THE STAR, WEDNESDAY, MAY 9

intricate, construction clearer than any from the royal head-quarters, da- tion .- On Tuesday morning, the description. It consists simply of a box of sheet iron, divided by a vertical ted Estella, March 15, seven partition into two chambers-which o'clock, a. m.-" The expedition partition, however leaves a space open at the top and bottom for free communication between the two chambers. In one of these chambers which is represented as the larger, and the father from the side where the flue or chimney is placed stands a fire-box formed or iron, lined with fire-brick, and resting by opes bars, on a close ash-pit, in which there is a ualvd opening by which air enters to feed the fire, and the aperture of which is regulated by a thermometer, which acts so as to enlarge or to contract its extent .--.. While the stove door and ash pit door are open," says the author, "a fire may be lighted, and will burn in the fire box just as in a common grate, and the smoke will rise and pass away by the chimney, mixed with much colder air, rushing in by the stove door; but if the stove door and ash pit door be then closed, and only as much air be admitted by the valved opening in the ash pit as will just feed days, supwards of 400 inational the combustion, only a small corresponding quantity of air can pass away by the chimney, and the whole box will soon be full of the hot air, or smoke from the fire, circulating in it, and rendering it every where of an uniform temperature as if it were full of hot water. ' This circulation takes place, because the air in the front chambea around the fire box, and which receives as a mixture the red hot air issuing from the fire, is hotter, and therefore specifically lighter that the air in the posterior chamber, which receives no direct heat, but is always losing heat from its sides and back; and thus, as long as speak more strongly than words. the fire is burning, there must be circulation. The whole mass of air is, in Tarraqual consists in about 5,000 fact, seen to revolve with great rapidity, so that a person looking towards the bottom of the stove through the stove door, might suppose if smoking fuel had been used to make the motion visible, that he was looking in at the top of a great chimney. The quantity of new air rising from within the fuel, and the like quantity escaping by the flue, are very small compared with the revolving mass. There renains to be noticed only the thermometer regulator of the combustion. Many forms presented themselves to my mind, as described in the section on the manufacture of the stove, any one of which will close the air passage, slackening or suspending the cumbustion at any desired degree, and will open it again instant ly when the temperature falls, below ·hat degree. " I had thus a simple box of iron, of cheap and easy construction, answering all the purposes of expensive steam or hot-water apparatus, during its fuel as steadily and regularly as an argand lamp burns its oil, or as an our-glass lets its stand run through, and allowing me, by merely touching a screw on the thermom eter, rapidly to increase or diminish its heat, as by touching another regulating screw we increase or diminish the light of a lamp.' As the proof of the pudding is, however, the eating, so the proof of the stove is the heating. We give our author's statement of his own experience :--"During the winter 18367, which was very long and severe, my library was warmed by the thermometer stove alone. The fire was never extinguished except for experiment, or to allow the removal of pieces of stone which had been in the coal, and this might have been prevented by making the grate with a moveable or shifting bar. The temperature was uniformaly from 60 to 63. I might have made it as much lower or higher as I liked. The quantity of coal used (Welch stone coal) was, for several of the colder months, six pounds a-day less than a pennyworth, or at the rate of half a ton in the six winter months This was a smaller expence than of the wood needed to light an ordinary fire, therefore the saving was equal to the whole amount of the ccal'merchants ordinary bill."

