An. Arthur G. Reid

Write an essay on "Apparatus used on Air"
In the earlier times, when the chief occupation was husbandry, farming, shepherding, there was little need of attention to the state of the air around them, for being the labor in the field or the nightly change of the encampment prevented them suffering from the injurious effects of impure air. The ceremonial laws of the Jews show that great care must be taken of the cleanliness of the person. Some have even upheld that it ought to be made the code of our modern cities, so superior is it to any natural code devised since those early times. To the Greeks and Romans order, the health of their subjects, was a matter of deep interest, since upon their health depended the power and glory of those mighty empires. The games, exerting matches, stimulated the people to engage in athletic exercises, by which a high degree of muscular development was attained. Their fondness of softening through perhaps, sometimes carried it
Often contributed greatly toward the maintenance of the public health. In the middle ages, the tyrants of the feudal lords drove the vassals to assemble in cities and their well-armed them for self-protection. At first, the houses may have been insufficient apart from each other, but as the population increased, every vacant space became occupied; overcrowding was often caused to an extreme, and little thought being given to the general health of the community. When commerce began to exert itself, men and nations exchanged the products of their different lands, fine towns sprang up generally started on the sea shore or river banks. Rapidly increased in after, but the care given to become efficient sanitary conditions is strongly neglected by the dread of epidemics which sometimes decimated the population. In the neighborhood of the Centre of shipping and the large city, overcrowding became worse carried to its utmost limits; the question was how to accommodate the largest number on the smallest space.
The attention was given to the ventilation of the
management of the buildings. Hence came Courts
their origin is thus described by S. S. Gendreau.
The Court, or Corpse, was sometimes new construction,
but more often they were based upon old construc
tion, which might have been very good at
the time they were made. Let us suppose that
a street of houses have been built, each
house having a little yard of ground at the
front, containing a little court, a green, a
car-jest or garden. Well, in the economising of
space, it came about that the home built over the
open space at the back, leaving, of course, a
garage communicating with the back door
of the original house; but this made what was
originally a terrace to only one house, a garage
or a closet of house, which were originally at the
free home, were often built back at back walks
to the home of adjoining Courts, so that there was
literally the ventilation but what was obtained
through the narrow passage left as a mere alley.
Is the door of free separate tenements, in many
of which there were rooms that opened upon
the court at all, but only upon the

rooms, which were also occupied by human beings. The original can-jowl, or even convasence, for making away with filth, which probably stood at the rear and of the garden, was converted into a general can-jowl, ash-jowl, & mep of insane
abominations common to the whole of these multiplied tenements; springing off, of course, in most concentrated & choicest effluvia in time which had been built
upon it. Sometimes all distinctions were levelled
and all filth was indiscriminately thrown into the
first annoyance at the time, in the midst of the confusion, a crowd of human beings, jostling each other a ten times the original number planned to live
upon this amount of ground. Here there must be any insanities
from built locality, for that was a great affront to
all the men; there was absolutely no outlet for
decomposition of refuse & filth into any covered channel or sewer.
home State from the Count, they are thus described by Dr. Duncan. The statesman says he is among the best square generally played. Curt Poynter, having only the bare earth for a floor - and sometimes lean on deep feet in height. There is frequently a branch extending from the basement only by the door, the top of which is often 100 feet higher than the level of the street. In such cellars, ventilation is out of the question. The line of comeCharl and for the defective drainage after damp, the air being generally damp. There is sometimes a cellar used as a sleeping apartment, having no direct communication with the external atmosphere and denying the scanty supply of light and air freely from the front apartment. Since these descriptions were written, pest deforms have taken place in Liverpool and homes like the almshouses greatly disappeared. Need of a broader street, to which a state of overcrowding, filth, want of ventilation, atmosphere pollution, combined often with poverty, epidemics spread with fearful rapidity, cutting off the inhabitants in thousands.
From Pechete Town the homes of the Jews are often built to the heights of five or six stories, or even higher, one common stair leads from top to bottom and up and down it, the stairs have & glass. In some instances it is kept remarkably clean, considering the fact that the stairs and the homes of pollution. But in others in a very filthy state, the steps encrusted with dirt and often reeking with filth. In ascending and descending often diverse colors sharply after some gait or from the rush of dripping down the wall to steps. Some of the Condemned, Passage, sketch in different directions, sometime intersecting each other and leaving spaces, between which the inclined and awkward wooden partition, and from doors of various sizes. In other instances there is one long narrow passage in which the different apartments communicated. The passage is too often in a filthy permanent state. Ventilation is chiefly affected by the doors, the blind & seems to have the idea of opening up the interior for windows, so that fresh enter, but, three or four
Our, all the fields collected to the Plain, Swamp. 

