Bellefonte, Pa., June 5, 1931.

SUMMER COOLED HOMES NOW ENTIRELY PRACTICAL.

Summer heat is from two and a half to five times as deadly to humans as winter cold. Yet, although 7 cents of every home buildhas made them entirely practical.

exposure to cold in one year. In the preceding summer and winter 1,355 were killed by heat and 239 by cold. The statistics do not account for the vast number of non-fatal heat pros-

But though the cooling of theaters, auditoriums, schools, hospitals, banks, factories, offices and other structures has become common practice, air-conditioning the home for comfort, health and efficiency is neglected except for heating during This would not be cold weather. the case, the Holland Institute of Thermology suggests, if the average home owner would just "take a tip" from a common experience.

This experience occurs on hot "muggy" evenings when not a breath of wind is astir and there seems nothing to do but perspire and suffer. In desperation, we get into the family car, start off at about 25 miles an hour, and the air flows past with a grateful coolness. Presently, the speedometer slides up to 40 We stop perspiring, forget the heat, become comfortable. After an hour or two we return home, refreshed and relaxed, ready for a

Think what this means. The air we rode through is of the same temperature as that of the air we found so insufferable before we started out—or virtually so. The relative humidity is the same, too, But riding through still air at 40 miles an hour is equivalent to sitting in moving air with a velocity of 3,520 feet a minute. This suggests that mere motion of the air may be used for cooling purposes. And that is exactly what science has discovered within recent years.

"Air motion makes any moderate states the condition feel cooler," technical guide book of the national society of air-conditioning engineers. And 12 years of research at the Pittsburgh laboratory of that organization and the United States Bureau of Mines has made it possible to calculate exactly what cooling effect any velocity of air motion will have in any condition of tem-

perature and humidity. The facts are made use of in all sorts of industrial air-conditioning and grotesque designs on the wallproblems. As a matter of fact. engineers know four ways to cool the air in buildings. The first is to take heat directly out of air by passing it through cold water or cold brine sprays, or over cold coils, or The second is to reduce the humidity of the air by cooling it below the dewpoint, as in a dehumidi-The third method is fying plant. still more complicated. But the last is simplicity itself. It consists But the merely in keeping the air moving at

a given velocity. When it comes to cooling a steel mill or the stokehold of an oceanic liner or a metal mine, only a competent engineer can decide which of these four possible methods is best in each case. But for most of us, in our homes, the choice is narrowed down to the fact that all the first three require expensive machinery. So we have to rely on air motion.

So it is entirely logical, according to the Holland Institute of Thermology, for the warm air heating industry to apply this principle to introduce the comfort of coolness during hot weather. As a matter of as resistant to soil—as a night have converted the heating plant, which is useful only for a part of the year, into a real air-conditioning plant that improves the year round conditions in every room of

After all, why not? If the heating system's job is to circulate warm air throughout the house in winter, why shouldn't it circulate cool air in summer? This has been brought about by the introduction into the vaporaire heating plant of a propeller run by a small noiseless electric power unit.

Of course, its first effect is to move the air through the house at much higher velocity than the unaided force of gravity will move it. Whereas the ordinary warm air heating system, operating under winter conditions, changes the air in each room from one-and-a-half to two times an hour, the propeller system, operating in summer, turns over the air from four to six times an hour. And this steady and mod-erately rapid motion of the air reerately rapid motion of the air results in appreciable cooling during hope—to decreasing tariffs.

the summer. stitute of Thermology to show that this occurs on all floors of the home.

OFFER PRIZE FOR OLD PIECE OF FUR Even a considerable distance from

the grille, the cooling-effect of the air motion is distinctly noticeable. On this point, the language of the official test report is graphic:

"Propeller circulation produces a well defined cooling effect which is readily recognized by bodily sensa-tions. This circulation results in cooling and increased comfort to the occupants of the house.

"The velocity of discharge from floor grilles as shown by the test in 1933. was sufficient to carry a good share of the cooled air all the way to the ceiling, against which it splashed. In the case of several grilles, the spread at the ceiling was noticeable for some feet. The air from wall and baseboard grilles was carried

well across the room before the velocity was dissipated."

Here, then, is a practical applicamethod for the average home. When we are entertaining friends on a sweltering summer evening, all

quickly, without tossing and sweat- these early investigators. Indeed, ment, the Holland Institute of of the steady cooling currents that Thermology of Holland, Mich. play over our beds. Grandmother children under the direction of Hall points out that home cooling plants and grandfather may sit in the air and other psychologists, points out that home cooling plants and grandfather may sit in the air and other psychologists.