which I mentioned in one of my last reports as having marched into High Aragon, under the orders of Gen. Tarraqual, was in the first instance only intended to draw some of Espartero's troops from the banks of the Ebro, but such has been its unexpected success, that it is now intended to make that province one of four principal points of operation .--For this purpose two battalions marched yesterday for High Aragon, with instructions to join Tarranquel by forced marches Although Tarranqual has not been in High Aragon more than eight guards have voluntari'y presented their arms, and as many more have disarmed. Tarraqual, without meeting with the slightest interruptior, traverses the province from the walls of Jaca to the Ebro and every where is received with open arms; and yet the Christinos pretend that the inhabitants of this part of Spain are the most hostile to Don Carlos. Facts The whole of the force with infantry and twosquadrons, whilst the national guards amount to 9.000 independent of the different Christino garrisons, which with safety may be estimated, including Jaca, at 5,000 troops of the line. Tarragulal having these 14,000 armed men against him, would not have been enabled to remain a day in high Aragon, much lesto disarm 800 national guards were the people against him .--Great hopes are anticipated from this movement, combined with others. Had Cabanero been enabled to hold possession of Saragossa but three days all our plants would have been carried into execution, without the least difficulty Although the ill succes of Cabonero has rendered our work more difficult, it has yet has this beneficial result, that we are now convinced that the whole strength of the enemy lies in the army of the north. With that army we intend trying our strength and, with the assistance of the Omnipotent, and relying on the justice of our cause, we have no fear for the result." PARLIAMENTARY PRIVILE-GES.--It is fortunate for a certain foul-mouthed gentleman, that he did not flourish some 200 years ago, otherwise his tongue might have brought his earsinto jeopardy in 1631 a Mr. Edward Floyde was punished by the House of Commons for a breach of privilege in having scoffed at the son in-law and daughter of the King. The sentence is thus reported :--" 1. Not to bear arms as a gentleman, nor be a competent witness in any court of justice. 2. To ride with his face to a horse's tail, to stand in the pillory, and have his ears nailed &c. 3. To be whipped at the cart's tail. 4. to be £,5000. 5. to be perpetually imprsoned in Newgate. It was put pies,tion, first whether Flovde he was a gentleman ; yet it was agreed, per plures, that he should

appearance of the ground, and unusual noise, as if from a rushing of water into a cavity, having taken place, the engineer's attention was drawn to the peculias circumtances, and he therefore anticipa--sed a rush of water. The workmen retreated, in an orderly man ner, by the safety-platforms erected by Mr. Brunel the passage of the workman in case of danger, and they ascended to the top of the shaft without any personal injury. In about a quarter of an hour afterwords the water gradually filled the Tunnel. Active operations were immediately com menced for filling up the aperture in the bet of the river.

MRS. NORTON.--There is at present a suit pending in the Court of common Please, which nomerous deputation of both chambers affords considerable conversation among the gentlemen of the long robe, and the legal profession generally. It is an action brought | vedly I declared to the General Asseniby Messrs. Storr, Mortimer, and Hunt, the celebrated jewellers of Boud-street, Piccadilly, against But precisely for that reason I am a sinthe Hon. George Chapple Norton | cere friend to a representative constituto recover the sum of £101 11s. tion.' 6d., the balance of £229 12s. 6d., he, the defendant, having paid the 5th of Febuary contains the speech £128 1s., into court for goods of the Governor at the opening of the sold and delivered to him and to Colontal Legislature. In this speech, his wife, the Hen. Mrs. Norton, to recover the sum of £101 11s. 6., eulogizing the conduct of the apprenticed the balance of £229 12s. 6d., he the defendant, having paid £128 is., into court for goods sold and delivered to him and to his wife, apprenticeship. He says-" I consider the Hon. Mrs. Norton, consisting of plate, jewellery, and several articles of byjouterie, a portion of which was supplied to Mrs. Norton since her seperation from Mr. Nor ton, and since the appearance of an advertisement in the public prints, setting forth that gentleman would not be auswerable for any debts that Mrs. norton might occur after their separation, Much speculation is afloat as to the defence that will be adopted at the trial, which is anticipated will sa vour of certain curious disclosures. Serjeant Wilde and Serjeant Tal fourd are the plaintiff's counsel. The cause is expected to come on at the sittings after next Easter term. The object of these pro ceedings we believe to be a deci sion not so much as to the liability of Mr norton, as to the grounds of his seperation from his lady We have heard from various quarters that a reconcilation was likely to take place between the parties, and shall be glad to find that such an event may yet put a stop to the cause here alluded to John Bull.

The Judge asserted his innocence, and demanded the opportunity of establishing it by proof. The matter necessarily came under the cognizance of the Colonial Office, and, as it may naturally be supposed, a desire was expressed by Lord Glenelg that in a case of so 'much constitutional impertance as that of suspending one of Her Majesty's Judges, the demand for inquiry on the part of the accused should not be denied to him .- a Sir F. Head, however. being perfectly satisfied with his own judgment, deemed any such inquiry unnecessary. He had already pronounced sentence without calling on the accused for his defence, and now that the party accused had learn: ed from his punishment the existence of a charge against him, Sir Francis Head showed that he improved even upon the practice of Rhadamanthus, who, though like Sir Francis, he punished first, did certainly afterwards carefully inquire into the case, and compel the delinquents to confess their crimes .- Observer.