And Canoe, the situation, it seems into the interior.

From the circumstances given at the meeting,

Great, evidence and also breaks our jaws to the upper floor of each house. Some of the rooms are very large while in other quarters of the town, they are at a minimum. I remember one in College Jerry's where the bed occupied nearly the whole, just leaving a narrow space along one side with a somewhat large space opposite the fireplace. In the novel a named couple and about half a dozen children as well. The price of a house for such accommodation became they could not get other quarters even by paying a somewhat higher sum; that is the demand for homes for the poor and the in need of a settlement to supply it. It's astonishing how near the interior, sometimes, is kept, seemly to all the disadvantages of a long climb to carry up the valley, and down the cliffside. Other again of a cancer disposition having been accustomed to the state around them, gone a little head toward keeping them tidy.
It being about a teaspoonful for general cleaning, A consideration of these phenomena led to an apparent explanation for the deduction in hand.

While also inherently connected with it, the manner in which they react on each other is largely impossible for organic matter remaining in contact with the without destroying its ability to greatly in the event.

The mixture of a uniform proportion of oxygen and nitrogen, about 20.8% of the former and 79.19% of the latter, a variable amount of carbonic acid given by ammonia is between 3.7 and 6.2 measures, Jen 10,000 measures of air, a trace of ammonia and a varying quantity of escaping gases. There are small traces of other substances contained in addition to gases, but they have no very material effect on the human body. It's now held that the glutend and fermentation of oxygen described by Schonbein plays an important part in the decomposition of organic matter. It's found that when currents of electricity are passed through the atmosphere and recognizable by its greenish smell and when in large real amounts,
Formerly the retention of the refuse over long
periods added greatly to the unhealthiness of
such places. This is less likely to occur now
considering the more efficient drainage
regulations. The defective water supply must
almost necessarily remain, so long as the
old building the allowed to stand; it
would be very difficult and expensive to
remaneate them by water gipsy. Although each
down would cut its own water by gipsy, it
would still be a great improvement; each
garage to be supplied with some essentials of
a proper sanitary state. The great, the gipsy,
has to get water for the common waste
life, from the neighboring well, and draw
more and in some places of town, they must come
and wait, till in them they can fell from them
its first occurrence, be too short time. If the
man, judge, the crowd congregated around
some of the Fountainis. A herd, Drall, be
lateral that I deflect be the wasser supply for
Armstrong Fountain, Implic, also the absence of
water streets, I agree prime. Agree to carry
away the refuse of this point entirely and cut
11. Inviting effect on the mucous membrane of the air passages. This raised his suspicion, that a deficiency of 12-longer came to the cause of certain cataleptic effects, and on comparing those dates, with those of the Johnsonia, they observ'd that the increase and decrease of light, corresponded pretty accurately.

The great laws regulate the motions of the atmosphere -- one described by Berg-Graham, the other by Dumas. The researches of the former joined, that the different powers varied inversely, as the square root of the density of the gas. Truly, and then in the past different laws are just into a channel divided by a power, when hydrogen, the bell shall replace each other, and the green will continue, till it through atmospheric tubes. Place of fame to fame, and thus must be incapable of them.

The law explains the uniform amount of oxygen and nitrogen, green in a later from lofty mountain, or low lying places. For this, for these a law, town could not be built, for manufacturing carried on, the gases emitted from them would tend to stagnate around the places where they were generated and spread.
An end to life.

Fumes first cleared, the beautiful air between plants and animals, in the formation and contamination of the atmosphere. He showed that the CO₂ and acting upon them of burning substances and after absorption were decomposed. The carbon remained, the oxygen returned to the air. The flowers fact-dwelt the surface of the earth ambitious a double purpose, not only sending all around them fragrant and beautiful, but, also in a quiet humble manner cleansing it of its impurities, keeping up the balance of nature established by chemists. Thus forms of plants of living in the atmosphere enable them to grow, where there is no organic matter. In the soil and clothe with the rich verdure of the earth, the New born coal island, a decked the beds of its mountain beneath one of the destructive forests of lava. The coal to inhabit, the new born, is merely lard, separated by the plant, which covered the surface of the earth before the appearance of man. A difference seen in matter, where the change of its

D Halves are in matter, due to changes of the

Dominant existing is destroyed.

