

GIANT BUILDINGS WILL PIERCE SKY IN FUTURE AGES

Giant skyscrapers standing 100 stories high and as much as ten stories underground, with double-deck elevators capable of traveling 2,000 feet a minute and other fantastic building developments are seriously predicted by several of America's most outstanding building experts who are now managing properties valued at millions.

Ultra-violet rays and air conditioning, handled by super-ventilating systems, which will supplant windows and other methods of so-called natural ventilations, will be used to provide healthful and comfortable conditions in these edifices each of which will shelter more people than populate many small cities.

Clarence T. Coley, manager of the Equitable building of New York, recently told a national convention of building owners and managers, that these future skyscrapers will plumb unprecedented depths, covering multiple blocks, with the streets running underneath through arched tunnels. He said such buildings will be served by double-decked sidewalks and sub-surface passages.

The development of the area below the streets is the only way in which the building owner may recover the space lost through having to set back the superstructure, Mr. Coley said. The height will be limited by the efficiency limit of the elevators and the ground area by the distance people will have to walk to bring them from the doors. The elevators will have separate entrance and exit doors, so that loading and unloading may be done speedily, and the cars themselves will travel at the rate of 2,000 feet a minute, making stops five or ten floors apart.

Most of these buildings will provide landing fields on their roofs for airplanes and dirigibles, according to Charles F. Palmer, prominent Atlanta building expert and vice-president of a national association of building owners.

"A dirigible recently discharged passengers on the top of a Washington office building," Mr. Palmer told a group of executives representing \$30,000,000 in office buildings. "How soon we will have to furnish landing fields in addition to garage facilities is only a matter of conjecture. You may say to yourself that the office building without windows, artificially lighted and cooled and ventilated, noise-proof and with a landing field for airplanes is a dream, but I sincerely believe that most of us will live to see many of these improvements."

Ventilating experts declare that scientific air conditioning has progressed to such a point that efficient control of air conditions in these super-skyscrapers can be applied without difficulty. For example, a report, recently forwarded to the American Society of Heating and Ventilating Engineers in which the unusual experiment of air conditioning a 49-story office building, the Union Trust of Detroit, was described.

In this building, electrical for boxes are hooked up with steam heat, air washers, air filters and plant ventilating fans to manufacture perfect weather in all seasons. All a tenant of the new building has to do on a sweltering hot summer's day is to open a register in his office and refrigerated, clean air, cooled to a temperature of 79 degrees or less, will pour forth to soothe his feverish brow. Every room in the new building, which was recently opened, has its individual air control so that tenants may be comfortable and free from the city's dust and other sources of air pollution.

"The air conditioning and ventilating apparatus alone in the new building cost more than \$250,000. Twenty-four fans blow 440,000 cubic feet or 33,000 pounds of air per minute to ventilate the building. This is equal to 990 tons of air per hour. The refrigerating machines, used for cooling the air have a refrigerating capacity equivalent to the making of 700 tons of ice per day. Conditioned air is driven into the bank vaults to keep these spaces cool and well ventilated at all times. Officials have found that this type of air conditioning has increased the efficiency of employees more than 50 per cent. At the same time, it has attracted new customers, the bank officers say."

DOUGLAS BUILDING AND LOAN TO HAVE NEW OFFICE SPACE

When the Commercial Abstract company completes its moving into new quarters in the Medical Arts building, the Douglas Building and Loan association office will also be found there, according to Wayne E. Omes, manager. The loan company has had its offices in the front part of the old quarters of the abstract firm for some time past.

Most of the equipment of all physicians and dentists who will occupy the new building has been moved. Dr. Lee A. Wells reports that he will continue in his office in the Perkins building.

WOULD BAR TRUCKS DAY AND HALF EACH WEEK

(Associated Press Leased Wire)
CHICAGO, Aug. 1.—Slow moving milk trucks, moving vans and other low speed vehicles would be barred from Cook county Chicago highways on Saturday afternoons and Sundays, in an effort to relieve Chicago's weekend traffic jams, under the terms of a resolution approved by the county board.

