# The Michigan Tradesman． 

VOL． 2.

SHIIVRR
WEATHERLY \＆CO IRON PIPF，

Mantles，Grantes，Gas Fiytubes，

Galvanized Iron Cornice
Collections and Insurance，
－FIRE，LIFE \＆ACCIDENT
GREAP WATCH MARER，

J円W゙尸エ円尺， TOWER \＆CHAPLIN， Westilid Whips，

PRICE LIST
orders


## W．N．FULLER \＆CO

 Fingravers on Wood，EDMUND BI DIKEMAN， ALBERT COYE \＆SONS， Horse Corers，Oiled Clothing，Awnings and Tenils． LIVE GROCERYMEN DETROIT SOAP CO．＇S
－$G$ ． STEAM LAUNDRY ket．A Strictly Pure，First－Class A 1
Family Soap．Big and Lasting Trade Cody，Ball \＆Co． CLOVER SEED

Fine Perfumes， Colognes，Hair Oils， Flavoring Extracts， Baking Powders， Bluings，Etc．，Etc

ExGMINTX＇s
＂Red Bark Bitters＂
minoriod Illunaratuing Co．

## JaMES C．Avery \＆Co

Great Scott，Demolai No． Eldorado，Doncella Avery＇s Choice， Etc．，Etc．


Sal
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del
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ho
ho of spring．Three thousand tons were ship－
ped from this point alone，during 1883 ，and
the shipment for 1884 is estimated at 5,00
tons．From 1,500 to 2,000 acres are devoted
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| November．Each crop must be fertilized， as the soil is so porous the manural proper－ ties wash down out of reach of plant roots Celery is set six feet apart between the rows and about a finger＇s length apart in the row．Table onions or some early crop is raised between the rows and harvested before the celery is ready to hill．Hilling this cel－ ery crop leaves a trench between the rows， aloug which manure is set and another row of celery plants set，and by the time the first celery crop is marketed the latter crop is grown and needs the soil for hilling．If the season is favorable，another row of plants is set in place of the first celery crop harvested． Many growers have quite a trade in celery plants，shipping the plants for setting far and wide． <br> The first and last crops are bleached with soil hilled closely to the leaves，but the in－ | sxstematic daining． <br> Some of the Benefits to be Derived from a Ntate Organization． <br> East Sagivan，Dec．19， 1884 ． <br> Editor＂MichiganTradesman：＂ <br> Dear Sir－I am pleased with the inter－ est you are taking in regard to the organiza－ tion of a State Dairyman＇s Association，as such an organization is much needed，and should be encouraged by every dairyman， and also the trade．I noticed in a late issue that you were receiving letters favoring Grand Rapids as the place of meeting for the first convention．The selection of your city for the meeting is a good one，and should meet the approval of all parties in－ terested．In the first place it is a railroad center，and can be reached from any section of the State．Secondly，it is surrounded with one of the best dairy sections in the | The losses which occur from shopliftmg and petty stealing by those who visit the store in the guise of customers，is in some localities considerable．This class of thieves mostly depredate in stores where there is not much attention bestowed on the custom $z_{-}$ ers．When the business of selling is con－ ducted as it should be，and the incomer is promptly met at the first moment of entrance and attended to with perseverance and vigor and not left to wander about the place in an aimless manner，from one article to another， losses of this character are not so likely to occur as where the business is done in an ir－ regular manner．A little attention will soon enable a salesman to recegnize such persons as he should be suspicious of，for this cause． As their purpose in visiting the store is to steal not to buy，they do not interest them－ |
| :---: | :---: | :---: |

WASHING POWDER．
This Washing Powder pays the Retailer a
larger profit than any in the Market，and is
put up in handsome and attractive packages
with picture cards with each case．We guar－
antee it to be the best Washing Powder
made and solicit a trial order．See prices in


## BEANS

 RETAILERS，

## LAVINE




The most popular among tl
and two curved pieces of iron，moving free
1 A whisky barrel makes a good windlass．
miniature marsh railroad is handy on la
where horses cannot be safely driven， where horses cannot be safely driven，
carry tools，plants，etc．It consists of light car and as much track as is required，in sections of about one rod long each，and
movable，so that they can be laid to any part of the marsh． Open ditches for draining are common，
cutting the land into quarter acre sections， but if the tile drain is used，two rows of cel－
ery can be raised in the space taken by the open ditch．The better the marsh is drained
the handsomer the crops look in time of drouth，and the soil can be worked immedi－ ately after a rain．

Manufactured Tobacco
SHEDS

A JocrexLL DEvored To Tris
Merantile and Maulacturing literesests of the Siate.
E. A. STOWE, Editor. Terms s1 a year in advance, postage paid.
Advertieng rates made known on application
WEDNESDAY, DECEMBER 31, 1884.
$\overline{\text { Merchants and }}$ Manufacturers' Exxhange.
Orjanized at Grand Rapiads october 8 , 1884.