In spite of these beginnings and education; play and toys; discinct are rare, although modern science stream and so pass through the consistent effort of such organipline and obedience. "hot speil" without those distressing According to the latest figures of attacks of heatstroke that make zations as the Child Study Associa-According to the latest figures of attacks of heatstroke that make the Line and the P.-T. Association, it in response to demands of parents, the United States Public Health midsummer a dread period for old has only been in the last five on six folks. And baby's cradle may be has only been in the last five or six for these seem to be the kinds of Service, 646 persons died from heat- lolks. And baby's cradic may be stroke and only 246 as a result of placed where the wind blows over been made in thinking through the it moderately, so that the little one, been made in thinking through the too, is free from summer illnesses philosophy underlying the education and the University of Minnesota due to heat.

And in contrast with elaborate must be approached. evaporating and dehumidifying mafirst point, the engineering tests grams for parent education are be-showed that the total cost of cooling promoted by a large number of However, the little

than a cent an hour. happens to the propeller system Teachers and the American during winter. Well, one of the ation of University Women. outstanding effects of the increased air velocity is that the house can be warmed up on cold winter mornings much more rapidly than with an ordinary heating plant.

Also, air circulation throughout the dwelling is improved. Instead of one-and-a-half or two air changes an hour, there are from four to six when the propeller moves air through the system. This produces more uniform and consequently more healthy temperatures in the

rooms. Higher heating efficiency and considerable fuel economy result, for three reasons: First no forcing of the heater is necessary during ex-tremely cold weather. This practice is costly of fuel and burns out parts which are expensive to re-Second, the temperature of place. the whole system is lowered, the air leaving the grilles at an average of 160 to 170 degrees in an ordinary warm air system, but only 140 to 150 in the propeller system. Third, heat loss from the heater and heat pipes into the basement is decreased by about half. And finally, the propeller forces warm air to every room in the house, even those most remote from the central heating plant: it means an end to "that room that could never be kept warm.

NEW WALL PAPER THAT

CANNOT BE MARRED. While waiting for the operator to connect you with the wrong number, do you indulge squares, scrolls paper adjacent to your telephone?
When that tough customer is ready feverishly shake splatters of ink from your trusty fountain pen with eagerness dulling your sense of di-rection? Have you ever inadvertantly spilled a bottle-Ahem!-of shaving lotion or a glass-Ahem!of mouth wash on the wallpaper with the result that a pretty flowered pattern suddenly changes to a Siberian sunset?

If you have in the past—here's years, news that will bring relief to your aching conscience. Science has harkened to the conscience of the c harkened to the cry of distress of distraught hotel keepers who have been footing the greater part of America's \$30,000.000.00 wallpaper bill. E. I. duPont de Nemours & Company, after years of research, have perfected for the United Wallpaper Factories, Inc., a wallpaper that resists every source of spot or stain that even the most ingenuous of careless guests can devise. Sevfact, the leaders of this industry clerk to an uncertified cheque. This enduring new wallpaper has been

> If your travels should take you to New York's finest and latest notelthe new Waldorf-Ascoria-or to any other modern hostelry papered with Endural, you can with reckless abandon—and without extra charge —utilize the walls of your notel bedroom for jotting addresses and other displays of artistic ability. You can even throw your breakfast at it if the impulse moves you. For no sooner have you forsaken your room—than along comes a chambermaid who quickly washes away all traces of your artistry or temper with nothing more than soap and water. The next occupant is greeted by walls unmarred, undimmed-as fresh and as bright as if they were papered that morn-

> ing.
> Hotel owners estimate that this new wallpaper will lower redecorating costs by millions of dollars annually-a saving service, increasing-

Have you a mohair covered chair or sofa in your home? If so, you may be \$250 richer for it. An announcement was received here today from the Household Science Institute of Chicago, asking for aid in locating the oldest piece of mohair furniture in the United States. Not only will the owner be awarded \$250, but the piece will be exhibited in Chicago during the World's Fair

Residents of this town who feel that they have such a piece of fur-niture should communicate with Mrs. Grace Viall Gray, Household Science Institute, Chicago.

