Great Boom in the Standard Fluid in Southern California.

LOS ANGELES A CITY OF DERRICKS

More Money Pumped Out of the Earth There Than is Dug in the Klondike - Fabulous Land Values.

Next to a gold discovery there is nothing that can cause such a stampede as the mental germ disease, and when the bacillus going business habits to the winds and rushes off on a search that terminates only will-o'-the-wisp.

an influx of boomers, oil prospectors and per acre. adventurers of all kinds that outdoes the have advanced in a few months to the rank thousands of outfits are at work putting are busy with pick and shovel trying to operations, is a young man about twentyis worthy to be ranked with the fuel of Aladdin's lamp in its fortune-giving potentialities.

The oil excitement has made some big changes in southern California within the last year or so. It has transformed Los Angeles from a quiet, pleasant residence town into a city of derricks, with the smell of coal oil in the air, and with a big petroleum exchange in which fortunes can be won and lost as readily as they can in Wall street. Los Angeles is the only part has reached anything like its maximum point, and this restricted district is flowing more than 1,000,000 barrels a year.

Changes in the Town. The man who lett Los Angeles ten years ago and returns there today will find it im- way to become one of the richest men in possible to recognize the town. The richest | the country. finds in this district have been made within the city limits. The boom was started by two men who dug a well with pick and shovel at the corner of Patton and State streets, near the Second Street park. When their strike was followed by others on the mad with oil excitement. It is a lively other side of the city everybody who owned town nowadays in which every land of a a lot in the proved district decided to take gambling game is run wide open. Day laa try at oil hunting. Men who owned houses in the residence portion of the city caught the fever and proceeded to disfigure their lawns with derricks and lengths of oil pipe. On some of the streets of Los Angeles one will see an ugly black derrick in front of value as yet, and a great deal of land specevery house, while at least half the resi- ulation is going on. So well informed a dences have a second derrick in the back- man as Mr. C. A. Canfield said recently yard. As a consequence of the fact that the that \$30,000 per acre was a conservative land in the city is split up into many small estimate for the real value of the land holdings, no territory ever had a more rapid within the proved district. Should the development than this Los Angeles sec- production of the wells come up to the escases not more than fifty or seventy-five ined them, the value of the territory alfeet apart. This naturally followed from ready exploited will amount to something the fact that every man was eager to de- like \$500,000,000. s land us far as possible, and when There is a side to the California oil disspace of an ordinary city lot, he was compelled to do likewise in self-defense. The result of this is that the oil sand is being rapidly drained of its brown fluid and the life of the local industry has undoubtedly been shortened. It will make a great record while it lasts, however, for down to the present time the Los Angeles district has to its credit more than 7,000,000 barrels of oil, and the city has firmly established itself as the headquarters of the industry in southern California, having a flourishing oil exchange which does a business in oil stocks of more than \$100,000 a month, although it

### men and oil experts of the city. Off Under the Ocean.

Probably nowwhere else in the world is there such a picturesque oil field as exists at Summerland, in Santa Barbara, out into the Pacific and oil is being pumped from beneath the waters of old ocean itself. The town is situated beside the ocean on the sides of steep hills. Between the hills and the water there is a narrow strip of level land a quarter of a mile wide and a mile long. Five years ago a man named Williams sunk a well on the beach in front of the town and struck oil, and started what is known in California as "the beach rush," which has covered the narrow level rush, which has covered the harrow level and making it one of the great manufactericks. A year after this discovery J. turing centers of the United States. derricks. A year after this discovery J. B Tredwell built an oil wharf out into the ocean and sunk a well from it. He drilled through the first off sand which is less than 100 feet below the surface, and struck a second oil bearing stratum, which has proved more profitable than the first one. Mr. Tredwell now has over 1,200 feet of oil wharves carrying a dozen wells, and his example has been followed by other prospectors until the coast waters for a mile or more break under piers, which carry hundreds of derricks. Up to date the Summerland wells have not produced as large a flow as those in some of the other section.

