THE PITTSBURG DISPATCH, SATURDAY, FEBRUARY 13 1892.

WAKEMAN'S TRAVELS. chambers beneath the mountain, tier on tier, and miles in length. Cannon are upon

Glowing Pen Pictures of Gibraltar and Its Surroundings.

-3

A HOSTAGE OF CIVILIZATION.

The Place Possessed by an English-Speaking Christian Race.

PEACE IS APPARENT ON EVERT HAND

[CORRESPONDENCE OF THE DISPATCH.] GIREALTAR, Jan. 28.-I believe that one of the greatest glories of intelligent Americanism lies in the fact that, as a people, we are receptive of reasonable and just ideas, and are susceptible of conversion from hereditary prejudice and the mean and little spirit of hatred and envy toward another nation because of any superiority of policy or possession it may be great enough to life on Gibraltar's Mediterranean shore. pursue or enjoy.

This conviction came to me more overowers of Latin and Musselman arms and iplomacy, with the cowardly machinations Levant to Spanish or other possession or retrogression because:

Common Guarantee of Respect. Just so long as England holds Gibraltar the trade of the Mediterranean and the East is pencefully open not only to England but to every nation of the earth with spirit enough to compete for it; and North America, whese English speaking and thinking peo-ple now twice outnumber taose of the motherland, in common with Great Britain, in trade, in travel, and in all those things tending toward the world's enlightenment and progress, will enjoy through England's dogged possession of Gibraltar, a common

narantee of security and respect. If, as I have done, you will tramp through the provinces of France; wander afoot from Finisterre by Valladolid to Madrid and thence across the Spanish sierras to Barcelona and the sea; know Portugal from Lisbon to the Mediterranean gates; idle among the peasants and shaphends of Italy from the Pyranees to test Apulian shores; tramp from Sicilian Catania over old .Etna to fair Palerino: and then, in Algiers and Moroeco, come close enough to the people to know the repulsive nature and life of the Arab from any other source this true thing-that, at heart and as a whole, the Latin races whether in Southern Europe or in South America, possess as deep and lasting a hereditary hatred of all who own and speak the English tongue, as indelessly fires the Moslem heart in its fanatical dream of sometime everywhere planting the Crescent

Now the Pillar of Peace.

above the Cross.

Differ as grievously as Americans may with Englishmen regarding the justice or injustice of this or that, on these large lines of tremendous import we cannot but remain one and indissoluble. Looking out of the history of the centuries that were, and from among the possibilities of the centuries to come, the mighty Rock and its armament fades from sight as a mere stubbornly held ession and menace. Its mythic name, the Pillar of Hercules, merges into the Pil-lar of Peace. And Gibraltar in the possession of the English speaking and Christian living race will remain the hostage of Christian civilization for all time to come. All one's preconceived notions of Gibral-

tar fall far short, I think, of conveying its

SLICES every erag and precipice upon its very peaks. It is a stupendous monntain of stone out of whose sides, at every angle, can be poured more awful destruction than ever issued from the very craters of Ætna

and Vesuvius. Barring the comparatively few cannon upon the heights, it is all peaceful enough in appearance where you stand beside the signal station. Pretty foot and donkey paths wind to shaded roadways below. Over to the east the Rock falls sheer 1,400 feet to the Mediterranean. Away down there like a line of sea feam and driftwood cast upon a thread of shingly shore be-neath gray precipices, lies little Catalan,

resomest and most pieturesque fish the lo

ing village in all Europe. It is said some Genoese fishermen were shipwrecked here, and fastened to the rocks like things of the sea, a thousand or so years ago. Sometimes great columns of stone, falling from a quarter of a mile above them, crash through their white shells of houses and grind a score of souls into the flinty shore. The thunders of siege have no terrors for them. They cannot be dislodged. And they remain there the only things of

Fafe Anchorage for a Navy.