Subscribe for the Watchman

PARENTS HELD TO BLAME

education The movement for the tion of air motion as a cooling of parents in the United States is is through literature. During the the German psychologists, mothers

Today the education of parents lems. Logically, we want to know what National Congress of Parents and Teachers and the American Associ-

In local communities one finds social agencies, religious groups, sponsoring and promoting educational work for parents. In Philadelphia such agencies have joined together under one co-ordinating par-

In universities and colleges men and women are learning to study parents' need, to lead parents in discussion groups, to recognize scientific information, so that it may be used by parents. Several of these universities now are offering diplomas in parent education for advanced work, and a few doctorate dissertations have been published in the field.

But why educate parents? Primarily because the parents want to be educated. At least the mothers There are today many more do. mothers who wish help in the problems they face as mothers than there are people trained to consult with them on these problems.

This demand of parents for help in their "job" is probably due in large part to the changing social conditions of the last two decades. When generation after generation of children is born in a rather simple environment very similar to the environment of the preceding generation there are relatively few difficult problems for parents to

face. The methods used by grandmother in rearing her children can be used pretty effectively by granddaughters in rearing theirs. The life and customs of the preceding generation have changed so little that parents may feel adjusted and secure in their understanding of the

life of their children. But When changes take place which greatly affect the lives and living conditions of the people, then parents may well be concerned about what to do with their children. They no longer can understand easily the lives which their children are leading. Such have been the social conditions of the last 20

with lace and insertion. Her long hair was piled high and arranged in small "puffs." She perhaps had friends with automobiles, but a ride

was a real event. She went to a motion picture for 5 cents in a hall that seated 200, the largest in town. She had never heard of a radio or television. She had never seen a woman smoke. Only sophisticated men of middle age carried flasks. She was not She regarded as a potential voter. had never seen an airplane. had not gone through a World war,

It was a different world. That girl of 20 years ago is a woman now. She has married and has children 7, 10 and 16 years of age. What a different world they live in! The World war, automobiles, airplanes, radios, prohibition, woman suffrage, congested cities, subways, jazz, talkies, rouge and lip stick, short skirts, women smoking, are only a few of the things that have helped to change our lives these last two decades.

Parents might find it helpful to problems which they may encounter in their "job" of being parents. der which they lived when children number in family, income of family, another agency for parent educa-recreation, school, church, excur-sions, toys, size of home, location of exert its influence on the house and -size of ctiy, nearest neighbors,

then in a second column let parents can be accomplished only if parents check every factor which is identical or nearly so in the life of their tives and similar techniques. children and add any additional items in the modern social environment, but not present in the older. lems which parents are facing.

ment of the parent education move-ment is that there has been accumu-home regime, to confer regularly lated during the last decade some information which might be of join a study group. much help to parents. Investigabrought together some knowledge parents, even though they have not reached the stage of scientific evalu-

educate themselves for their are mainfold today. One of the easy ways of access to information

we need to do is to turn on a wanted to learn more about their that which is written primarily for many inquiries that have been reswitch in the kitchen and set a children. Most of these women had parents and that which is written ceived from persons who are troua background of education which for teachers or specialists, but which bled by the little pests. The mix-When bedtime comes. we can be sure of getting to sleep easily and with some profit the conclusions of these early investigators. Indeed written on some aspects, such as pound, and arsenate of soda 125 quickly, without tossing and sweat some were ambitious enough to at- proper foods for children; how to grains. These materials, he ad-

This literature has been developed of parents and the problems which both have published books which deal with these and similar prob-Leaflets and pamphlets may chinery, this summer-cooling-winter- has a significant place in several be had from the United States Chilheating plant is inexpensive, both large universities, notably Columbia, dren's Bureau and in American Assoin operating cost and in original Minnesota, Iowa, California, and ciation of University Women, Washcost of the equipment. On the Toronto and McGill in Canada. Pro- ington, and the Child Study Asso-

However, the literature which ing a large two-story dwelling by agencies, both national and local. deals with family relationships, with this method amounts to slightly less Among the national organizations the interactions between mother and is carried back to the nest by the are the Child Study Association, the father, mother and children, father and children, children and children, is not so prolific. Such relationships are extremely subtle and dif- eradicated. ficult to analyze.

health agencies, colleges, public few authors have attempted to not take poison described above. In schools, juevnile courts and clinics write about these problems. Lillian that case, he recommends a mixwrite about these problems. Lillian that case, he recommends a mix-Gilbreth has discussed it from one ture of water one pint, sugar one point of veiw in "Living With Our pound, honey three ounces, and Thal-Children" and Ernest Groves made a real contribution in his mixture to a boil while stirring vigseveral books.