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Subseribers and others, when writing
to advertisers, will confer a favor on the pub
licher by mention ing that they faw the adver
tisement in the columns of this paper.
beron reserved for Messmore, rascals, Dun
lap, Newman and several others equally no torious. Grand Rapids and We
gan will be well represented.
Less than a year ago the Detroit Commer
ceal referred to Grand Rapids as a "smal
town," and the business transaction of place as "catch-penny trade." A compila-
tion of the business for the past year show tion of the business for the past year shows
that our manufacturers and jobbers have
sold over twenty-two millon dollars worth sold over twe
of goods-a

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\begin{aligned}
& \text { trade," according to the Commerc } \\
& \text { The Tradesman congratulatec }
\end{aligned}
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\begin{aligned}
& \text { The Thanesman congratulates its friend } \\
& \text { and patrons that the year now drawing to }
\end{aligned}
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\begin{aligned}
& \text { and patrons that the year now drawing to } \\
& \text { close has not been marked by more serious } \\
& \text { for }
\end{aligned}
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\begin{aligned}
& \text { financial disasters, and extends the compli } \\
& \text { ments of the season, hopeful that the com- }
\end{aligned}
$$ ing twelve monthn will witness a return to

former good times, enabling every busines man to regain any, ground he may have lost
during the period of depression. Should sach a result be accomplished, the
would indeed be a Happy New Y The brief and comprehensive review of
the various manufaturing and jobbing lines
in this city has been compiled with consider able care, and may be relied upon
stantially correct. The decrease in sales, as compared with the year before, is no
more than could be expected, under the cir cumstances, being less, proportionatey, than
the loss at any other market in the West. That, notwithstanding the business depres
ston of the past twelvemonth, our manu facturers and jobbers have been able to hold
their smnual transactions up to the enormous total of over twenty-two million dollars
speaks stronger than any wordy commenda
tion possibly can of the stability of our city and the enterprise of our busine

## from th Court th will be

will be looked for with which by that tribuna
appears that
at Meredith,
sign an agreetment fory purchaser of a lot original owners in case he sells liquor. building, paid his United States and State join him from selling was filed, but to en yudkins dismissed it on the ground that such against public policy, has no moral bearing, and is void. The petitioners thereupon ap

Grand Rapids takes front rank as one the lealing manufacturing cities of the coun which would harmonize well with those al our wealth at home and our reputation Grand Papids of thations which for in the way of cheap help, excellent cations, desirable shipping facilities, and large home consumption are the following works; a paper mill; an overall factory; a tobacco factory; a varnish factory; a mateh factory; a glove factory; an extensive soap works; a mill to utilize the great deposit works; a mill to utilize the great deposit or
mineral paint just below the city; more ag ricultural implement factories-in shor there is room for two dozen new manufac-
turing entervrises, any one of which would
 gaged in the meat business.
ington, will not gut any logs this season, and
will deliver its surplus stock, $7,000,000$ feet,
on the line of the Chicago \& West Michigan
railroad.
D. B. Jerrue, the new proprietor of the
Commerial House at East Jordan, is thor-
oughly overhauling the premises and will
make important additions to the building in
the spring.
A Cheboygan merchant wrote to a Detroit
dealer for an offer for cedar paving blocks,
and received one at $\$ 1.10$ a cord, or at the
rate of 23/4 cents a post, as it takes 40 posts
to the cord.
Luther Lance: Wilson, Luther \& Wilson
have sold to Grand Rapids parties 1,000 cords
of basswood, to be delivered immediately,
and have made a conditional contract for
4,000 cords afterwards.
All the lumber used in the Muskegon Val-
ley Funniture Co.'s factory is bought in the
log and sawed and dried as wanted. Four
large dry-kilns are used, each with 20,000
feet capacity. Most of the goods turned out
are sold in New York.
Local Furniture Facts.




ty. If times brighten up and business im-
proves, we can cut the other sixty or seven-
ty, and by employing a full force or ruining

against the five-cent counter in a toy store.
A middleaged man, streaked with gray ap-
proached him.
"Ah," said the old man, extending his
wrinkled hand, "it seems to me I have seenbought 27 cents' worth of goods here and had
3 cents change coming to you?",
" 1 am he who was that spruce young
"Ah, I did not expect you back so soon,"
and the old man hobbled out."
Musty grain, says the Milling World, to-

letting it remain until the water becomes
cold. The quantity of water must be double
that of the grain to be purified. The musty
qualities rarely penetrate through the husksimmediately under the skin. In the hot
water all the decayed or rotten grains swim
ed from all impurities without any loss. It
must be completely and thoroughly dried
afterwards.

| - ${ }^{\text {a }}$ |
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dealer and farmer wait patiently, hopefully,
for the sil