Just opposite the "Northern Pinnacle, whelmingly than ever before, as we steamed away from the land of the Moors and took our way across the Strait towards the city and Rock of Gibraltar. Upon this Northern Pillar of Heroules the English des has floated for 188 years. And I am flag has floated for 188 years. And I am glad of it; glad that Sir George Rooke, in the War of Succession, was cunning and brare enough to take it; that iron-hearted brare enough to take it; that iron-hearten Eiliott in the Four Years' Siege was sol-dier enough to hold it against the combined efforts of France and Spain; and that all the efforts of France and Spain; and that all the white as scaguils' wings, and some trailing behind their huge funnels what from your dizzy height seem like delicately-penciled of Euglish traitors at home, have never availed to hand over this key of the whole fronds of shadow upon the radiant water's

Down there between the two moles you can see the flat roots of the city crouching beneath the crags. At its northern end, just abreast of the Old Mole, and well up the mountainside, which on the west is less precipitous than elsewhere, stands a huge Moorish tower, just 1,250 years old, built by the first Moorish invaders, and the most by the first Moorish invaders, and the most ancient perfectly preserved relic of Moslem rule in Spain. It is almost entire in its massive strength, though honeycombed by innumerable cannon balls; while its great tower of homage is now a powder magazine, while modern barracks and officers' quarters with pleasant gardens fill the area within its project wills its ancient walls.

A Picturesque Barbor Scene.

To the south, Africa seems but a step scross a gleaming pool. To the east there is only the vasi Mediterranean, dotted with many strange and curious craft. To the west, the sight ranges over a beautiful and west, the sight ranges over a beauting and picturesqe harbor scene, with every man-ner of ship that floats, from the leviathan man-of-war to the lateen sailed fellues, including a half-dozen American schooners and barks with their shapely hulls and slender spars, and rests beyond and Moor: you will never have to learn the waters of the bay upon the circling Spanish shore. All this is what one can see at El Hacho upon the heights of Gibraltar; but what wraiths of history mythic and real, crowd

from the past upon the wondrous scene! If Gibraltar were not a unique and the most gigantic fortress in the world, it would still be a spot of rarest interest and charm to the traveler. The scenic beauties from any portion of the embattled mountains are not surpassed in the whole 2,000 miles' reach of the Mediterranean. Two continents and three kingdoms are here within cannon

shot of wherever you may stand. The rides and drives into the most luxuriant and fruitful portion of Southern Spain, all with-in a day's journey, bring within observation and enjoyment every feature of high or low Spanish life which could be studied in a ourney from France to Portugal.

The City and Its Folk.

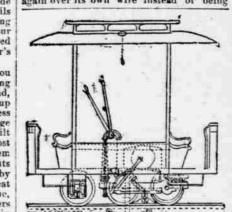
And of the city ? It has 20,000 souls exclusive of the 5,000 or 6,000 officers and men of the garrison. Terrace on terrace it threads along the water's edge. It is a mass of archways, stairs, subterranean thoroughfares, spiral passages, viaducts, vaulting footways, narrow vistas broken From est corners, angles, balconies and roofs, and altogether the strangest, most curious and winsome jumble of human habitations and Africa across the strait, or from the Spanish | thoroughfares men ever built to shelter men and trade. Then of the folk of Gibraltar; were you sheer out of the blue of the sca. As we appreach it some straggling clouds which had and Naples their most picturesque fisher-men; hunt Tangier and Fez for weirdest Berber, Kahbayle, Moor and Hebrew; and dragnet the entire Mediterranean shoals for waterside folk that looked the fisher, smuggler and pirate in one; and thread among all these the scarlet and blue of thousands of the soldiery and artillerymen of the great fortress, you would still have a no more varied, changeful, weird and colorful scene than at any hour of any day your eves may behold, from the Almeda garden below the Moorish Tower, down through the Waterport street, in this Moorish-built, Spanish-finished and English-held olden fortress town. EDGAR L. WAKEMAN. GET rid of one cold before you contract another on top of it, or you may securely establish the seeds of a serious lung com-plaint before you are conscious of danger. Better prudently resort to Dr. D. Jayne's Expectorant, an effective cure for coughs and colds, and helpful also for its healing influence on the lungs and bronchial tubes.