Ammonia and in the air in the form of Carbonate.
And inhales it as the result of the union of hydrogen and oxygen, during the process called combustion. Another portion of the ammonia and gradually the free nitric acid is produced upon the grand scale of the action of those magneto-electric gases put forth from the storm clouds and forming certain fields of air, in which in turn cause the nitrate of ammonia which analysis discloses in the thunder shower. As it is from the months of hot climate, where the convulsion do often breathe the coast of our globe 5 humble, but the principal form of plants, carbon and 5 joined out, so it is from the atmosphere on green lightning, from the coron of the tempest that the steam and scented air indispensable aliment of plants is showered down for them acting. Sarcely are the carboneic acid and nitrate of ammonia formed are the plant begins to appropriate them, and by the aid of light, a calmer, though not less energetic free from the elective, makes the carboneic acid yield up its carbon, and with its hydrogen, phite of ammonia to phosphorus. These matter combine, combination are formed, and the earth is charged with vertue. By this definite chemical process, the other compounds can be deduced to some simple compounds, and from cannot complete the processes going on in nature.
laboratory, the canons gone by the union of vapors, metals the dispersed, organized substances produced under the action of the aural forces—
The constant current—the atmospheric motion.
Assisted by the thorough admixture of its contents, while the one of the dense compact, deeper region is to supply the places of the ascending heated
air of the bored hole, becomes afforded to the action of the dense abundant foliage of the two
even in private rooms, shown & described.
Playfully there are constant currents from
the direction of there is early shown by
the flames of some volatile gas.—
In many different ways, then, their nature keeps up a circulation of matter and so long as it
is allowed to go on uninterrupted, there is constant
year. It is only when stagnation occurs that any
arises from the channel, which usually begins
again. It seems to me and wiser—may then
of grass there on; but would lie to the drama of
the community—that acts or imposes, there,
his servant of the house, in their further execution
of God's odious works! the impatient, law of the
creation are their own avengers; and the con
Whereas of air and water, heat encreaseth the minister of life, converteth them into the minister of death. (Gandhin)

Infantile mortality of the present substrata arising from the constant waste of the living combustion, imperfect combustion or of growing of a mere subtle saline, whose existence he suspects out of whose composition, he knoweth nothing. Perchloric acid is the prime producer of the first set of processes, and to a large abundance of it in the air, some have ascribed the evil effects of overworking. That same effect of the devil has an injurious influence of diseases symptom of Cynurn, headache, oppression, and to be daily found in overworked individuals, and there can be no doubt that where it is beyond the normal amount, the chemistry deals strange

Must go on done slowly, the vitality of the individual be lowered and a great pre-

Disposition to suffer from epidemical diseases. Under the second class may be included Malaise

Fainting, Organs mility in the young decomposition of art emitted from long closed organs, and the whole

Gas voided from the bodies of stone ebonizing...
Under Contagious Fever.

Overcrowding: To maintain a state of fresh health, there must be an abundant supply of fresh air, to furnish the necessary amount of oxygen required by the buildings, through decomposition of a portion of the

Government Sanitarians have recently decided that, in the case of buildings, one

thousand cubic feet of air should be allowed to each man. The minimum amount of air

conducted compatible with good health is from seven to eight hundred cubic feet and

the amount to be supplied is below from six hundred cubic feet to eight hundred.

The greatest risk, especially during the prevalence of epidemics. For there have been in some

places a manner attributed to overcrowding, namely fever and death from Consumption;

Wherever the first prevails and Spread, especially among a community, there the sanitary

Organization must be efficient. Neglecting it is in fact impossible for people to escape

epidemic where gaseous case is rather to become

plenty of fresh air. So pretty conclusive story.
Group of the pray be stated; first symptoms be
and even forced to attend before the
home of the sick when carried into them by
contagion: seldom, it devastating effects when
introduced into the home of the proper. Other things
must be taken into consideration in judging of
the effect of overcrowding, became whenever
it is present. It is frequently accompanied by
poor health, which are thoughtfully
D-Ath in the end certain circumstances
are capable of giving the baptism, the more the
class act, in the same way as overcrowding,
avariable the suitability of the body, and the
capability of existing disease, but that they are
able to produce a contagion. Even the power
is not at all gained. D-Adenium agrees not
to claim in supporting the constitution and food are
adequate. The operation of the heart is
afterwards propagated to the periphery.
Remarks are as follows. After a careful study
of the causes of fever, I feel perfectly convinced
that typhus fever, he generated the disease through
the contamination of a confined portion of air in
the pulmonary and cutaneous affection.
Of numerous individuals, both the influence of the Contaminant is most marked when the body has been oleated by want or previous disease, and consequently secession of feminine have generally been followed by great cholera. Yet firm among the grove. These areaccording for a

Climax, these will not generate the feminine chyle, we apprehend fro; & know that a Considerable

frame is necessary for the production.

Step stretching the only because in the foundation, when" be able & the grove of the changing into the other. In fact, the instances that they are all produced by a similar came differing in degree of strength in the individual disease. The same fact& the could smell them growing in a broad. Such observation are opposed to all scientific research and what he certainly know of these diseases; for when once cut character the earth; but, it manifestly follows a certain course, modified or modified in particular instances. According to the severity of it hence, strength of the individual de.