It is difficult for parents to choose among all that is being written that which is best and most trustworthy. Parents are in danger of exploitation if they do not use their CRIMELESS 25 YEARS, TOWN best judgment. Several agencies, BURNS JAIL: NOW FOR JI such as the universities and national organizations before mentioned, publish lists of approved books for parents, which may help in guiding

Probably the most popular methof parents is the study group. For years. the most part these groups have been composed of mothers, though about ruling a crimeless town. Then groups of fathers and sometimes finally a bunch of tramps had to groups of fathers and mothers to- spoil everything by getting drunk gether have been organized. They meet at frequent intervals to dis-

ist. but more often a parent whose stopped there purposely to get drunk experience and training in other and be arrested so as to spoil the groups has equipped her to take town's reputation, but about buildleadership. Upon the efficiency of ing a new jail, well, he is thinking the leader and the active participa- it over. tion of the members in study and discussion depends the success of the

group school children and clinics in con- at 41 East Forty second street. culty lies in the home.

Parents may be too indulgent or too harsh, oversolicitous or neglectful, tyrannical or vacillating in their demands. They may know a their demands. They may know a great deal about diet, but very little about how to make children like the right foods. They may stir up jealousies in the family. They may not be in harmony with each other with a consequent atmosphere. of emotional strain in the house. They may be puritanical and ashamed and sex information.

These are only a few of the ways in which parents may be respons-ible, all unknowingly, for the mis-behavior of their children. The clinic must deal not only with the mishaving child, but also with the misbehaving mother and father, brother and sister and sometimes with the grandparents. It is the problem of family relationship with which they are faced rather than an individual child problem.

Closely related to the work of the clinic is the consultation center for parents, which is just beginning to be developed. The consultation center is for the purpose of giving an individual help to parents on their problems. It is not for the parent with a child who is an extreme behavior problem and who should be taken to a clinic. The parent consultant attempts only to discuss with the normal everyday man or woman

The nursery school as it has developed in the United States is home, play space, room. servants, the parents of the children under household responsibilities, Etc. After this broad inventory of be a consistent regime and policy social and family conditions is made, in the total life of a little child. This

The regime of the nursery school, physical and mental examinations, group activities, meal hours, sleep-PIECE OF FURNITURE ing place for discussing the probing parents. Mothers are required A second reason for the develop- to keep home records, to observe in home regime, to confer regularly with the staff and in some cases to

Those who are especially interesttions in nutrition, physical growth. ed in the parent education movelearning, behavior problems and the ment will find a comprehensive sureducation of young children have vey in a recent book, "Pre-School and Parental Education," published that is valuable and scientific, Fur-by the National Education Society thermore, the experiences of educa-for the Study of Education. It contors, psychologists, physicians, psychiatrists, nutritionists, in their work with children may be helpful to survey of programs being developed, methods used and the

eached the stage of scientific evalu-tion.

The opportunities for parents to Education, which is composed of the

EASILY BE POISONED Instructions for making a simple not new. In the 1880's and '90's, last five years a great deal of mawhen child study had its great impetus under G. Stanley Hall and
pamphlets, magazines, and articles.

Instructions for making a simple
Exchange.

Exchange.

Exchange.

Exchange. This literature is of two kinds- sity of Maryland, in response to get children to eat certain foods; vises, should be boiled together un-Grandmother children under the direction of Hall sleep; anger and temper tantrums; til the arsenate of soda has dis-sit in the air and other psychologists. added to the mixture, it is stated, will increase its attractiveness to

> the ants. The poison syrup, according to Mr. Sanders, should be placed in shallow containers easily accessible to ants. Pill boxes water-proofed inside with hot paraffin are suggested as ideal containers.

Emphasis is placed on the fact Emphasis is placed on the fact that an effective poison for the kind of ants that are pests in houses must be weak. It is explained that a poison that is strong plained that a poison that is strong it is active. Pa. The property of the kill ants after eating it. enough to kill ants after eating it before they get back to their nest fails to kill the queen and she goes on reproducing. A weaker poison workers and is fed to the queen, with the result that she is poisoned and the entire colony is thereby

Mr. Sanders states that the work-Few studies have been made and er's Pharoah's ant, will frequently has lium sulphate 27 grains, bringing the

It is cautioned that these insecticides are poisonous and should be handled carefully.