OREGON SWAMP LAND SALE IS CONSIDERED

(Associated Press Leased Wire)
SALEM, Ore., Aug. 1.—State officials will leave Friday for Lake county where they will inspect a 24,000-acre tract of swamp land which the state land board proposes to lease for an eastern Oregon cattle man for grazing purposes. The land is near Lakeview. The lease price has not been fixed, but may be set at 10 cents an acre annually. Sunday the state officials will attend the annual field day in farm demonstration at the Burns experiment station of Oregon State college. Governor Patterson, Secretary of State Hess, Budget Director Kozler, and James Stewart, investigator for the land board, will make the trip.

CATHOLIC WRITER DIES

(Associated Press Leased Wire)
WEST PALM BEACH, Fla., Aug. 1.—Miss Charlotte O'Loan, author and for 25 years editor of the Angelus, Catholic publication of Detroit, died at a hospital last night after a brief illness.

Miss O'Loan wrote several books under the nom de plume of Joseph P. Wynne.

MEXICAN BANDITS SLAIN

(Associated Press Leased Wire)
MEXICO CITY, Aug. 1.—Dispatch to the Excelsior from Guadalajara today said that seven bandits headed by a man called "El Tizon" had been captured and executed by a firing squad near Quila. The band had been active along the Guadalajara-Quila road during the last few months.

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- Paige Touring.....\$25.00
- Buick Roadster.....\$65.00

TERMS WILL BE GIVEN
C. A. Lockwood Motor Co.

Parents of Victim and Wife of Accused

Mrs. Melvin Hix, left, is the mother of Theora Hix, Ohio State co-ed, who was murdered by Professor James H. Snook, according to his own confession. In the center is Mrs. James H. Snook, wife of the deceased professor now being tried for the murder at Columbus, Ohio, courthouse. Melvin Hix, right, the mourning father of the slain girl.



CHICAGO POLICE FIND SOURCE OF BOMB INDUSTRY

(Continued from page 1)

age. In the first half of the last year it was more than \$1,000,000. This year the number of bombings up to date has been sixty-five. Last year at the same date it was only thirty-six. That shows how the industry has been growing.

Lieut. Barker said there was evidence that the gang had been branching out and supplying both bombs and "layers" to clients in other large cities.

Bomb Jara Pittsburgh
PITTSBURGH, Pa., Aug. 1.—More than a score of buildings in the "strip" district were damaged early today by an explosion, police and fire officials believe was caused by a bomb.

A three-story hardware establishment was destroyed, and front of buildings for more than a block were shattered.

Scores of persons were thrown from their beds, but no seriously injured were reported.

TRESPASS NOTICE

All persons warned against trespassing on premises of Elks Island in the Umpqua river below Oak street bridge. A guard is being maintained day and night. Violators will be prosecuted.

Some men enjoy perfect contentment because they let their creditors do the worrying for them.

GARD OF THANKS

We wish to express our sincere thanks and appreciation to our many friends for their kind expressions of sympathy and for the beautiful floral offerings during our recent bereavement in losing our dear mother.

Percy Pierson,
Cecil Pierson,
Harry Pierson,
Harlan Pierson.

Baseball—Roseburg vs. Canyonville Sunday, Aug. 4 at Canyonville.

Eat barbecue sandwiches and live forever. Brand's Road Stand.

Buick Six Coupe \$650

Less than half original cost. Perfect condition. Looks like new and has all the usual Buick smoothness and economical service.

SEE RODLEY AT
Nash Service Station

Tuesday, September 3

is the date for the opening of the regular Fall Term at the Eugene Business College. It's a good school. Enrollment dates for September are 3-16-30. Ask about it. The reasonable rates, up-to-date equipment, and thorough training make this school outstanding and as good as the best.

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Here are fleecy soft yet durable rayon shirts, specials at **89c**

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Ninety-nine double-deck wire coils—the best—cross-tied to make a smooth resilient sleeping surface—For all beds.

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Ward-o-leum Rugs smartly cover all floors from kitchen to living room. Bright new patterns on stainproof, water-proof double enamel surface. Easily, quickly cleaned.

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