The foul and what the smell—predispended from before these, rendered them more fat.
And some kindle & spread throughout the prospect when once introduced; but it could not give origin. It has to real contagion by the Smoke and such scenes. Begin? There must have been a first case, of epilepsy at some period long ago; but an account of the different manner in which the older writers described this disease, and their confusing the different types of fever, theClassic lie distinctly recognized in their writings. That general Cellular disease of the human race, Small Pox, could not fail to arrest their attention, and not finding it described on the Hippocratic writings may be taken as owing that it did not prevail at that period. It appears to have prevailed in India and China from time immemorial and to have been first introduced into Europe by the Arabians by first reaching Arabia about the time of Mahomet and was spread by the conquerors armies of his successors. Some peculiar combination of circumstances which might be all first kindled here occasion a greater outburst hence grain origins to it. I don't mean absolutely to
Any fact it could not be denied he knew all the cases of disease can be accounted for by contagion, when examined into; there are so many ways in which people caught smallpox little suspect, as in calm, omnibus, schools, etc. Peopled know that large populations as the American Indians have exposed for centuries without any means like smallpox, but contamination from abroad and spreading, filled and most have been sometimes rape among them, their gophers, etc., due to the incapacity of being affected by it, as the wormfully known from dad harvest at that time once introduced it would be for great presumption on my part to deny the he says origin among us at the present day; I simply state that it cannot be looked stony organic matter or a nebulaic combination of elements nor act on individuals, to produce in their bodies, a form to eminent contagion as typhus, a smallpox, when he knew at the same time, that made the gene arraign from mull and are not contagious or not doubtfully so. One of our own
Our fever has been greatly cleared by
2. Stimulation by decaying organic matter, com-
municated sometime, through the air, and con-
\[\text{omitted some time, through the air, and con-}\]
\[\text{ommunicated through the water. This form, call-}\]
\[\text{ed to enter, is transferred directly to the life in many}\]
\[\text{respects from typhus, and is only of the same}\]
\[\text{life. If not, it is disease of distribution. Enteric}\]
\[\text{disease, does confine itself to the house of over crowded}\]
\[\text{localities. It is seen in the home of the rich,}\]
\[\text{in the center of great cities, in country villages,}\]
\[\text{in detached hamlets. In this, it is found where}\]
\[\text{the water is contaminated by decaying common}\]
\[\text{organic matter and is held back by church}\]
\[\text{areas of the water. The common disease of cholera; for the}\]
\[\text{fever in the well, of the nurses, and infected,}\]
\[\text{water impregnated or polluted to be impregnated}\]
\[\text{with cholera poison. It is obtained distinct in}\]
\[\text{J. W. E. B. and in the existing water. This}\]
\[\text{is true of all the buildings, in London. Enteric}\]
\[\text{fever never prevails, as a strictly anthropod}\]
\[\text{epidemic. It is closely confined to the insects where}\]
\[\text{the carrier is apparent, seldom spreading beyond}\]
\[\text{them. And never like typhus, or deloping sprea-}\]
Attacking distant communities, when exposed to the disease, who are suffering from it. Some deny the contagion, property altogether, and certainly it is capable of injuring the health through the medium of the atmosphere; if once it is very limited, a very good instance of this came under notice in the Tempest. One seaman, a young sailor, from Contra, was admitted suffering from great headache which he had been since leaving the foreign port (Contra), and which he described, to his having drums of the bone where, John to Darling, he stated, that he alone of the crew suffered from chanchew symptoms and that none of the other had visited the water of the vase. Not one on board caught the fever from him. Though during the voyage he must have been in close con-

The habit of the Westminster and Compton Jones, also those who live near them, are from
Decaying organic matter in contact with cold water, that—whereas it is found, we find the
muck of the sediment as to the drainage and
drinking water we must pool. scarcely house,
that cholera, epidemic instance ofTyphus fever
are constantly occurring and sent into hospital
are available to the degrees drainage in
the neighborhood.

Cholera. I have already said it is a known experience
since that this form of epidemic spreads by water.
Chiefly and only to a slight extent through the
atmosphere so that it does not come under the
premises described. of course in cholera epidemics while
attention is principally directed to the purification
of water, the state of the ventilation ought also
be observed, by attention to the cause the
standard of health and the people. The people more
expeditious while it went in the onset. Hence, it is not
absolutely known that to spread through the air and
many eminent men believe in the source of being
injected in that manner. of the cholera physicians
especially named it contagious. Some of them
however who bitterly opposed it, changed their
opinion on observing it in Europe.
Plague also has formed a subject of evil reports. 