BURNS JAIL; NOW FOR JINX

Mayor Ed Koser, of Coralville, a small town in Iowa, is in a dilemma. He doesn't know whether to build a new jail or not. He had the old one burned down recently because it od at present used in the education had not contained a prisoner for 25

The mayor got a lot of publicity and getting arrested.

As there was no jail the mayor cuss problems and develop princi-ples of family adjustment. had to send the vagrants to the Iowa City jail. The mayor is un-Sometimes the leader is a special- der the impression that the tramps

leading agencies developed pro-Child guidance clinics, clinics for grams in this field will furnish inbehavior problems, clinics for pre- formation on request. It is located nection with Juvenile Courts are also engaged in educating parents. Often when a child is brought to the clinic because of some behavior problem it is found that the difference is gradually coming to their aid not only in the accumulation of the clinic because of some behavior problem it is found that the difference is gradually coming to their aid not only in the accumulation of the clinic because of some behavior more knowledge about children but problem it is found that the diffi- more knowledge about children, but also in suggestions as to the best Parents may be too indulgent or use of this knowledge in a philoso-

> "So you want a divorce, Rastus?"
> "Yes, suh, jedge, yo' honah—Ah sho'ly does.' "What's the trouble?" "Count ob ma wife makin' an Fish Meal Tankage 6

'Ironical remark?" of life processes and evasive or lying to children about sex relations wid dis flation. "Yes, suh—she say if you don't



Here's June a busy season! Buy and sell by TELEPHONE

It saves

tripstime and trouble!

The modern farm home has a Telephone



FARM-16

ATTORNEYS-AT-LAW

KLINE WOODRING.—Attorney at Law, Bellefonte, Pa. Practices in all courts. Office, room 18 Crider's ange. 51-by

S KENNEDY JOHNSTON.—Attorney-at-Law, Bellefonte, Pa. Prompt at-tention given all legal business entrusted to his care. Offices—No. 5. East High street.

J M. KEICHLINE. — Attorney-at-Law and Justice of the Peace. All professional business will receive prompt attention. Offices on second floor of Temple Court.

W G. RUNKLE. — Attorney-at-Law, Consultation in English and Ger-man. Office in Crider's Exchange, man. Of Bellefonte, Pa.

SPECIALISTS

D R. R. L. CAPERS.

ellefonte Crider's Ex.

by the State Board. State College, every day except Saturday, Bellefonte, in the Garbrick building opposite the Court House, Wednesday afternoons from 2 to 8 p. m. and Saturdays 9 a. m. to 4:00 p. m. Bell Phone. 68-40

FIRE INSURANCE

At a Reduced Rate, 20% 73-36 J. M. KEICHLINE, Agent



Purina Feeds We also carry the line of Wayne Feeds

Wagner's 16% Dairy Feed Wagner's 20% Dairy Feed Wagner's 32% Dairy Feed 1.65 Wagner's Pig Meal 2.00 Wagner's Egg Mash 2.15 Wagner's Scratch Feed - - Wagner's Horse Feed - -1.80 1.70 Wagner's Winter Bran - -1.40 Wagner's Winter Middlings Wagner's Standard Mixed Chop 1.70 Starter with Cod Liver Oil - 2.40 Wagner's Medium Scratch Feed 2.00 Blatchford Calf Meal 25 lb sacks 1.35 Wayne Egg Mash - - - - Wayne Chick Starting Mash -3.10 Wayne Growing Mash 2,50 2.10 Oil Meal 34% - - - Cotton Seed Meal 43% - Gluten Feed - - -2.00 1.90 1.70 Hominy Feed 2.50 Fine Ground Alfalfa Meat Scrap 45% -3.75 Tankage 60% -Fine Stock Salt 1.30 Round Grit -1.00 Lime Grit -- 1.00 Oyster Shell extra quality Let us grind your Corn and Oats

and make up your Dairy Feed, with Cotton Seed Meal, Oil Meal, Gluten, Alfalfa, Bran, Midds and Molasses. We will make delivery on two ton All accounts must be paid in 30

If you want good bread and pastry use Our Best and Gold Coin

Interest charged over that

C. Y. Wagner & Co. Inc BELLEFONTE, PA,

Caldwell & Son Bellefonte, Pa.

Plumbing and Heating

Vapor....Steam By Hot Water Pipeless Furnaces

Full Line of Pipe and Fittings and Mill Supplies

All Sizes of Terra Cotta Pipe and Fittings

ESTIMATES Cheerfully and Promptly Furnished 00-15-tz.