Ireland lost by emigration last year 45.—288 souls, an increase over 1839 of 3,347. Over 83 per cent of these were between the ages of 15 and 35. Of the total number of emispers of 15 and 35. Of the total number of emispers of 15 and 35. Of the total number of emispers of 15 and 35. Of the total number of emispers of 15 and 35. Of the total number of emispers of 15 and 35. Of the total number of emispers of 15 and 35. Of the total number of emispers of 15 and 35. Of the total number of emispers of 15 and 35. Of the total number of emispers of 15 and 35. Of the total number of emispers of 15 and 35. Of the total number of emispers of 15 and 35. Of the total number of emispers of 15 and 35. Of the total number of emispers of 15 and 35. Of the total number of emispers of 15 and 35. Of the total number of emispers of 15 and 35. Of the total number of emispers of 15 and 35. Of the total number of emispers of 15 and 35. Of the total number of emispers of 15 and 35. Of the total number of emispers of 15 and 35. Of the total number of emispers of 15 and 35. Of the total number of emispers of 15 and 35. Of the total number of emispers of 15 and 35. Of the total number of emispers of 15 and 35. Of the total number of emispers of 15 and 35. Of the total number of emispers of 15 and 35. Of the total number of emispers of 15 and 15 an flow as those in some of the other sections, but on the other hand the cost of drilling is less and it is not necessary to go down more than 200 feet to reach the lower bearing stratum. It is a noteworthy fact that the further out from shore a well is drilled the thicker the oil stratum is found to be, and as the coast waters are comparatively shallow for a long distance out it is probable that within a few years there will be oil derricks half a mile or more out to sea. One great advantage of the Summerland district is that the oil can be loaded directly from the wharves on which it is produced into tank vessels. it sells for \$1 a barrel at the pier.

## Kern River District.

At the present time the liveliest section of the California oil fields is the Kern river district. The first discovery in this section was made about six miles from Bakersfield. in May, 1899, at a depth of only sixty feet. Later in the same year the "Discovery

OIL MINGLED WITH OZONE which form a beam filled with shale and off-hearing sand, which is held by strata IN THE FIELD OF ELECTRICITY of clay above and below. This situation has impressed every oil expert who has visited the region and it is a fact that practically every well that has been put down within this basin—"inside the dish-pan," as they say in Bakersfield—has been a profitable producer.

## A Remarkable Revival.

Bakersfield is the center point of the Kern river excitement, and it is in all respects a remarkable place at present. was considered a dead town in California up to the time of the oil discoveries. The land was about as unpromising for agricultural purposes as could be found within the limits of the state and the Southern Pacific Railroad company, which held mos! of it, was glad to dispose of it at the rate \$2.50 per acre. Even after the first discovery the railroad company did not gets into a man's mind he casts his steady- awake to the value of the bonanza which it held, and sold a good many acres at this price, which it would be glad to buy back when he has struck it rich or has worn now at \$1,000 apiece. Hundreds of acres himself out in a fruitless chase after this that the Southern Pacific let go at from \$2.50 to \$7 have changed hands four or five This is the situation in a large part of times since then, always at a rising scale, southern California today. There has been which now reaches from \$1,000 to \$10,000

A good many fortunes have been made record of Klondike or Cape Nome. Towns in the Kern river field within the last have sprung up on the bare sandhills and twelve months and some of the richest men in that section today are men who worked of cities. All over the region between the in dry goods shops and grocery stores for coast range and the Sierra Madre moun- \$30 a month no longer ago than last year. tains, and from Siskiyou to San Bernardino, For instance, the biggest firm in Bakersfield district is Chanslor & Canfield, and the down wells, while the men who have used | head of the firm, "Joe" Chanslor, now the up their available cash in acquiring claims most prominent figure in California oil dig down to the oil-bearing sand or are eight or twenty-nine years old, who has looking for somebody to stake them to made a modest fortune of something like carfare back east so that they can float a \$15,000,000 within the last year and a half. company on the strength of their few acres It is said that Chanslor was working as of sagebrush. Men who valued their en- a clerk in a Los Angeles grocery store when tire worldly possessions a few months ago he became interested in the oil fields to at a few hundred dollars are now rated at the Ventura county district about two years hundreds of thousands; over the whole ago. He had no money with which to take movement there is the glamour of oil that up land and sink wells, but he managed to raise \$3,000 on a note by promising give the lender one-half of the proceeds. The three thousand sufficed to put down three wells, two of which were profitably productive, while the third was a gusher. It is said that within a year of the time he borrowed the money Chanslor paid the man who loaned it to him \$178,000, which represents a very good rate of interest even for California