OF

NEW INDUSTRIAL NOTES OF INTEREST

An unusual amount of interest has been attracted by the new motor soon to be operated in Chicago, because it will be the practical, test of a new principle. If the result embodies all that the Love Electric Traction Company claims for it the systems of electric street railways now spring of an instrument getting broken, it in use will be completely revolutionized. is much more satisfactory to make one than Careful preparations have been made by the to send the instrument away for attention. railway company to give the new line as In making them, the best of spring steel severe a test as possible, and if it proves wire is to be used, selecting a smooth iron successful it is more than likely that eleo- rod the size of the spring to be made, caretricity will supplant horses on the outlying fully drawing the temper from the metal

Knes. The new system is practically the overhead trolley system newly applied. It takes the overhead wire, which has proved a practical success, and transfers it from a point above the ground to a conduit below the surface and underneath the track. It employs a complete metallic circuit, by which the current, after being used, passes back again over its own wire instead of being



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discharged through the rail, as is the case in overhead systems. The new system is thus said to be made absolutely safe. The line conductors are of heavy copper The line conductors are of heavy copper wire, nine-sixteenths of an inch thick. They are suspended beneath the track by means of movable insulators. Attached to the car is an ingenious trolley device through which the trolley passes into the motor, thence to the lighting and heating apparatus, and finally back to the return conductor. The trolley is likewise capable of metion is any direction

of motion in any direction. The current is brought up from the cop-per conductors beneath by means of a slot rail which is not unlike the slot used in cable systems. It is so constructed that it forms a perfect steel roof over the conductors and protects them from all kinds of weather. The slot rail has not a nut or serew in it, but is held in its place by a clamp, with ample space for lateral move-ment. This device overcomés the contraction and expansion so common in cable rail-ways, for the width of the slot can be ad-justed at any point in its length by means the ecliptic, celestial equator and the tropics. The earth is rotated by means of a handle, H, projecting through this crystal shell, and in all its phases is visible to the eye. The earth is a three-inch globe, the heavens a 12-inch globe. A cylindrical beam of light reflected from a hand lantern represents the sun, and by its rays falling, on the earth gives a prefect illustration of

of a lever. In mechanical construction the road con

In mechanical construction the road con-forms almost exactly with cable construc-tion except that the yoke is 20 inches in-stead of 45 inches deep. This improvement obviates the moving of sewer, gas and water mains along the lines where the road might be extended. To remove the danger of the conduit filling with water manholes are placed at distances of 25 yokes apart, which drain the water through traps into the sewer. the sewer.

Swedish papers describe a novel kind of The power for running the electrical apconstruction, termed a locomotive steam paratus is obtained at the power house, boat, built at Kristanstud, for the naviga where a 150 horse power generator is now being set up. A uniform voltage of 500 tion of a chain of small lakes, separated by falls, the boat being fitted for this purpose will be used for running the system, the same as is required for the old overhead with wheels fitting a track, and power may be applied to either the propeller or the driving wheels of the locomotive part of trolley system. driving wheels of the locor One of the main advantages of the new system is that any electric motor to which can be attached the apparatus for taking the electric current from beneath can be utilized. The one row account of the new of a radius of 100 meters. utilized. The one now contemplated by the company will conform with the accompany. ing cut. Its advantages over other motors are said to be that the motorman's plat-form is elevated 16 inches above the regular form is elevated 16 inches above the regular surface of the car, which not only gives him the opportunity of exercising greater vigilance while running, but also serves to keep the motor up out of the slush of the streets. It is also provided with four trac-tion wheels, and it is claimed that five or

vessels with a small annular space between SCIENCE. them, a spiral coil being placed inside the SLIUESOFSUIENCE.Mechanisms That Are Novel as Well
as Extremely Useful.them, a spiral coil being placed inside the
inner vessel, and this is put in communica-
tion with a closed vessel containing lique-
tion with a closed vessel is filled with alcohol,
the stop-cock on the carbonic acid vessel is
fully opened, and the cock on the spiral
partially opened, when the liquid passes
slowly into the coil and takes the form of
sucw. From the coil it passes into the an-
nular chamber, in which are placed pieces
of sponge soaked in alcohol, which arrest
all the acid that has not become gaseons,
while the gas itself passes out of the ap-

No. 98 Fourth street (now avenue), it was erected about 1846. It was for years leased and occupied as a municipal building by the city, and contained the lockup, Mayor's office and other offices of city government. Next it was used as a law building in its first story floor, with apartments for roomers in its second and third stories. In the

while the gas itself passes out of the ap-paratus through a bent tube. With about five and one-fourth pints of alcohol in the inner vessel, and consuming four and one-half to five and one-half pounds of liquid carbonic acid, a temperature of 95° F. can be obtained in a few minutes.

