The apparathes for the ventilation of raluas cars is constructed on the same principle as the "swan's neck" ventiator for buildings. We extract from the sperification of the patent the fullowing, which will give an idea of the arrangement :
"It consists esechtially of a hoilow asing suspended from the ceiling of the car, and having a series of openings around its base leading into a chamber formed within the casing, and which chamber is funished with the "swan's neck" arrangement, so that the air has to pass round the alternate ends of the wo parallel partitions in order toreach the upper portion of the chamber, from which it escapes through aterolving ventiator placed on the roof of the car."


## 

The resistance of the air in a moting car furnished with thus revoling done, free to mote like a tane, witl always keep the opening for the exit of foul air on the lee side, and cause a suction by reason of the motion of the car. The ventilation is regulated from the inside of the car by simply moving a lever connecting wath an attachment, which in its principle is quite simular to the one used in the house ventihation as uescribed above.
Like in house venulation, the methods huherto employed to ventilate rabluay coaches, slecpers, Sc., have been equally primitice and unsatisfactory. Even our "palazes on wheals." luxurianty furmshed and fitcel up with every kind of comfort, are sady lacking in that so very importint edenem, fresia and pure air. If, therefore, Mr. Cluthe's in ention sastains, what he claims for it, also in this regar.l, to remedy this evil which the travelling public has had to sufte for se lowa it thes, he may :ely on its beng duly appreciated from wade and far, and that he will be assigned an honorable phace among public bencfactors generally.

A very elcgand gottca up appaiatas for house vel.t. lation, as well as a rar venulator, heantuflly carved and finished in herry, wihh four handome lamps atsached, have been hipped by the memor to the Culonial and Indian Exhibiaon at lamion.
Mr. Cluthe will starits give ams further mformation conceming his sosem to any budy comemplatung building a hane on appitaction and receipe of a rough sketel of the phen of the inelding io be ererect. All the wher abplance. with the exception of the "sann's neth," which be ath furn ah at a maderate pruce a an be made
 the wotal one in at momum.

## A SODA MOTOR.

The Ne: Sork Sar bion the following: ". Anew
 nary locronar:itr, i, an opermion on State street, Chirago.
 any oütusuc :meli, his no cahtant stact or seam Whiste to frishern herece, and makes full ats good sime


 raad Company is ahe, hollemes a forty ton wola fountam To hand is irams shroush liosion; a smanar machine is in ancen ful we upon a ruat in furhand, and a company in Minneapohs is about to rlose a contract that "ill - wiphy all as cars w:h two-hore power suda foumain
 come imasenoty popular. As yet we hate not hat an opportenity to compare ancous whth that of the ele ctrse motor, he only other fasoble stabsatute for the putians.

 Geroge Pheteron is co., miller . .hbiston, Oar., have sold ont. The Kemen, se sigs it cose to sents a busted in Manitohn to

 phethom. Sic: a hardin sellugg it oz cents thete.
 man who will esect a tol'er matll there.
It in reforted that the T. P. Whe mull at Whatevate, Ont., has teen purchaned liy baybor. Iowint \& $\operatorname{co}$, of that phace.


Daval L. Mekenzu, a deater in graun and provisoms at Winni-
 over $\xi_{3} 0.000$.
 W:ilungham. Ont. have purehused the Titsonburg Valley Mills fromi Mr. Bipher.
Mr. II W. Hill. of Woakstock, Ont. hins hately been shipmeng harger qunaties of wheat to Enghand fom Wootstock, Stratford and other phaces.
A stock company, with a capithl of 515.000 , has been formed in Wapelli, Man. to build a tulle. Over $\$ 1,000$ of the stock hats been subscriled.
Messe- J. Sharrak \& Soms have lezsed fur a term of yenrs their nournn; mall at Notaw., Ont. Tae lesecs, Messn. Hawke \& iseachenndike hase hat the mill thoroughty overhathed and fited up with the moot upproved tarclunery.
Mansoba buthey obegmang; to athrict attention. the soil and chanase na many purt of the Northeet treng pectharly achaped to it. Malts made from th have leen exhbuted on the Toromo Exchunge, and pronounced equai to the test Ontaro poduct.


 the muncipulty to the exent of stoces.
We learn that Mr A. McFim1 mat st Boton. Ont., Whach has recemty hamd a dorough overhathms at the hands of Mr. William letch, of thas caty. is now in full operaton. and is turning out a arst-chas artacle in flour. Itic capacty is atout So tartels per chay.