Chanslor and his partner were among the first prospectors of the Kern river disof the region in which the development trict. They bought up as much land as they could secure and were among those who obtained land from the Southern Pacific at \$2.50 an acre, which they would not part with for less than \$10,000 an acre. Chanslor owns some of the finest wells in the Kern river district, and is in a fair

## Fortunes in Values.

There are hundreds of stories less remarkable than this only in degree going the rounds in Bakersfield, and the town is borers are receiving \$10 and \$12 for ten hours' work and hotel prices make the Waldorf-Astoria seem cheap by comparison. Nobody in Bakersfield believes that the oil lands have reached the limit of their real Wells have been put down in some timates of the oil experts who have exam-

importance. This is the probability of the future development of oil as fuel. None of refined for illuminating purposes, but a wide field of usefulness is being found for it as a substitute for coal, for heating and steam making purposes. Already the Southern Pacific and Santa Fe railroads are using it in nearly all their locomotives in California as 100,000 barrels of oil a month for this purpose and the Santa Fe road recently placed an advance order for 1,250,000 barrels for future delivery. In addition to this the is run on a very conservative basis, being sugar beet factories and other manufacturcontrolled by some of the leading business ing plants of California are rapidly replacing coal with oil, and its uses for this purpose are likely to create a steady and strong demand for all the oil that can be produced in the California fields for many years to come. The great difficulty that has heretofore retarded the industrial development of California has been the high price of Coal costs on the average about \$6.50 ton. Under present conditions oil sells at from \$1.00 to \$1.25 per barrel, and \$4.50 worth of oil will do the work of a top of coal, and in the opinion of many persons will do it better than the coal itself. market and to prove of the greatest importance to the whole Pacific coast region in encouraging its industrial development

## OUT OF THE ORDINARY.

The magnitude of the operations carried on incidentally by David Rankin, the Missouri cattle king, may be imagined when it is remembered that at his ranch in Atchison county this year he will plant 10,000 aeres of corn alone, employing about 250 men and utilizing 600 horses.

64. Canada 472 and Australia 534.

There are 7,400 members of the New York police force for all the boroughs—7,368, to be exact. The number of arrests made by the New York police last year was 18,875, or an average of between eighteen and twenty for each policeman. In 1850 the expenses of the New York police department were \$11,182,500. This year they are \$11,-182,000.

The private letter books of Robert Mor-ris, the financier of the revolution, which were lost for several generations, were brought to light in Washington recently and have been deposited in the congres-sional library. Another acquisition by the library is the original manuscript setting forth the various decrees by which the titles were conferred on Columbus by the pope for the discovery of America.

A mammonth black walnut tree on the

A mammoth black walnut tree on the farm of E. P. Gaus in Williams county. Ohio, has just been sold for 44.00. Several lumber dealers have examined chips from this tree, and all have declared it to be the finest specimen of that kind of wood they ever saw. The tree was eight feet in diameter forty feet above the stump and extended seventy-three feet from the butt to the first limb.

tended seventy-three feet from the butt to the first limb.

Consul Warner reports from Leipsic that a new method of street car advertising was a started a day. This started the rush to Bakersfield, and since that time thousands of wells have been sunk. Most of them yield a flow of from twenty-five to seventy-five barrels per day, although hundred-barrel gushers have been found not infrequently. The oil stratum is of exceptional thickness, in many places from 300 to 500 feet through. This promises a long period of productivity which will make the total return from each well extraordinarily profitable. A number of experts who have examined the field have estimated the probable flow of oil at from 130,000 to 200,000 barrels per acre.