The contagion of disease cannot be entirely removed. Any author believes that they believe that the whole name of the designated, may 

Improper treatment, by crowding the streets into small space, by neglect of ventilation and cleanliness, he made the commonalty the 

contagion of Egyptian and in certain countries, 

Dr. Glasse. Whether this is the true origin of the presence or absence, or whether it depends on organic bodies accompanying them, the effect of Egyptian 

Egyptian, I cannot give any opinion, but as I have had no opportunity of observing and no time to read much on the subject, 

authorities, like Celsius they deny the contagion. 

Pepys has made several in support of this opinion, as given by Dr. W. Burnett in his evidence 

before the Lords of the Admiralty, and later also mentio 

was made of the French army. After the battle of 

the Egyptians occupying the quarters deserted by the Enemy, 20 of whom were had died of 

Plague. All done suffered from contagion. 

Many other such cases, some that of Plague is
Let it highly contagious as it was, once thought to be, the evidence is in favour of its spreading by infection to the thing to be carried down. The shipper at the expense of those who thrust themselves upon during the prevalence of the epidemic is strictly sufficient to prepare the grounds of passing from the sick to the healthy. The confinement of it to the line of the Mediterranean, since the establishment of the quarantine laws, is also among the conditions of carrying it on board ships from affected to healthy ports. Yellow fever prevailing in warm climates, and sufficiently enough is limited to certain distinct parts of the world. Much has been made of the disease in different places, as to whether it was due to contagion; the gradual part of the American epidemic, which is due to the process of passing from the sick to the healthy. It lord after the latter and concerning its mode of origin he states that if it be a disease, it must be due, may be connected with animal matter, for it is agitated or at least it is effective only where men congregate. Hence its origin to sick rooms and occasionally in ships. In all fire situations he found animal effluvia.
A musical agreement, often mingled with vegetable matter in decay, 

intervenere the first depend on our understanding. The first came from unknown 
hence the second in which the name is greatly 
clearly determined; all that appear to be 

cause arguments for them generalistic reasons, and 
grafted by nature and gained keeping. 

There are some of the principal epidemics which 
are influence the empire in 1807. Perhaps as an 
originating cause, but rather as one of the chief 
American agents in their dissemination. They are 
lessons in medical opposition on a great and 
continually scale, of facts and laws which taught 
others else in observation, but which are 
equally active in our everyday life. We are led 
of great epidemics to see and know of our own 
personal knowledge the fact that the phylogeny 
of our bodies, the products of our own vital 
process, are dangerous to our brethren; and 
that the danger is in proportion to the stagnation 
of the air we breathe and the water we drink. 
We are led to reflect that these free gifts of God 
are, after all, but what our own hand made to be
In the words of the great surgeon:

"Improper air is also of great importance to the surgeon. Healthy, well ventilated wards are one of the requisites of success in all surgical operations, while the air is impure, sepsis may be apt to prevail; and hospital gangrene is apt to attach the wound, its chief connected to the latter with imperfect ventilation, that the only effective treatment, is an immediate breathing up of the hospital.

Good ventilation is one of the first requisites of the surgeon, both during labour and the great part of the case. Many a time the most experienced surgeon, after a long and arduous operation, has been in danger of losing the patient, from the want of attention, that we are to keep the room in which the patient lies, well ventilated and if possible clean, the cleanest one in the house.

Deficiency of air in the home and workshops, causes a very material effect on the production of tubercular disease which is found to prevail in some towns, in direct proportion to the absence of air. The air, to be useful, must be divided into three classes: the first containing an atmosphere of less than 500 cubic feet of air per man; the second class, between 500 and 600 cubic feet; the third class, more than 600 cubic feet."