Homice stomenall at Teerwater.Ona, nas harned to the groundat
 as sujucted. as the trachs of a howe anil cabler nere traced from the mall through the whitege through the frech snow falten durng the night.


 tefore soning. Une pound of bue s:one is suticient for four hathet of wheat.
 foum Wimketon. On:.. on March zoth, cansed by the upsetank of
 w.an done th the ompunt of athout. themand or shehe hundred Whats The poometw on metel in :he libizen cite of 1 endon and Westren Companter.




 conowferd mamaum frareo.






 grata molk









 changer hats conpated a reywrot showag that the ten mills locited

 Inffalo, burketeng ther four thece, wath a daly capacity of 4.725
 exghtern mult, whase total canacity is 8.575 harrels per day. figure
 50.root harrels more than one-half their acceredtet capicty for 313 working thys
As the suceers or failure of the whent crop of India tas now
a ditect trarng upon the whent situation in thus country, it wiil
intered hamallers of Cauadtion grain to hear thas the tullan Gorernment has published a a pourt, uccording to which the prospects of the coming wheat croi nere very favorable, espectally in the North-nestern I'rovinces. In the l'mimb, the early cessation of the monsoun rams somenhat dmitabled the area under whent. but the crops there and in the Central lrovinces were in excedlent conthtion, athd the repurts from the other provinces wete allso good. If is always differth to understand the reports fromso harge and

 for very giod crops, but hardly so good ns in the prevtous year. whech was all enceputionally prottic oue.
The issible supply of grain in the United States and Canada, and in tramst by water, as compled hy die secretary of the Cilicago boarth of trade, has as follows un dates named:

|  | Mch. 13.86. | A1ch. 6, '86. | Mich. 84.85. |
| :---: | :---: | :---: | :---: |
| Wheat. bus | 50,854.419 | 51,:/3.130 | 48.593 .017 |
| Corn, bus. | ... 14.512.399 | 12.910.403 | 8.190 .165 |
| Oats, bus | ... 2,099.707 | 2.033.599 | 2.967 .995 |
| Rye. bus | 642.831 | 707.434 | 36.848 |
| thirley, bus | 1,177,081 | 1,245.379 | 1,282.755 |
| Totals | . 69.335.440 | 68,159.945 | 61.40 .780 | Totals .......... 69.335.440 68,159.945 6 404.780

Decrease Whai, 48.712 bus: harley. 117.298 hus; tye, 64,600 hus. Iucrease: Corn. 2,650,996 hus : oits, 76,018 bus.
Mr. f. Meddrum, of paris, Ont. is to be the new proprietor of Cleges's Mills at Pecterborough. He is engaged at present in overseeing the atterations and improvements which are being made in the mills. A conulimentary dinner was given in Mr. Meldrum's honor prior to his departure from Patris, at which many kinil and honor prior to his departure from hatris, aithichechany a man of
 future sucees were heard on all sides. As a fluting close to the procedin!s, Mr. Henry thamm c.me tornard and read the followng address - " We, the employees of the New laris shills, having a preas respect for our esteemed forennan, Mr. ..Iedidrum, and regrettugs has departure from us. feel it our duty to present you with this gold watch as a token of our esteen. Please aceept this gife from your well-wishing friends." The adtlesss wass signed on trilalf of the emplovees by Messss. John Wiles. Harry Tatum,
 Paterson.
The Lake Catreers Association held iss anuual meeting an Buffa. regard to the Comportant action was shown to havelils of hading elevator clarges, shuppug to Anerean ports in Canadian bottoms. and propowed legstition. A mernter referred to the lizuic $A$.
 liw prain shortage ease, and subgested that the association in.
vestigate excessive gratn shorngige cascs. Caph. Ferew spoke agamst elevitur clarges. The point at issue was that the electators exacted mure muney from vessels for the nork of shovelers than the elexaturs pand them. It was thought lest to seek a testriction of rates by home agtation, and a motion was made to suspend all effors to pais a bill at Allany. It was stared that the eterator people acknowiedge the mates to te too high, and it is beheved thev will reduce then. Capt. Millen called attention to the fact that brokers ucre beating freights greatly by taking harge contracts that brokers uere bearing freights greatly ty taking harec contacts
and leting: them to vessels at lower mates. It was agreed that this and leting; them to wessels at loner mates. It was agrec
practice was increasiug mpidly and should be resisted.

