

Full-Fashioned Hosiery Plant Widely known manufacturer offers business for sale. B 701, Ledger Office

OUTSIDERS COMING INTO CURB MARKET List Shows Strength and Further Evidence of Accumulation—Daniels Motor Strong

New York, May 13.—There was a further display of strength and activity on the Curb today, trading indicating a substantial increase in outside demand. At the same time, there was evidence of accumulation of many stocks by interests already heavy holders.

Trading in the new Interborough issues, to be issued under reorganization, demanded special attention. The 6 per cent bonds, which opened yesterday at 71, made a further advance to 75 and the Interborough stock sold at 97 1/2. This issue is to be limited to 7 per cent dividends under the readjustment plan. The voting trust certificates, representing the stock in its present shape, were traded in at 20 1/2 to 31.

Daniels Motor was one of the strongest of the industrials, advancing to the new high record of 12 1/2. The buying was partly based on the official statement showing cash on hand of \$380,000 on January 31 and total current assets of \$1,177,001, against liabilities of only \$220,000.

Table with columns for various stocks and their prices, including Standard Oils, Independent Oils, and Industrials.

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if latest news is what you want on New York Curb Exchange stocks now showing great activity use the telephone.

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FINANCIAL LUREN'S COMPANY Free Mortgage and Debt Trust Dated June 1, 1922

BANKERS TRUST COMPANY as Trustee under the Mortgage dated July 1, 1922

PITTSBURGH ROLLS CORPORATION Six Per Cent First Mortgage Convertible Sinking Fund Gold Bonds

THE SPANISH-AMERICAN IRON COMPANY MORTGAGE 6 PER CENT BONDS

PENNSYLVANIA COMPANY GUARANTEED 3 1/2 PER CENT TRUST CERTIFICATES

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The Investment the Public is Buying 6% Safety—Equal to Guaranteed Yield Government Bonds GENERAL MORTGAGE FINANCING CORPORATION Ridge & Girard Aves.

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Above, on the left, is the familiar "fixed" condenser. Below it is the more familiar "variable" condenser. To the right is a supposititious water tank by which the accompanying article explains what the two kinds of condenser are and how they work

What Is a "Condenser"? Your bathtub is a condenser. The kitchen sink is a condenser. The Shower-bath and the great dams on the River Nile are condensers.

Anything is a condenser that is used to store something up in until we need it. Your bathtub stores up water. In radio, a condenser stores up energy.

But there's one very important difference to be borne in mind. While the condenser does store up this energy, it will not hold it indefinitely. It stores and recharges and stores and discharges with almost inconceivable rapidity, working up as fast as some three million times a second.

If we could speak of this energy in terms of pints and quarts and gallons, it would sound a lot simpler, but if you can get into the habit of thinking that these electrical names are simply words to express much the same idea, they will not confuse you so much.

Suppose we have a supply tank at the top of the house. The man who installs your plumbing system will figure out how much water you will need and install, let's say, a 500-gallon tank.

So we, in building radio instruments, have mathematical formulas which tell us just how big a condenser we need in each place in the circuit and we know how to build a condenser that will give us just 500 gallons of the energy we want and will overflow as soon as that limit is reached.

And another very important thing to remember is that a condenser in radio doesn't simply let the excess energy flow out. As soon as the limit is reached, the whole thing snaps at once, sending quite a powerful electrical current rushing through the wires.

If you can imagine your house tank rigged up in such a way that, when the first drop of water flowed through the drain pipe, it loosened a trigger which set the whole bottom of the tank drop out, you would have a better illustration of an electrical condenser.

Now, suppose you had some sort of system which operated by the force of this sudden discharge of water. The supply pipe would keep on running and every time the supply reached the bottom of the tank would drop, the gallons of water would exhaust and the bottom close up again ready to fill once more. This would operate only on a 500 gallon supply. There would be no variation in it.

Then it would be what we call a "fixed condenser." Your grid condenser is fixed. Your grid condenser is fixed in an audion bulb. Sometimes with certain hook-ups you have fixed condensers in other parts of the circuits. They operate when the energy stored in them reaches a certain predetermined amount.

But we also have "variable condensers," which are of great importance in "tuning" to get a signal sharp and clear and loud. Let us see what they are.

Go back to the illustration of the tank. Suppose we had various kinds of machinery to operate on various amounts of water. Then we would put in a number of drain pipes, each operated by a spigot so that we could open any one we wanted to. We might want them in "steps" of 100 gallons each.

If we opened the top one, it would operate the trigger when the supply reached the original 500 gallons. If we opened the next lower one, the bottom would drop out of the tank when we had 400 gallons in it. The next would give us a 300-gallon operation and the next a 200 and so on.

That, then, is a continuously variable condenser such as you all want. And he wise amateur will be experimenting with his own set will make a special sacrifice and buy two of them, for they are mighty handy things to have and save a lot of oil "tapping" when he wants to try a new hook-up that someone tells him about.

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Today's Programs Philadelphia Station (WIP) (Gimbel Brothers) 1:30—Selections by the Gimbel Orchestra, piano, Raymond Stein; violin, Jacob Urbancic; George D'Annunzio; saxophone, Vincent Cignini.

Philadelphia Station (WIP) (Strawbridge & Clothier) 3:30 to 4:30 P. M.—Recital by the Strawbridge Quartet, featuring: John Owen, Edward Lewis, Harold Simonds and John Vandenberg—assisted by Anna Desazo, soprano, and Helen Fuchs, pianist.

Man in the Moon (WJZ) 7 P. M.—"Man in the Moon" stories (6:30—Madame Petrova, famous actress).

MAN BLOWN TO CELL Meets Death Sitting on Alcohol Which Explodes Norfolk, Va., May 10.—(By A. S. ...)

MARRIED FELIX KING—Mr. and Mrs. L. Stanley King of ...

IN MEMORIAM HOPE—In memory of HOPE, a loving and devoted sister, May 10, 1915.

Deaths ALBERT—On May 14, 1922, GUSTAVUS ALBERT ...

POPE TO SEE BASEBALL Plus Will Be First Pontiff to See Game New York, May 16.—A Pope for the first time is to witness a baseball game.

Admits Robbing Store Horace Johnson, a Negro boy, Lombard street near Eighth, was arrested today on a charge of robbing the store of Benjamin Shapiro, 503 South Ninth street.

BINDING POSTS SWITCH LEVERS, ETC. WHOLESALE ONLY PREMIER RADIO MFG. CO.

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