The natural text is a medical description highlighting the importance of proper ventilation in surgical wards and the impact of deficient air on the health of patients and the efficiency of surgical operations.
formed Tar of the first class 12\% per cent had
shot-up blood and been subjected to cattabal in an
equal proportion; while in the second class 14\%
per cent had suffered from the spitting of blood and 2\%
per cent from catarrh. Though all the instances in
which blood was expelled may not have been
cases of phthisis, as the gullets connected with the
observation is avoided in the brain, by the chance
of the two mentioned being about equal in other
clanes. The Bantu of Siimpe by both doctors
is a cutaneous disease, and being formed a deck
example, as husband and wife couple dying
in succession from phthisis, one of the doctors has
called close attendance on a brother during an
illness. Though he died from 10\% of the constipation,
still it is the best thing for the patient and the
attendant, that plenty of fresh air circulate
around the bed, and if it is constipated in a very
minute degree, the then avoid all recta. In the
line of phthisis, patience in the open air is of the
first importance, hence the great benefit of
mild equable climate, from whichpermit
the sufferer to live daily, more comfortably
the whole year.
The ends of overwork and care are not limited to the
dignified State; they tend to deprive the funds
of the community. Different examples could be
adduced of respectable farms—demands to
girls going to reside with their husbands in
small, confined, miserable homes and losing
all their feelings of self-respect; becoming imperfect
matrons, rendering home disagreeable to the
husband who comes from his own uncomfortable home, hastens to the nearest beach and
becomes in course of time a regular drunkard.
Insanity can be formed of while those ends
being checked in the early years, the timely demand
to some comfortable homes, a complete destruc-
tion took place; all the old habits of tenderness,
cleanliness, returning to the home, the home became
rest and attractive once to husband and son as
—correct for—these had far more comfort and
pleasure to be formed by his own fine side from
his own home. Then, officiating
the parent, must also assure a far more delicate,
effect on the children who brought up but that
only examples of virtue and little maternal care
of the line beyond the tender years life, often
become imbecile. Adults the of grammar, the seeds of vice planted in their young minds, and developing a, rise gang, on destroy all the moral duties, ambition, all the feeling. Finally, in some cases bring them much on a lack with the brute, the lowest outcast of society are said to be lower than the huddled cannibals and savages described them as being "the long human". Other evidence in support of the evil effects on the morals of a community is given in the Basque Commission of Dr. Browne, Foster, who described the glaring state of some of the brothels, where sexually immoral girls in brothels and so forth, was intolerable. Such a depressing influence was feared on the men, that to be able to continue their laments, they deserted to stimulants, in the intervals of labor. He also alleged that only the great in the larger and overcrowded ships were in the habit of smoking throughout the day and that in smaller ships, where only two or three hundred, little fermentation, signs of spirits, were consumed between times. In fine, he states that the close ventilation
The place of heart, the house are the habitats of the men working in them. We have known many former to the men, communicating largely in their dreams and leaping towards celestial and mountainous peaks. The art of maintaining sufficient energy to enable them to finish their work under the demoralizing depressing influence. Is of little avail dismissing from such instances, whether in part because of a crevice of circumstances, it is the duty of those who have the means and power to arrange matters, that they will be best adapted for the moral and efficient state and give the opportunity of laying foot free basis for man, from which man is placed in such an fragmentable circumstance, so, they from Carlos. No one asserts that these are correct the justified conditions of a community, will render them good, other means are not at the same time just in force, bearing some directly on the moral condition state. And so long as the means are demonstrated by the inducements—like the closed, they will be apt to assemble, follow the inclinations to vice... Some time there than the workshops, was the town lodging house while at the date of hight...
Meppeper. For night, a many human beings live
command into a room, a crowded hold. The
resinum men, the being engaing, others them
is house. Perhaps lie best of rice and thence.
Before the passing of the act for the regulation of the
lodging house, it was customary to cram twenty
or some of the keeps promiscuously into a room
Capable of holding half a score and a half.
Yall bright cook, cleanliness and dentition.
But policemen often decreed, when they had to
enter them on duty. Before this enactment
does, the assistant commissioner, he built开花
in the lodging house, of the poor were beyond
description. Crowded and feeling without water
or ventilation, without the least regard to
cleanliness or ventilation decency, they were like
the beds of Amore, dinero and Chrisbe. As
home do 14, 16 or 21 girls in one room, 12 feet
square, wherein three persons would be allowed by
the regulations now in force, be the woman,
and a number of children were sandbagged together.
He added that in such places, by plun-
hes, often present, all the regents, for such
the Almirante necessary for us production and
In Andenigo 40 of the cases are of the No. 21.
The name of B. Smith has been shown on the register of the London Fever Hospital. Syphilis and cholera in one of the cases was found to cause a general unhealthiness of the house. A relative of the same family has also died in the home of the same family. The wandering disease of the inhabit-
ants as described above went out along with the two most recent cases, where it again took root and multiplied and spread. The overwhelming load finally took the form of a fever and an epidemic of 50 cases. Who say that the case of fever or other disease traceable to defective sanitary arrangements, has been brought under the notice of the authorities, is having arisen in a home where the operation of the common lodging house act. As fever cases are not at all im-
common, in both houses in the immediate vicinity of the infected house, I cannot attribute the immunity of these latter, to the careful precautions for cleanliness, the prevention of over-
crowding and the training of a pure supply and general of air, enforced. Dr. Cockrell medical officer Greenwich has only met with the old form of yellow fever being brought home where many families are allowed to inhabit one room.
By what means then, does the extent of the spread of these diseases take place? Each spread would be traced by the constant prevalence of a disease beginning at a certain point, when the epidemic came to it, or when a certain number of cases had been reported, or when a certain period of time had elapsed, or when a certain date or year had occurred. The disease would then spread from these points, either directly or by means of the constancy of certain elements, such as the climate. As long as these elements remain constant, the disease will continue to spread, even though the number of cases should be reduced to one hundred, one case per disease, or if it does not appear, the type is of much interest. The state of a climatic region that does not have these elements will show a low rate of infection. The rate of the disease in these regions, or in those having similar elements, will be clearly defined. In the commission, reports from the various regions regarding the incidence of the disease were presented. Consequently, it seemed necessary to determine whether the infant mortality was greatly increased by creating an unpleasant atmosphere. Still, the difference between one part of the town and the agricultural district is not so marked as might have been expected, and to explain the nature of the occupation of the mother, it must be noted. It is a common reason for infant mortality in
Some of the morning's activities concern nursing. About one kind of the Children Aying in one year. Want of all Maternal Care by the brother, who are engaged among the army, often at a distance from their homes and having to be one to take charge of the children, simply accounts for their tender frames succumbing under the different accompanying evils. On the Continent, the mortality has been found to have greatly diminished since the establishments of hospitals where the children are carefully tended to, while the sanitary condition and to which they come at a certain house is fine. The Climate. These, all the greater Hygienic rules as to cleanliness, good ventilation and just in time and under these circumstances, the children enjoy excellent health. The effect of improved ventilation of the Dublin Lying-in Hospital in diminishing the infant mortality is very great. R. Collins, Surgeon, four years ago 12-year-old, that one of 1760 infants came to the Dublin Lying-in Hospital, 1746 died within a fortnight after birth or two months. The cause of the death was attributed to the same May GFA. R. Collins, then Barrack Master.
According to the free estimation of time at all times, beyond the control of the master. The duty immediately fell to him after noon in the course. After further improvement by J. Coles, it became on an average of seven years to 1.7 feet cut.