The funeral obsequies of the late Geo to the large heartedness and public spiritedness of the man. Mr. Luther had $\$ 10,000$
insurance on his life, payable to his creditors, and this sum, with the stock and book accounts, will pay every claim in full. A move-
ment is on foot to accept 80 per cent., in full payment, and present the remainder, about
$\$ 4,000$, to the widow. All the Grand Rapids eredi
ment
A stock company has been organized at Cheboygan, under the name of the Novelty
Wood Works, with a capital of $\$ 25,000$, to Wood Works, with a capital of $\$ 25,000$, to
succeed A. R.T Thayer in the manufacture of
excelsior, turned wood boxes, wooden stoppers,

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\begin{aligned}
& \text { pers, etc. } \\
& \text { A. D. Boelkens has purchased G. H. Yon } \\
& \text { ker's groeery stock at Muskegon, and wil }
\end{aligned}
$$

$$
\begin{aligned}
& \text { ker's groeery stock at Muskegon, and wil } \\
& \text { add a line of hardware. }
\end{aligned}
$$

A. E. Piekard has opened a meat market

$$
\begin{array}{|l}
\text { in connect } \\
\hline \text { Jordan. }
\end{array}
$$




The Gripsack Brigade.
John H. McIntre, with Arthur Meigs \&
Co., will make a new connection January 1 .
Geo. F. Owen attended the annual meet. Geo. F. Owen attended the annual meet-
ing of the Michigan Commercial Travelers' Association at Detroit last w
Graham Roys is in for the

## - INTD

## IA BELIE SENORA.

Grand Fanpide, Mich.

## - Drugs \& SIISedicines <br> Hiciligan State Pharmacentical Association.

##  

 Griand Rapids Pharmacentical Society.


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## From the New York sun. We now have $5,000,000$ souls more than the 0 0,000,000 we had at

 The vast multitude of people have all got tobe fed, clad and sheltered. With a steady limitation of production in many directions
we we have had an emormous increase of con-
sumers; and the first thing we know the sur-
, plus whin
be a a short stock of everything but virtue, followed by a revival of trade.

## "Say, T,

"I should warble. Got two notes last
week that cost me spoo, and am just now informed that inere ither fellow, doesnn't pay
will be mine if the other
I now costs to ship apples from Boston cents, and to Glasgow $\$ 1$.



## $\underset{\substack{\text { Ras } \\ \text { cid } \\ \text { cid }}}{ }$

 to Liverpool 62 cents pewbarrel, to London 7 s

HAZELTINE, PERKINS \& CO,

## Wholesale

hlbeant pharwacedical preparations FLLID EXTRACTS ANP BLITIRS.


Druqgists' Sundries

| t-assorted and diversified to be found in Northwest. We are heavy importers of ny articles ourselves and can offer Fine sh Tooth and Nail Brushes at attractiv ces. Our line of Holiday Goods for the proaching season wilt be more full and el stomers to delay their fall purchaser those articles until they have seen our el ant line, as shown by our accredited repre tative who is now preparing for his an al exhibition of those goods. |
| :---: |
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$\qquad$
$\qquad$We give our special and personal atten-
tion to the selection of choice goods for
the dorug trade ondy, ond trust we merit the
high praise cecorded us for so satisfactorily
supplying the wants of our customers with
Pure Goods in this department. We con-
Withers Dade \& Co's and

$\qquad$
Fanal

##  <br> Druggists

 Pamits, Oils, Varnishess, and Druggist's Glassware.

sat in: we

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Grand Rapids brush Co., Manf’rs
Hatr, Shoe and Hore Brushes.

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Annual Review of the Busin
of Grand Rapids. $\qquad$

