Directors pledge themselves to Jo their best to resuscitate the bank

Mr. Hendrie seconded Mr. Martin's motion, but, upon its being put to the vote, it was

lost by an overwhelming majority.

Mr Irving moved, seconded by Mr McMillan, that the proposition of the Back of Commerce and the Bank of Montreal, now before the shareholders, be subjected to a vote of the shareholders. and that the scrutineers be Messrs. Stanton, Counsell, and Chittenden. The motion was carried.

About two hours were occupied with the taking of the poll, at the close of which it was ascertained that for amalgamat'on with the Bank of Commerce there were 1,498 votes. With the Back of Montreal .......423

Majority for Bank of Commerce .. 1.075

The following further resolution carried:

Resolv d,-That although the off r of the Bank of Montreal has not been accepted, yet l the sharcholders present, before separating, desire to express their thanks to Mr. King for his attendance at this mocting, and herehy record those schoo of the obligations ender which they have been piaced by the assistance rendered to the Gore Bank by him and the Bank of Montical on former eccusions, and the shareholders further direct the Cashier to transmit to Mr. King a copy of this resolu-

## CLOSE OF THE COTTON YEAR-PROSPECTS OF PRICES.

I HE close of the cotton year, on Sept. 1, leaves the question of the probable yield of the staple

Angust last, as compared with corresponding periods ic previous years. The following are the returns of cotton morements, to the latest dates, in the various shipping ports in the

## UNITED STATES.

Briles

1		4
ļ	Cotton crop of 1993-67	1.951,968
:	Receipts from September 1, 1853, to latest	
ì		23 9500
ı		2,817,000
۱	Exports from September 1-t. 1868, to latest	
1	dates, 1859	1 443,000
Ŀ	Exports year ending September 1, 1868	1,657,015
l	Stook on hand August 23, 1931	12 6 0
l	Stock on hand August 28, 1893	44 500
I	Stoole on hand August 52 1907	Ranks

In England the deficiency in the stock of cotton is rapidly increasing, the margin between supplies and consumption exhibiting a constantly widening discrepancy. The following is a statement of the total stock on hand in Liverpeal and London, and affect at the dates named, respectively:—

Bales.

	Baics.
August 1, 1869	1 008 001
and the state of t	2,00000
August 1, 1868	1 389,000
August 1, 1967	
August 1, 1860	1,697,660

If HE close of the cotton year, on Sept. I, leaves the question of the probate yield of the staple during the year ending that date unusually uncertain. There are the most coultering views of the product of the new crop, and it is not provide that northing. This uncertainty arises from the unexpected occurrence of the drought, and the difficulty of obtaining the year of the drought, and the difficulty of obtaining reliable returns from the widthy axis under dare of cuts where on the crop have been most disastrons, while in the middle of the control of the

channel The cest is one-twentieth of a penny a ton per mile. This system of wire-rope towing places inland navigation in a similar relative position to that in which the read traffic was pieced by the introduction of railway and the i-cometive. By the clip drum, the tog obtains a held upon the flexible rope laid in the water course, preferly in the same way as the driving wheel of the locometive takes held of the rigid rail upon whech it runs, and the great advantages of steam power may, therefore, he similarly brought to hear on the movement of vessels in water, leaving the railways all their superiority in regard to speed, but restoring to rivers and canale their advantage in reduction of traction. On the motion of the president, a vote of thanks was given to Mr. Eyth for his paper.—Iron Trade Circular.

## COAL MINE EXPLOSIONS.

To the Edutor of The Times.

MR,-The frequent recurrence of these deplorable coal mine explosions, and the fearful sacrifice of human life which they entail, call loudly for improve-ments in the present imperiest system of working these mines, and I doubt not, if scientific men would turn their attention to the subject, that means would be found to render the working of a coal pit as safe from explosions as the ordinary working of a stone coarres.

quarry.

It is true wo have the safety-lamp, its feeble light too frequently induces the miner to open stand use the naked light. What he wants is a more powerful light, and one that he can have no access to, and also many the safety of santilation that would bring to the re-

light, and one that he can have no access to, and also a system of ventilation that would bring to the required spot an abundant supply of cool air.

I have frequently observed that many of the most urgent requirements or modern arisand manufactures are supplied by simple adaptations of means aiready known and employed for totally different surposes, as difficrent surposes, and difficrent in itect, as to present to ordinary minds not the slightest analogy. I will give you an example of this, as it bears strongly on the question of coal mining, and adords, I believe, a means of preventing the possibility of explosion where gunpowder is not used.

In explanation of this remark, I may mention that

not the sightest analogy. I will give you an example of this, as it bears strongly on the question of coal mining, and aflords. I belove, a means of preventing the possibility of explosion where gunpowder is not used.

In explanation of this remark, I may mention that I am at the present time busily engaged in investigating the action of combustion under excessive pressure in humanes where the flame is bottled up to to speak; like steam in a boiler, by which means the heat is intensified in the ratio of the pressure employed, so that the most refractory substances known to man may be insed or dissipated in vapour with the same quickness and facility with which our most casily tothilo sobstances are meited. In one modification of these turneces the workmen operate in a large iron room, where the pressure of the atmosphere is greater than it would be at a depth of ton miles below the surface of the carth, and where the temperature, under ordinary circumstances, would be such that no attendant of a Torkish bath could endure it for a single hour. Yet the men, and the furnace they tend, may by a simple arrangement of apparatus be supplied with thousands of coble feet of air per minute, as cool, or if necessary, much cooler than the surrounding armosphere.

It may be said these facts, interesting enough in themselves, have no interest for the coal minur; they opparently offer no security to him; he has no need of a source of heat so intense as to liquify the most refractory metals as rapidly as wax melts in a common fire. All this is quite true; but the miner, onclosed all day between black masses of coal above and around him, requires a powerful light to see years of the fame and becoming tignted. Now, these are precisely the conditions obtained by combustion under pressure, which offers to the miner a source of the mist eye, on one side of it, in the lower part is a common gas-burner, supplied by a pipe from a gessure table some a summan of the him of the surface of the provision of the present compution. Now, if t