Evidence of a similar kind is obtained from the death rate of the model buildings in London. Those inhabiting them are identical in social position, in their health, habits and conditions, but the time who demand them, since these pre-infant mortality was found to be nine times as high as the whole of London. Every mother knows the great benefit.

Nurse sending children to the country or sea side, where they may have a plentiful supply of sweet air and water. Damping of all colds, when all previous treatment had utterly failed.

Coming to the year of childhood when the children are sent to school, often at first, poor to mean on account of what they are expected to learn as to be taken charge of while the master is otherwise engaged. School of the class are named. Home schools and are often held in small, ill-lit, unfitted rooms in garrets or cellars, the atmosphere...
After a time they oppressed and the stand ordi-

narily that the children, by a few hours, become heavy,

long and incapable of doing any little attention

received of them. Mr. Wood, who investigated the state

of the Liverpool schools, states concerning the same

saying, that many are damp and dirty: more

than one half are used as dormitories, dwelling

and school room, accommodating in many

instances a family of eleven or fifteen persons, and

alone forty per cent. of them are cellars.

If the common day schools “the day” was designed
to convey an adequate idea; to close and

offensive is the atmosphere in many of them, as to

be intolerable to a person opening the door to

the open air, more especially by the horn for

quitting school approaches. The ammonia

scented, and some of the dame schools while

frequent the number of scholars, one more than

double. In a few hours, it is somewhat aggravated by

fetid and offensive odors arising from other

causes.” The evils arising from the poor den-
tination are but limited to schools of the lower
Clans, first in some cases, second the fortune of the
middle and upper clans. The ignorance of the Chinese,
concerning the branch of the fine arts, has been
more, the immediate effect of a current of German,
the same independence. Persons emulating himself and others.
I too often, to be attached to manners
in which they have been ruled; little attention
having been given, to alone proper ventilation and
the same among all sorts of the scholars, eating
cold, need it be wondered at? But in theformer
and clans. The aches of childhood are life, the
determination of the health from living in such an
atmosphere, while the children very easily to catch
epidemic aches which when once introduced,
are in the same way as typhus in the lodging
house, but only affecting those exposed to the same.
There, and carried home by them, spread to the
other members of the family. First in the unhealthy
borders, the seeds of interabicla disease are sown.
In the close confined school of all events, it is one
the most powerful companions for calling any latent
tendency into action, while at the same time the
powers of these climatic and evil climate are
spared, the children becoming hectic young...
ill developed. In many instances, they do play on grounds attached to the school, where the children may go and experience freedom during the intervals. They are kept in the cramped confined quarters during the whole time they are within doors, every attempt at muscular action being prevented by the master who is bound to have no easy task to keep his scholars quiet, seeing that nature’s laws are too powerful for his attempts to buck them. The master is not exempt from the evil influences around him, for he is usually a haphazard of the school who are completely demoralized, incapable of properly fulfilling their duties, their health begins to break down; they become dispirited and cease from the constant complaining of school keeping being a most unhealthy occupation, while in reality all depends on the state of the mind they create. Master in school, properly sustained and where the hours of study and recreation are properly regulated correctly arranged, often maintain excellent health during a long life.