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## Dry Goods．

 tile fibers proves to be of special value to
manufacturers，says a writer in manufacturers，says a writer in the Manu－
facturers Gazette．Silk fibers are shown
by this means to consist of by this means to consist of equally propor－
tioned，perfectly smooth and straight glass－ tioned，perfectly smooth and straight glass－
like rods，joined together at intervals length－ wise；cotton fibers consist of irregular twist－ ed tubes，and wool fibers resemble unglaz
ed poreelain rods．The greatest luster is
consequently exhibited by silk fabrics．The consequently exhibited by silk fabrics．The
difference in the behavior of silk，wool and cotton towards solutions of coloring matters
is also found to be very marked．Silk ab－ is also found to be very marked．Silk ab－
sorbs dissolved coloring matters very readi－ ly，and，containing neither base nor acida ab－ sorbs basic acid，or neutral coloring matters
with equal readiness；the color is taken up first by the outside walls of the fiibers，and when these are saturated it is farther im－
parted to the inner parts．A section of a
dyed silk fiber， dyed silk fiber，examined under the micro－
scope，exhibits a very dark external ring， scope，exhibits a very dark external ring，
which gradually pales toward the center．
Wool is found to have nothing like the same Wool is found to have nothing like the same
affinity for coloring matters，and requires to be digested or boiled with the coloring
matter before it will absorb it．A fiber of dyed wool presents in section a dark center
and almost colorless external ring．Cotton and almost colorless external ring．Cotton
has no affinity for coloring matters whatev－ er，as the fibers are hollow；it has to be
placed in a mordant before it can be dyed， placed in a mordant before it can be dyed， fibers，and when the color is added，holding
it fast within them．A section of dyed cot－ ton fiber exhibits the cell wall as a some－ what elliptical and colorless ring．
＂I hear you
dresser？＂．
＂I hear
dresser＂＂
＂Yes，
want to hire a good
＂Yes，sir，＂replied the dry－goods mer－
＂Attractive？I sh＇d say I could．I can dress it so a
looking in．＂
In half an hour the sidewalk
with women，all waiting to get a chance to
peep in．The merchant peep in．The merchant souldn＇t un
it，since nothing but a solid piece velvet was hanging in the window． ＂I didn＇t know a simple piece of plain vel－
vet was so attractive．＂
＂Tain＇t that，＂said the new clerk．＂They ＂Tain＇t that，＂said the ne ＂What then？＂

## ground makes a capital mirror．＇

Four Times Around the world Daily． Four Times Around the world Dainy．
A reel of cotton thread in its ordinary ev－
ery－day use，is a pretty bit of insignificance， ery－day use，is a pretty bit of insignificance，
says the London Society，but when traced
to its source is seen to have belongings and to its source is seen to have belongings and life．The simple statement that the thread works of Messrs．Clark（of Paisley，En
gland，）employ between 3,000 and 4,000 work people，that their group of five immense
mills contains over 230,000 spindles，and that these factories turn out every day suf
ficient length of thread to go four times round the world，will be enough to show
that unimportant as the bobbin of thread may be，taken singly，it is，before its disper－ gate，the extent of which is bewildering to compute．
$\qquad$ The culture of flax is becoming an impor It is only within recent years that the mills It is only within recent years that the mills
for the manufacture of linseed oil in this country could secure the necessary raw ma－
terial except by importation，but last year＇s terial except by importation，but last years $7,000,000$ bushels，and the total this year promises to reach from $8,000,000$ to 9,000 ， ed in Minnesota and Dakota．The plant the acre as wheat，and as the price ranges from $\$ 1$ to $\$ 1.15$ per bushel，the crop is a de－
cidedly profitable one．As an element in that diversificatlon of our agrleulture
which is so desirable，the growing attention that is paid to flax culture is a healthy sign．

## Shoe Merchant－So you think nake a good ealesman，do you？

Partment if you will put me in the ladies the stock．＂
＂And what do yon want to do with the
$\qquad$
A very large portion of the textile manu－ factures of the country is located in the nine
most Eastern States of the Union－New En－ gland，New Ycrk，New Jersey and Pennsyl－
vania．Of $\$ 220,000,000$ of capital invested in the manufacture of cotton goods，accord－ ing to the last census，$\$ 192,000,000$－eighty
eight per cent．of the whole－were in these States．Eighty－one millions of the $\$ 96,000$ ，－ ture－nearly eighty－nine per cent．－were in worsted guoads，hosiery，carpets and mixed textile interests was larger still，so that，
when all the textile interests of the country are combined，it is seen that the gross capi－ tal invested in them is $\$ 431,878,800$ ，of
which sum $\$ 387,574,000$ represented the amount invested in the nine states named， being eighty－nine and three－fourths per cent．
of all．



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 Cino pinam Namame wivizuan cold

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 Hix xis nem ，








## SPRING \＆ COMPANY

## Fecker＇s Self－Raising Criddle－Cake Flour

Herelser＇s Self－Raising Wheat Flours，


Fancy and Staple
Frecker＇s Rolled Wheat，or Wheaten Crits Surpasses all other preparation of wheat for producing and maintaining a healthful，active

FFecker＇s Partly－Coolsed Rolled Oats． Feoker＇s Farina




CARPETS，

## Hecker＇s Pericect Badilig Powder

MATTINGS

OII CLOTHS

曰TO．ЕTO．

6 and 8 Monroe Street，

## Grand Raplde，

Michigan．
S．a．wellum ARCTIC

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F
We are sole Michigan ＂Fents for the celebrated S．FARREN \＆CO．，Bal－ timore，and are prepared to fill orders for CAN or BULK oysters at the low－ est market prices either more direct．NO BETTER GOODS PUT UP．H．M． BLIVEN has charge of give your orders person－ al and prompt attention．

## Putnam \＆Brooks．

School Books
School Stationery

Wholesale，
EATON，LYON \＆ALLEN，

The only general jobbing house in
Michigan in our line．Send for cata－ logues and terms．