A writer in a mechanical journal states that, in the trequent dilemma of the spiral and fastening the rod and one end of the wire in a bench vise; the wire is now to be wound evenly and closely around the rod until the length of wire required for the spring is obtained, when the rod is to be

removed from the vise, and, fastening one end of the spring to the rod and taking hold of the other end, the spring is to be drawn along the rod until the spring is to be drawn along the rod until the spirals are the cor-rect distance apart. To give the amount of spring wanted, it is to be fastened firmly

Globe Within Globe.

on the earth gives a perfect illustration o the day and night throughout the year.

A Divorce in High Life,

tempered wire.

to the rod. The spring and rod are made redhot, and both quickly plunged into cold water. After drying, rubbed all over care-fully with oil, and moved about in the fame of a lamp until the oil takes fire, the spring is thus insured the proper temper. This process is said to be much preferable to the making of such springs direct from

This new apparatus, the invention of Miss Aunie M. Gregory, L. L. A., is a combination of the terrestrial and celestial globes scription is defined, viz: which cannot fail to be useful in schools and colleges. The merit of the device con-

sists in surrounding the terrestrial globe with a celestial globe of glass, marked with . the principal stars, the signs of the zodiac,

called the "conscription act," for enrolling and calling out the national forces, and can be found in volume 12, United States Statutes at Large, page 731.

The officers of the conscription, viz., the

persons to be appointed by the President of



FIGURED IN THE WAR.

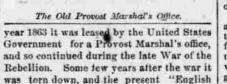
"I'ze a 'Hallen' and forgot my noommer.

which, in its time, was a notable structure

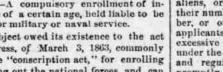
in this city. Known as "Breed's building,"

The sketch herewith shows a building

Old Provost Marshal's Office and Rs Occupants Recalled.



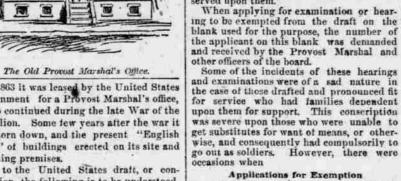
was torn down, and the present "English



Officers of the Conscription, or Draft.

Board of Enrollment, to be composed of the Provost Marshal as president and two other the United States, one of whom shall be a licensed and practicing physician and surgeon, are set forth in the "conscription act" above referred to as well as the duties of above board, matters concerning substi-

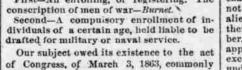
tutes, payment of \$300 for exemption or pro-



block" of buildings erected on its site and adjoining premises. As to the United States draft, or conscription, the following is to be understood. from the draft were of a humorous charac-

In the latest edition of Webster con-

ter. Some of these exemption applicants satisfied the board and were dis-First-An enrolling, or registering. The conscription of men of war-Burnet. Second- Λ compulsory enrollment of in-



is expressed by Campbell:

The combat deepens: On, ye brave, Who rush to glory or the grave! PITTSBURG, February 11. FRITZ

curing same and details of the conscription, or draft. WONDERFUL DISCOVERY. or draft. Subsequent to the foregoing act, the party drafted, or conscripted, by other acts of Congress, could not be relieved from the operation of the draft by the \$300 exemption payment, but, had, if pronounced fit for service in the army by the surgeon of the board, after due physical examination un-der the rules and regulations of the board, to go as a soldier or furnish a substitute ac-centable to the board. Great News for the Children. • NO

lepsy and other fits has been discovered. The little ones need no longer suffer from these terrible nervous diseases. The remedy ceptable to the board. The act of Congress was judicially construed in an opinion of Judge McCandless, of the United States District Court, in the

case of the United States Versus Will. This opinion was delivered at Williamsport, Pa., and is reported in volume 2 Pittsburg Re-ports, page 467. "It affords me greatest pleasure to state that my daughter, who was a sufferer from St. Vitus' Dance, and who was treated for same by prominent physicians in Brooklyn The officials were, viz : J. Heron Foster, then publisher of THE DISPATCH, Captain and Provost Marshal; Robert B. Simpson, without result, was completely cared by using two bottles of Dr. Greene's Nervura. PROF. J. M. ELWOOD,



FELL IN A FIT.