The topographical situation of the Kers river field is peculiar. It lies at the southern end of the San Joaquin valley, just above the junction of the Sierra Nevada and the Coast range. Thus the field its surrounded on three sides by mountains,

Effect of the Decision Invalidating the

Berliner Telephene Patent.

Opposition Companies Spreading Rapidly in the East-Electrical Pressures-Points on Arti-Scial Illumination.

Electricians declare that the recent desetts, that the patent issued November 17, 1891, to Emile Berliner was invalid and corded. dismissing the suit brought by the American Bell Telephone company against other companies, is a great victory for the independent telephone field. In speaking of the decision Charles A. Brown, in the West-

ern Electrician, says; "In respect to the interests involved, the sustained it would have given that company or its successors the absolute monopcarrying on of the telephone business. By controlling, therefore, this essential detail Telephone company would have been put in complete control of the telephone bustness of the country as it is now carried on. seven years since the expiration of the funered the whole country with a network of astonishing record.
wires and have established exchanges in These figures afford a basis of comparison many of the important cities of the country, as well as a multitude of small towns- in Minnesota. It supplies St. Paul with preciated. Since the expiration of the funof telephony has far exceeded all its growth, horse power, but the current, although genprior to that time. There is hardly a farm- erated at 800 volts, is transformed up to ing community in the country which has not ta system of private lines. "The decision will have the effect of re-

to be interested in independent telephone stances in the world, and exceeds that to be enterprises, on the score of any fundamental patent controlled by the American Telephone company at the present time, and will give a decided impetus to illumination before the New York Electrical industry in the immediate future than not be forgotten, however, that the Americontrol phone interests at the present time."

## Telephone Competition.

According to the last annual report of the Bell company there were 1,580,000 instruments out in 1899, whereas in 1900 there were 1,950,000. As each station has two instruments, a receiver and a transmitter, that would mean, if all were in use, 1,000,sociation of the United States, the opposi tion musters already 1,500,000 subscribers scribers here, 7,500,000 stations could be maintained at reasonable prices on the ex-In other words by 1905 the telephone investment in this country will easily have much of this vast amount of new work shall be Bell, and how much shall be secured by the independents. The Bell telephone apparatus proper in this country is all made by one concern, which has factories in New York and Chicago. There are already at least seventy recognized makers of independent apparatus, mostly in the west, and oubled before the year is out. Some of the independent manufacturers have already equipped large exchanges, among which may be mentioned those at St. Louis, Pittaburg, Baltimore, Atlanta, Cleveland Rochester, Terre Haute, Indianapolis and other cities, and they have contracts ahead for very heavy work.

## Open-Air Telephones. The nearest approach to wireless teleg-

raphy in point of convenience of commun cation is the open-air telephone, for use in the public streets. When this has come into use you can jump off a street car at any corner, call up "central" and talk with your paster or your best girl-and have it all over in a second.

William Gray of Hartford, Conn., the inventor of the regulation booth telephone, has concocted the scheme, and fifty of the machines are now being put together by the Gray Telephone Pay Station company. of the street corners in New Haven. If the device proves as successful as its inventer imagines that it will, the introduc-States will depend only on the consent of

the municipal authorities. This outdoor telephone is of the height and shape of a police or fire slarm box. The slender iron post that bears the box and the box itself have a white aluminum finish. The sides of the box bear the blue bell, the emblem of the telephone pay sta-

The door can be unlocked by dropping 1 cent in the slot, and the coin can be recovered upon the opening of the door. Inside the box is a mechanical pay station telephone with the slots for dimes, nickels, etc., and on the inside of the door hangs a telephone directory.