1. 13. Withur and others have about completed arrangements for the erection of a harge stomge and transter elecatur at Black Kock, Buffalo, S. Y. The location proposed is to admit receipts from all roads entering the west side of the city, and making delsery to all roads leadmg canst. and to all swieches on the east sule of huffilo. Thas elintitor will enale the roads nhose zermanus is on the west sule of the city to enter the field for buffaie busumess which the hesetofore limited eleator facilities have reWrated. Hatey dealers snd shippers will be particularly bencfited hy the elenator. It will afford a more concentrated movement and systomatic deliwery of baricy from Canada, and with good mypection aud proding there nake it agreat market for that grain.
 buntleck, of whech more than oncthalf is Canach karrey. Besides thiss a large portoon of the enormous amount desuncd for othes cates would, inste.ad of hiag on the tracks at Buffalo. go inio store. In the mater of wheat from Michigan and corn from the southurst. the termmus of the roads keing at Buffalo, this elewator woukd all a long needed ssornge cigacity, and woutd thus materi:ally add the Merchants Exchange tonccomphahh the destred clange mb bunces method.
At an easly hour on the mo:ning of the 6th of Marel the great oanmeal worh, of terdinamd Schumacher, at Akron, Ohio, were destroyed by fire, together with olter saluable property. The propersy destroyet consisted of wo enormous mills, with , capazacity
 breat engine houses. the alowe having a solid strect fontage of ias feet and being so feet deep, and, for the greater jurt, seven stores hagh, ant the mints were equipped nuth the most approved and costhy manchuery. Then there wias a $\$ 50.000$ dry house and cle wito: , Mr. Whamacher's $\$ 70.000$ lanking house : thire dwelt. ang houses. the New York, lennsylanan and Ohio freight house atul telegraph ofice, wiancl ne 82.500: Weary \& Kmancr's architechural office, s1,000. Mr, Sichumaclier's loss is fully $51,000,000$, Wha an ansumace of only 5229.502 Besties the above insurnince there is +5.500 held thy Chicsizo agenc:es. There were $2+0,000$ buhbek of grain wa the elestats. Mr. Schumacher having just reesed a large amount. Aljoining the property burned was Sclumacher s ::mpure Mill, which was saved, and which is the mill from whind have grean the greas mills destrojed. Ihesides thas propreny. Mr. Schumacher sull has the Cascmel Flour Mill, walued at ミıEs.000. a statel mulland much valuable real estate. He says he will not relawikt. as he does not want to lorrow the money. whici, he would have to do. $1 \%$ s. huwerver, quite protrible that the n:ills "ill he reburk the coming summer, as a large numines of cipitalasts: :mol after the fire and appointed a commitiee to confer
with Mr. Schunacher as to forming a company with with Mr. Schunacher as 20 forming a company with $\$ 1,000,000$ capial, which plan Mr. Schumacher favors. The fire was chused by wertheating the dry house. Fise ensines from Ken..