"My boy was very nervons and had four or five fits every day. After using Dr. Greene's medicine three weeks he began to get well, and has had no fits since. Ten doctors gave him up as incurable. The doctors and my neighbors can hardly believe their eyes when they see my boy all strong and well. MRS. EMMA SWEENEY,

13 Ballard street, Fall River, Mass." AG Dr. Greene, the successful sugerialist, in curing all forms of necrous must oproale diseases, 35 W. Fourteenthestenes, Newscrock can be consulted *free*, personally, or 109 let-ter. Call or write him about the .case, or send for symptom blank to fill out, and a letter fully explaining the disease, giving advice, etc., will be returned free.



and Furnishers,





STRETCH At last the cure of St. Vitus' Dance, Epi-

is the great nerve cure, Dr. Greene's Nervura, and the enormous demand for this medicine in all nervous diseases of children has firmly established it as the great children's remedy. It is purely vegetable and perfectly harmless. Druggists, \$1 00.

M. D., Examining Surgeon; William Camp-bell, Commissioner. Subsequently J. Heron Foster became Colonel J. Heron Foster by 43 Cornelia street, Brooklyn, N. Y."



NEW ADVERTISEMENTS.

ON YOUR

IMAGINATION.

The first week in February is always devoted to, special sale of Pants. Wea

therefore, place on sale this week 130 styles of fine Trousers at the low price of \$3. Every style warranted worth \$4, and, best of all, you

CANTRIPPEM

Try our Home-Made \$3 Pants this week.



satisfied the board and were dis-charged. On the contrary, others did not satisfy, whether they were aliens, or "Haliens," as alleged, or had their number, or had forgotten their num-ber, or otherwise. Those draft exemption applicants physically incompetent from excessive obesity, or other causes coming under the exemption provisions of the rules and regulations of the board, were as promptly disposed of as circumstances al-lowed, and speedily discharged. On the other hand, those conscripts pronounced by the drating board to be competent for military service, and who failed to military service, and who failed to furnish a substitute were soon clothed and

The Provost Marshal's Office.

Foster became Colonel J. Heron Foster by promotion from the War Department, Hon. Edwin M. Stanton, Secretary of War. George W. Murphy and Captain Charles W. McHenry were Deputy Provost Marshals under Colonel Foster. All the persons and officials above named are now deceased. When the drafting wheel was filled with the names of those from whom the con-scription was to be made and alterward put into overation; those drafted were duly

into operation, those drafted were duly notified in writing by a paper containing their names, and their number, etc., duly

erved upon them.

mustered as soldiers in the various camps or places provided for the purpose, until, properly drilled, they could be sent to the tented field capable to discharge their duties as soldiers. Further, to realize what is arrowered by Comphell.

true grandeur and impressiveness. whatever direction you approach it-from the westward over the Atlantic, from the Mediterranean on the east, from Tangier in sierras to the north-it has always the seeming of a majestic mountain of stone rising formed among the peaks of the Spanish sicrras, carried by northern winds, were stretched in thin folds across its upper heights. They gave the burge rock alternate bars of ebony shadow and golden light, and, shutting its top altogether from sight, emphasized the impression of a mysterious pltitule.

A Matchless Panorama

Even when one has landed, the easiest affair of its kind in all Europe, as Gibraltar is a free port, this impression is not dis-pelled. The white city, a pile of huddled terraces at the water's edge at the only spot on all Gibraltar where habitations could be patched like nexts of birds upon its ragged sides, is but a thin line of buman resort upon and above the shore. Wherever the eye rests is sea beneath, and rock above; not very precipitous on the city side, yet rising in escarped height on height, until one feels certain that inaccessible heights are shut from sight beyond.

My own first impulse, as I believe must he that of all first visitors here, was to mount its utmost erag and study its topo-graphy with my own eyes, while feasting the matchless panorama thus af-d. In two hours' time, including the dignified delay required in the issuance of a permit by the military secretary, in Gunner's lane, I stood alongside the signal tower, El Hacho, from which, it is said, with a powerful glass the Bay of Biscay can be seen, while the valley in which is built the capital of Morocco, the city of Fez, is plainly discerned.

Impregnable, Gibraltar upon which one now stands is the outjutting promontory of | Here is the price list: a long, narrow strip of land and rock, form- | Lot 7,726, 120 men's c insula on the eastern shore of the Bay of Gibraltar, or Algeciras, as it is sometimes called. The latter is shaped like a horseshoe, open to the south, its western shore extremity terminating in Cabrita Point. This hay is perhaps eight miles long from north to south, and five miles broad east to west.