The receiver is attached to the back by a short arm, and beside it hangs the transmitter. Connection with the central office is made in the usual way, and when central gets the person wanted and the money The door of the box is on beveled hinges and shuts itself by gravitation after the

telephone has been used. It is apparent that such street stations make telephoning so easy that there will be a general demand for their introduction. Of course, they cannot be put in without the consent of the local authorities, and they may be regarded as an obstruction in the street, although they will take up no more room than fire alarm or police telephone boxes.

It is suggested that the telephone call hox may supplant both of these, and make them no longer necessary, as it is intended o permit the police to use the boxes free for messages to station houses and even permit the free use of them to anybody who wants to communicate with the police. Electrical Pressures.

Until very recently it was not deemed safe to transmit power in the form of electricity at a greater pressure than 10,000 or 15,000 volts. Between Niagara and Buf-

falo a voltage of 11,000 is now employed. but this will be doubled before many weeks The pressure on the Folsom-Sacramento line in California is 11,000 voits. A line in Colorado which operates machinery in mines near Canyon City transmits its current at 20,000 volts. The two most remarkable transmission plants in this country and probably in the world, in point of volt-COMPETITION IN TELEPHONE BUSINESS ages, are those at Telluride, Colo., and the line from San Bernardino to Los Angeles Cal. The former is short, but carries the current at 40,000 volts. This pressure was adopted as a regular thing after a series of tests in which a voltage of 50,000 was successfully sustained for thirty-seven consecutive days. The San Bernardino line though, while worked at only \$3,000 volts is eighty-three miles long, and carries no frion of Judge Brown of the United States less than 10,000 horse power. On the whole circuit court for the district of Massachu- electricians regard it the boldest achievement in electrical transmission yet re-

Within the next few months an even more notable success will probably be an nounced from California. A corporation which now controls several power houses and is supplying current to towns and mining districts in Yuba and Nevada counties has nearly completed a line to Oakland suit surpasses any prior patent suit. If the and San Francisco that will be 140 miles claims of the American Bell Telephone in length. On some of its existing lines company regarding this patent had been the company is transmitting at 16,000 and 24,000 volts. But the transformers will be capable of giving 40,000, 50,000 or 60,000 on oly of all forms of telephone transmitters the Oakland route. Operations will begin now in commercial use. Some form of at 40,000 volts, and the higher pressure transmitter is absolutely essential to the will be resorted to as soon as the losses which result from an increasing "load" exceed 10 per cent. The line is being conof telephonic apparatus, the American Bell structed with a view to standing 60,000

volts regularly. The chief requisite to the safe handling of high voltage is good insulation, just as When it is considered that throughout the mere strength is to a steam pipe carrying United States there have grown up, in the fivefold greater pressure than another. A few years ago electricians would have stood damental telephone patents, vast interests aghast at the idea of employing 60,000 volts independent of the American Bell Tele- in actual service. But it will probably not phone company-interests which have cov- be long before they try to beat even this

for a new plant which is about to be opened the importance of this decision may be ap- electricity from Apple river, twenty-seven miles away. The four dynamos utilized damental Bell telephone patents the growth have a collective capacity of only 4.000 25,000 volts for transmission purposes only When it gets into St. Paul it is transformed down again. It will be observed lieving the apprehension of manufacturers that the pressure here employed is at presand investors who are interested or likely ont equaled or surpassed in very few intried at Niagara in the near future. Artificial Illumination. Dr. Louis Bell, in lecturing on electrical