HANOVER, 12th March. --- The answer of his Majesty the King to the address of the General Assembly of the Estates of the Kingdom, presented to him by a on Friday the 9th instant. in reply to his Majesty's speech from the throne on opening the session, contains the following expression-" Frankly and "unreserbly of the Estates, at its opening my decided dislike of a system of government founded on were orbitrary outhority .--

DEMERARA .- The Guina Chronicle of after alluding to the " happy, contented, and prosperous " state of the colony, and negroes in the most flattering terms, the governor reperts the opinion he had previously expressed to the government at home against abridging the term of their the continnance of the present system until the 2st of August, 1840, as identified with the future welfare of this magnificent province."

VIENNA, March 7 .-- The emperor has caused an invitation to be addressed to the nolles of the Austrian empire to at-tend the coronation of her Majesty the Queen of England, to give splendour to the participation of Austria in that cere-mony. In compliance with this wish of his Majesty twenty cavaliers of the highest rank of the nobility, including many of the Hungarian nation, have de-

MARKED ALL

SHOCKING CIRCUMSTANCE. A person of the name of Thos. Blendal, of Hawcoat a village about six miles from Ulversion, who unfortunately lived an uncomfortable life with his wife, has had recourse in a moment of passion, to a most unprecedented expedient in order to rid himself of his troubles. Blendal was in a state of intoxication, and greatly excited at the time, owing, to some trifling dispute ; and he asked his wife for some gunpowder which was in the house, and which she after hesitating, some little time, gave to him. He directly threw it into the fire it is said with the horrible

EARTHQUAKE AT SHREWSBURY .- An earthquake was strongly and alarmingly felt in this town and vicinity on Saturday. We have received accounts from several districts, and there is an exact agreement among them all as to the time when the shock, or shocks, took place namely at one o'clock after mid day. In this town we have ascertained that workmen employed in several slightly constructed workshops felt the tremoulous motion in the walls, and an undulation of the floors : at the same time a rumbling noise wasiheard, similar to that of a train of waggons passing rapidly along a paved street.

THE STAR

WEDNESDAY, MAY 9, 1838.

The "SENTINEL," we are requested to state will be published on Tuesday next, the 15th inst, the issuing of it having been delayed by some extra work.

We beg to call the serious attention of our readers to an account of Dr. ARNOTT's newly invented Stove, so ably described in another column. It would appear that a moderate sized room can be kept warm in England at one pennyca day, and allowing for all expences, a room in this country may assuredly be heated at less than two pence a day. Some of the Stoves may soon be expected, and we have no doubt at all, but that thousands of them will meet a ready sale in this cold cli mate.

Dr Arnott's Stove

intention of distroying his wife, but hap-RIVER and METFORD beg to inpily she escaped by running out of the form the Nobility and Gentry, that they Manufacture the celebrated Dr/ house. The melancholy result of the clared their intention to go to London. explosion was that Bleudal lost the ARNOTT's Stove. This invention comshould be whipped or not, because sight of both his eyes, and also received bines the greatest economy, safety and SPAIN. serious bodily injury, which in all procleanliness, with the most effective operation of any mode of heating yet discoverbability, has rendered him an example The reports received from the be whipped. Then it was put to for life, of the consequences of unbridled ed, and is adapted to places of Public Worship, public establishments, halls, passion. The windows were all blown interior increase in interest, and, the question whether Floyde's ears vestibules &c. May be seen in operation out, and the furniture so injured as to in all probability, a serious action should be nailed to the pillory or be of very little value.-Lancaster Gazat their Stove Grate Manufactory and will soon take place, or the greanot, and agreed, per plures, not to Iron Works. ette. ter part of the Carlist army will be nailed." SIR F. HEAD'S RECAL .- It appears Southampton, March 9, 1838. 11. 1. 1. 1. 1. 1. that Sir F. Head suspended a Judge have quitted the northern provin-[DR. ARNOTT'S STOVE .- We see by named Bidoubt, against whom he had advertisement that this useful and econoces. The following is an extract Thames Tunnel-Another Irrnp- privately entertained serious charges .mical Stove is now manufactured to any