Oblivious in the work shop and school is bed enough, but where else is present does it become a

But only affects the physique and who the moral well
ill being of the community. Different examples are given by various Commissions. Persons of married and single women indulging the same room and sometimes even the same bed and in course of time losing all sense of decency and normality. It was noted that he has a bedroom with both uppers, of forty girls, sleeping in the same room, married and single, including a number of children and adults of the age of a man, a woman, and a girl. In one instance, where a woman, a man, and a girl slept in the same bed, the latter being an adult. In other instances, where the relationship of the parties does not exist and the evil effects of the very human kind resulted. Overcrowding and destitute immorality are not limited to the town of England but is found in country villages where the superficial area is simply insufficient. The Coble, Space, lowered effective.

The effect of overcrowded homes on the health of children and women is so well known that the very houses, which they fill, first attacks have been frontal out, and they are so completely generally commence their well-authentic, inter-locuses and remedies. The defective domestic
condemned. This, which, at 0. Do Congress House itself in any marked degree. S. Vancouver has
Made up 63 yards on the London. Now Deeper English of all the flats entered these and found that by
And the range of air to serve 2400. 30 miles of
Comfort at home, 2500. 35 for 22-35 feet and 9
Spending days: 31.5 feet and 7 feet gradients;
61.3 feet from home, 4 gradients, 79.3 feet as a
7 to 40 feet from home. A 7 to 80 feet, 7.3 feet
6 to 10 feet from home. 7 to 12 feet, 7.3 feet
by another time is formed in the breez from one the
Rest of the past due, some of which are clean and
idolized, well trained, while the majority are
jetting, badly trained, and without the mean
of ventilation. Almost all communicate directly
with the outside and receive their main supply of air
through them. Their accommodation is very defective,
sometimes open and exposed within the walls of the
dwelling and frequently knocked down close with
out water. In the other case, there is no greater connectivity
at all, the marine keep outside the town
being fired at that time; and the only from
Endemic while in others, as derived from a tank which is liable to contamination from the washing of the cattle; in others, to water supply at all. The great mortality among the children was due to the prevalence of typhoid fever, smallpox, and the Rhinovirus, Antic, of infantile children.

The very severe of this, 5,000 in the Model Building, London, where the death rate is 17 per 1,000 living compared with a death rate of 25 per 1,000 for the whole of London and where only three deaths from cholera have occurred among those epidemics. Nearly 25 per cent entered the doors.

The mortality from consumption in town and county is given as 2 per 100 as being twenty times that of the greater portion of the absolute mortality from consumption in towns three times as great as from typhus in towns and that among those of death, favored by the prevalence of smallpox is greater from the escape of death, by typhus which is 55 per cent higher in the town district. A similar result from defective cubic space to make adequate ventilation is shown in the army veterans, and here he avoid all likenesses connected with particular occupations or life.
Feeling sincere for the soldiers and generally, of course, man; yet with all this, it was found that the actual rate of growth in London was so low that of the most degraded part of the community. The Commission of Inquiry attributed the high mortality to the defective council accommodation and ordered them to be extended at least on trust, thus giving rise to a minimum of 2,000 feet of air instead of 450 as formerly. Moreover, we have the absolute necessity of getting air in sufficient abundance 20 to be one of the essentials for maintaining health and that of the life of a large community. It is to be carried on in beds, by means of the air that the double-glazed walls of their homes 20 have made, and all the other transmissive, &c. to come into the property. Air will be properly divided into the open space of the atmosphere or armed for away from that utilisation, and armed in the dwellers by the means of the air to be subject to complete utilisation, something that is to damage.

The preeminent order to give in to those who are men of Africa is great grievance to many to be compelled to dwellble area at them. Among homes
which would become progressively employed to the benefit of the different classes. It may be, too, that the last weeks its tendency is this April holidays, but—Mr. Be-
land had just got oilstoned and had made an attempt to grind as many glass as they sent
him in. Another reason for my being today at 12:30 is the relief which court-allowing of the
Carymenius Dept. He's taken home and as I
woke, I came to the idea of putting the
thing to bed. I had 200 words
of another sign. I Blades世界各地 the
Secretary.
I got leave to delay forever till the first of May
And I spent the week in the office. I'll have time to return
in which the tantalizing misprints. Had no time to copy
more, hence the many blanks, broken out and fragmented
sentences, etc., to cancel them all would make it un
reliable.
If I am compelled to slave in this city
I shall be infinitely obliged to whoever sets it to
read of the tale. The manuscript will demand time
to move it into the fire.

Dr. N. Reid