new telephone enterprises, so that it may society, said that the question of artificial be looked upon with certainty that there illumination was one about which there will be more development of the telephone was a great deal of popular misconception. More illumination fails from being too there has been even in the past. It must bright than from not being bright enough. One of the fundamental principles of can Bell Telephone company still controls illumination is that the source of lighting a vast number of patents upon telephonic should be unobtrusive. This is the direcapparatus, probably reaching 2,500. It is tion in which most artificial lighting errs. possible that, having failed in its effort to Instead of helping the vision it often hinthe telephone situation by one ders it, for the reason that a bright point broad, underlying patent, it may now be of light in the field of vision causes the the policy of that company to harass inde- pupil to shut up and protect itself, reducpendent telephone company enterprise by ing the amount of light, so that one cannot a multiplicity of suits upon subsidiary pat- see with anything like the convenience ents. There is none of these patents, how- which the degree of light would seem to ever, which can be a cause of great appre- indicate. When Hell Gate in the New York hension on the part of the independent tele- harbor and the entrance to the sound were lit by large lamps surmounting high towers there were constant complaints from the nilots of various boats that the lights bothered them. The authorities retorted: "That cannot be; we are giving you fine illumination." So they were, but they were giving it from radiants so bright that the eyesight of the pilots was dazzled that would mean, if all were in use, 1.000, and they could not see the surrounding objects, objects. The highest artificial brilliancy in many have more than one set. If one is to accept the figures of Judge Thomas, the 50,000 candle-power per square inch in cer run as high as 100,000 candle-power per square inch of radiant surface. The direction of illumination is of the greatest importance. or from the side. Light reflected from snow is peculiarly severe, and often produces a species of inflammation resulting in snow blindness. This comes, not from its great sunlight, but because it strikes upward from the snow, entering the eye from an unfamiliar direction, and probably concentrating its strength on the part of th retina least able to withstand that par ticular source of pounding by light rays It has been found that blackening the lower eyelids with burned cork will arrest speaking of the Nernst lamp, Dr. Bell explained that the principle involved in its operation is that of the formation of an electric arc, heating to an enormous degree a this pencil or slip of highly refractory material, which becomes conducting, and rising to an intense temperature, gives out a great deal of light. Dr. Bell expressed the belief that in six months or a year the Nernst lamp would become quite a common sight in this country.

Electrical Notes. Montreal, which has enjoyed about the cheapest electric lighting rates in America, because of the keen competition between two rival companies operating water powers, is to have a \$25,000,000 combination of all the lighting and power companies in the city, and its effect on the lighting rates is awaited with interest.

A Missouri editor has had erected, equipped and connected with his printing office an extensive system of telephone lines, going not only to nearby towns, but also to numerous farmhouses. His original object was solely to gain news more easily for his paper. The enterprise has developed until now he has an extensive rural telephone system.

phone system.

Some 900,000 miles of electric wire were in use for telephony in the United States in 1839, with 1,000,000 telephone instruments and 400,000 stations. It is estimated that the capital employed in this industry in the United States approximates \$100,000,000. The telephones of the whole world are estimated to number 1,500,000, with 1,750,000 miles of wire. The telephone service in this country thus approximately equals that of all other countries combined. In 1875 there were 200 instruments working in Europe and 380 in the United States.

According to the Electrical World W S.

Europe and 350 in the United States.

According to the Electrical World W. S. Burnett and W. H. Goodhal of Milwaukee, Wis., are the inventors of a device which permits the calling of any subscriber on a party telephone line without disturbing the other subscribers on the same line. The apparatus is called the multiplex telesig. It is said to be possible by the use of the new device to maintain on one circuit telephone service, station signaling on ratiroads, police and fire signaling, messenger service, etc. A number of submarine mines may be placed in circuit and any of them exploded without affecting the others.

The electric searchight that is to be in-

exploded without affecting the others.

The electric searchight that is to be installed on the electric tower of the Pan-American exposition at Buffalo, N. Y., says Electricity, is designed to attract much attention. The searchlight, which is a thirty-inch projector, will be the most wonderful light of its kind ever erected, and it will be operated on the 360-foot level of the electric tower. In order to more definitely locate this 360-foot level it may be further pointed out that it is the level at which the tower makes the last contraction, and this is only thirty-one feet below the extreme apex or highest point of the tower and statue of the Goddess of Light that will surmount it. The beam from this searchight will flash through the sky with a brilliancy that will cause it to be seen for a distance of at least fifty miles.

Indigestion is the direct cause of disease that kills thousands of persons annually. Stop the trouble at the start with a little stomach and aids digestion.

Celorado Will Hang Murderers.