Lp From Beneath the Waves.

The peninsula terminating in the rock, slopes gradually down from the Spanish mountains to the Spanish lines, just north of the ruins of the old Spanish fortifications, and between this and the Rock is what is known as Neutral Ground, a flat Sandy reach, a mile and a half in length. Upon this, close to the Rock, are the English race course, the drill ground and the Hebrew and the garrison cometeries. The narrow strip connecting Gibraltar with the mainnd has every appearance of having been beneath the waves at no remote date, and

covered by the sea. At the southern end of this sand covered bed of mines the Rock rises almost perpen-dicularly for over 1,400 feet. Many fancy its contour resembles a lion conchant, with its head reared aloft to the north and toward Spain. It is grand enough without the simile; breaking away in lessening crags three miles from its landward face of rock Juggists. to its seward front of stone. The average width of the huge monolith is three-fourths

of a mile The Rock Girdled With Cannon. The Rock, practically sea-encircled, is completely girdled at its base with cannon. Cannon protrude from innumerable bastions and outworks from base to peak. Caunon, hundreds of them, are behind port-

A ROUSING SUIT SALE

To-Day at the P. C. C. C. Clothlers in Our **Basement Bargain Department.**

How do we do it? It makes no difference Let our jealous rivals read this price list and wonder if they are "in it" with us-a few prices that will make competitors squeal and bring us the greatest Saturday's trade ever done in Pittsburg-P. C. C. C. The following men's suits will be sold to-day in our basement bargain department. Lot 7,726, 120 men's cassimere suits at

Lot 7,290, 85 men's cheviot suits at 3 65 Lot 5,346, 98 men's worsted suits at ... 3 70

Lot 5,415, 110 men's cheviot suits at... 3.90 Lot 5,268, 155 men's Harris eassimere suits at Lot 4,571, 140 men's cassimere suits at . 4 85 taining air has over its outlet an india rub-

streets Children's Underwear 25c, Formerly 50c and 75c.

32. Best bargains yet offered. A. G. CAMPBELL & SONS, 25 and 27 Fifth av.

The People's Preference.

"The people of this vicinity insist on hav-ing Chamberlein's Cough Remedy and do the English have rendered Gibraltar unas-sailable by a land force through engineer-ing contrivances by which the entire strip cause they have found it superior to any ing contrivances by which the entire strip could in an instant be blown to powder and other, especially for the grip and the cough which so often follows an attack of the grip. 50-cent bottles for sale by druggists. TISSU

A Thoughtful Person

Consults his best interests by having a box of Krause's Headache Capsules at hand; taken as directed will prevent or stop any to the south and again contronting Atrica kind of a headache, no matter what the with a lesser but none the less insurmount- cause, in fact, if your skull was cracked it with a lesser but none the less insurmount-able wall of stone, about whose base the sea ceaselessly roars and lashes, flinging the attacks will diminish, and by taking the capspume and spray to tremendous heights among the crags at Europa Point. It is will never have another. For sale by all WFSSU

20 Per Cent Reduction.

529 Smith Three doors from City Hall. holes, cut from the solid rock, in hewa

Successful tests have lately been made March with a new attachment for carding engines,

an arrangement designed for the stopping of the machine. The shaft in the upper calender roller is in this instance prolonged a little beyond its bearings, and at its end is affixed a worm gear into a worm wheel, which is mounted on a stud attached to a bracket on the frame. The wheel has a pin affixed to its surface, which engages with a lever acting upon one end of another lever,

the other end of this latter lever being so as to pass under a catch on one side of the

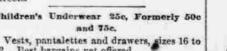
It appears that very satisfactory results

with M. Caillette's apparatus for producing

the engines.

Lot 5,177, 90 men's cassimere suits at. . 3 80 4 20

Cut this out for comparison. You will find each lot and price as advertised. P. C. C. C., Clothiers, cor. Grant and Diamond



We wish to close out one of our plated spoon patterns, and having quite a quan-tity, will, for the next 30 days, make a discount of 20 per cent. These are fresh, new goods, and persons wishing to buy for the spring can save money now by buying at once at HARDY & HAYES',

thfield street,

