARS!
MEXICAN MUSTANG LINIMENT.
A BALM FOR EVERY WOUND OF MAN AND BEAST!
The Oldest & Best Liniment EVER MADE IN AMERICA.
SALES LARGER THAN EVER.
The Mexican Mustang Liniment has been known for more than thirty-five years as the best of all Liniments, for Man and Beast. Its sales to-day are larger than ever. It cures when all others fail, and penetrates skin, tendon and muscle, to the very bone. Sold everywhere.

ABOVE ALL COMPETITORS
THE LIGHT RUNNING
NEW HOME SEWING MACHINE



PERFECT IN EVERY PARTICULAR
HAS MORE IMPROVEMENTS THAN ALL OTHER SEWING MACHINES COMBINED
NEW HOME SEWING MACHINE CO.
30 UNION SQUARE, NEW YORK
CHICAGO, ILL. ORANGE, MASS.
AND ATLANTA, GA.

WEBSTER'S UNABRIDGED:
Latest Edition has 118,000 Words, (2000 more than any other American Dict'y.)
3000 Engravings, (nearly 3 times the number in any other Dict'y.) also contains a Biographical Dictionary giving brief important facts concerning
9700 Noted Persons.
The following, from page 1154, shows the value of



Illustrated Definitions.
1, flying jib; 2, jib; 3, foretop-mast-stay sail; 4, fore-course; 5, foretop sail; 6, foretop-gallant sail; 7, fore-royal; 8, fore sky sail; 9, fore-royal studding sail; 10, foretop-gallant studding sail; 11, foretop-mast studding sail; 12, main-course; 13, maintop sail; 14, maintop-gallant sail; 15, main-royal; 16, main sky sail; 17, main-royal studding sail; 18, main top-gallant studding sail; 19, maintop-mast studding sail; 20, mizzen-course; 21, mizzen-top sail; 22, mizzen-top-gallant sail; 23, mizzen-royal; 24, mizzen sky sail; 25, mizzen-spanker.
Among the many that could be cited are the following: Boat, Boiler, Castle, Column, Eye, Horse, Moldings, Phrenology, Raven, Ships, pp. 1164 and 1165; Steam Engine and Timbers. These 12 pictures define 243 words and terms.
THE STANDARD.
Webster is the Standard of the U. S. Supreme Court and in the U. S. Govt Printing Office. Recommended by State Sup'ts of Schools in 36 States. Sale 20 times that of any other series.
G. & C. MERRIAM & CO., Pub'rs Springfield, Mass.

EASILY CURED. BOOK FREE. **OPIUM HABIT** DR. J. C. HOFFMAN, JEFFERSON, WISCONSIN.

THE ACME WAGONS
Are excelled by none for durability and lightness of draft. They are made of thoroughly selected stock and have fewest possible parts, our wheels are made with a patent slope shoulder spoke, improved steel thimble skeins, or solid collar iron axles, and have round edge tire for the protection of fellows and paint.

We build the highest grade of wagon for general farm use, those contemplating purchasing should not fail to get our prices before buying.
SEND AT ONCE FOR CATALOGUE AND PRICES to
E. K. EMIG & CO., Emigsville, Pa.

HAYWARD HAND GRENADE
Best Hand Grenade Fire Extinguisher ever produced. Reliable, simple, economical; will not freeze or burst. Resists the action of all climates, will not deteriorate with age. Easily broken, can be used by any one. The liquid contained in it is absolutely harmless to flesh and fabric. Everything it touches becomes fire-proof, for whatever it falls upon will not burn. We do not claim to extinguish conflagrations or to usurp the place occupied by the Fire Departments, but we emphatically hold that no incipient fire can possibly live where the HAYWARD HAND GRENADES are used as directed, and that conflagrations or disastrous fires are prevented. Send to us for full particulars and one of our new pamphlets containing proofs of the wonderful efficiency of our Grenades in extinguishing actual fires. No Farm House, Barn, Private Residence, Hotel, Public building, or Manufactory should be without their protection. We want live, active, reliable men for agents in the United States. Address
HAYWARD HAND GRENADE CO., 407-409 Broadway, New York.

EXTINGUISHES FIRES INSTANTLY.

Don't Purchase Worthless Imitations.

THE INCOMPARABLE **BAUS PIANO**

The Most Perfect Instrument in the World.
Used Exclusively at the "Grand Conservatory of music," OF NEW YORK.
Endorsed by all Eminent Artists.
LOW PRICES! EASY TERMS!
AUGUSTUS BAUS & CO., M'FGS.
WAREROOMS, 58 W. 23d St. NEW YORK.

THE ORRVILLE CHAMPION COMBINED Grain Thresher AND Clover Huller.
Acknowledged by Thresherman to be

The King!
Remember we make the only Two-Cylinder Grain Thresher and Clover Huller that will do the work of two separate machines. The Clover Huller is not a simple attachment but a separate hulling cylinder constructed and operated upon the most approved scientific principles. Has the widest separating capacity of any machine in the market. Is light, compact, durable, uses but one belt and requires less power and has fewer working parts than any other machine. So simple in construction that it is easily understood. Will thresh perfectly all kinds of grain, peas, timothy, flax, clover, etc. Send for circular, price list, etc., of Threshers, Engines, Saw Mills and Grain Registers, and be sure to mention this paper. Agents wanted. Address
THE KOPPES MACHINE CO.
ORRVILLE, O.

HENCH'S Riding or Walking Corn and Fallow **CULTIVATOR.**

With double Fore Carriage and Pivoted Axle. Greatest Metal and Highest Awards of Merit at the Great Industrial Expositions. Sold on time payments, or on long time. Address The KING OF THE CORN-FIELD. RELIABLE AGENTS wanted in all new territory. Address this paper.
HENCH & DROMGOLD, York, Pa.

WONDERFUL SOAP!

No Rubbing! No Backache! No Sore Fingers!
Warranted not to Injure the Clothes.
Ask your Grocer for it. If he cannot supply you, one cake will be mailed FREE on receipt of six two cent stamps for postage. A beautiful nine-colored "Chromo" with three bars. Dealers and Grocers should write for particulars.
G. A. SHOUDY & SON, ROCKFORD, ILL.

SHRINER'S INDIAN VERMIFUGE
I guarantee SHRINER'S INDIAN VERMIFUGE to destroy and expel Worms from the human body, where they exist, if used according to the directions. It is a safe and reliable remedy.
FOR SALE BY ALL DRUGGISTS AND STORE KEEPERS.
David E. Foutz, Prop.
BALTIMORE, MD.

NEVER FAILS

FREE! RELIABLE SELF-CURE.
A favorite prescription of one of the most noted and successful specialists in the U. S. (now retired) for the cure of Nervous Debility, Lost Manhood, Weakness and Decay. Sent in plain sealed envelope free. Druggists can fill it.
Address DR. VARD & CO., Louisiana, Mo.