DENVER, May I.—The bill restoring capital punishment by hanging for murder in Colorado becomes a law without the governor's signature, the time in which he could veto it having expired last night. Under the law, which becomes effective July I next, the jury will fix the penalty in murder cases.



as a relish but as a substantial addition to the daily food. At prices now prevailing it is as cheap an article of sustenance as can be purchased. You get substantial value for all the money you pay out. You do not pay provision prices for 75% water as you do in purchasing meat or other provisions or fruits. A 25-lb. box of prunes in a family, besides enabling the housewife to prepare many delicious dishes, will save double their cost in meat, to say nothing of doctor's bills. If, especially in the diet of children, prunes were substituted for one-half the milk and all the sweet cake and candy, our children would be far more healthful than they now are.

The proof that you are getting this prune is the brand of the Galifornia Gured Fruit Association, as displayed below.

PRUNE SAUCE

Try this recipe for "Prune Sauce" which won a prize in California Prize Prune Cooking Contest a few weeks ago:

"Take about two pounds of cured prunes. Wash thoroughly. Then put the prunes in an earthenware dish and cover with cold water, adding sugar to suit the taste. Let them stand for thirty hours. Then they are ready for the table."

Be sure and send for book containing 100 recipes for preparing prunes in every way, which were obtained in a prize contest participated in by the very best cooks gether with a "Prune Primer," which will delight the little folks, will be sent free on request.

CALIFORNIA CURED PRUIT ASSOCIATION San Jose, Cal.





# "It Saved My Life."

Willard, Ill., August 1, 1900.

I was in had health this spring and could not sit up in hed for four weeks. When I was confined my child died. When I began to alt up I felt so weak and had such terrible pains in my back and hips. I had kidney trouble, heart trouble and falling of the womb. I also had hysterical spells. I was in a had condition when I received your "Ladles" Birthday Almanac" and read the advertisement of Wine of Cardul and Thedford's Black-Draught. Since April 20th, I have taken four hottles of Wine of Cardul and three packages of Thedford's Black-Draught. I feel like a new person now. I can do all my work and can walk out to see any of my neighbors. I believe I would have been in the grave had it not been for Wine of Cardul. IT SAVED MY LIFE.

Mrs. ALICE DAVIS.

It is well that women are more patient than men. Few men could bear the bitter pangs, the agony and distress that women endure. Thousands of women have come to look upon suffering as a duty of their sex. But there are many instances of this heroic fortitude which

## WINEORCARDU

now renders unnecessary. Women need no longer suffer for modesty's sake. Wine of Cardui brings relief to modest women in the privacy of their homes. Many of the best homes in this city are never without this great medicine. It cures "whites" and falling of the womb and completely eradicates these dragging periodical pains. Mrs. Davis' cure shows you conclusively what you may expect if you follow her example and take Wine of Cardui. Thedford's Black-Draught aids Wine of Cardui by regulating the stomach and bowels. When you ask your druggist for these medicines, be sure you get them. It was Wine of Cardui and Thedford's Black-Draught that saved Mrs. Davis' life. Ne For advice and literature, address, giving symptoms, "The Ladies' Advisory Department," The Chattanooga Medicine Company, Chattanooga, Tenn.

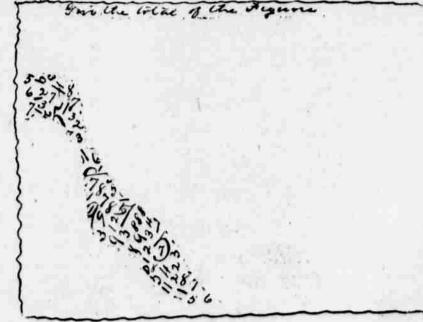
# Another Bee "Dot" Contest

# Starts May 8th

\$1,500.00 in Prizes and a Bull Pup.

This Will Keep 'Em Guessing

Can You Add Correctly



Prizes for the Nearest Correct Sum of All the Figures.

The above is a suggestion of what it is like.

reference effekter er effektereter effekter

We guarantee that every one sending us the correct sum of the figures will get a prize.

Wait for the Figures May 8th