sarrey has fully confirmed that of Mr. Lloyd, and proves that there are in obataclet wbich egiaeers and contrmetore of the preseat day conld oot emenunier and overenme witbout mocb diffeulyy and expeace, - the difieultiee beiog mare of achitieal clismeter, aod to be deali witb by afstenmea rusher than by engiDeern.

## Bem Sogts.

Engunerring Field Notes on Parish and Rnil. ray sisrreying and Lerelling. By Hksi James Castien, Simpkin and Mirshall.
Twis in a work of consedershle importance in prectical engineere, insamurh us it supplies them with a fund of wseful information in refereoce to geaeral surveying. but particularly oo se regarde levelling sind the laying out of railways. The imprestion before us is the econd shat bas been required, and in dedicased lo Sir Riehsrd Bonoycatle, a geatlemen of bigh acientific atlainments, and emineot at a surneyor in dificult and almose inmeceasible iocalities. T'be author himmelf is adruntageoanly known so the publie, not ouly on secount of bis sciencific lebours, but from his extensive experience as a prectical surveynr in the woody regiona of Cenad aud elaewhere. Our spece is too limited to edmit of extrncts in apecimens of the manoer in which the bouk in got up, but wa maystate in general, that the syponraphy ie good and the lengunge auficiently perspieunum to be enmprebended by practical meo of even the meonest capseity. This spenks in commendation of the wnrk, for modero writers, tbrough the vanity of display. are apt to treat their aubjects io a manoer that ean oaly be underatood by men of scienee and estepoire mathematical reading.
Tbe work in divided into fire part, and sobdivided into ebapters, each chapter giring a lueid detail of the aubject ander consideration. The directinas ia Part l., ou runaing the bae livee end carrying on the rupge in case of obataclen, are particularly valuable, and Worthy of she reader's arrentire perumal ind the curveye of lleodos, fincbley, sad Wig. mon, with the meibod of plotting, cannot fall, if carefully coasidered, to impars enrreet and extencire information in regard to those very important topics.

In Part 11., where sbe mode of surveying by the theodolite is given, mueb useful matter is contaioed; but we canoot help thinking that the ebupter no trigonometrical problems might have been exteaded witb very conniderable advantage, ne there are many cars which occur is modern pracsice of nome difficuly, that the author bea oot elluded to; and be might, wish some sbow of csadour, have seknowledged the cource from wheoce lue obtuined the principle on which be grounda him solutiona. W'e are somewhet cog oizent of tbis subject, and beg leave to refer our suthar to an early number of Culburn's Cnited Sertice Journal, mad asy if the iden did not originate there, althougb slie writer's name does nol eppenf. "The lion in hnown hy his pew.
The trignonmetrical survey of Ilampatead Heash, as connected aith Sirentham Cummon, will be foond purticularly uneful to young sur. ejejors; but we are fureed to any hial the exmple of triangulatinn, given ií ebapter 10 , Purt II., is not grod; many much unnte inatructive and iaserenting exatuplen might have been melected from the "Urdnsoce Survey," and the author would not bave depreciated the rulue of bis work by producing them.
Part III. explaina the method of aurreying by the circumferentor, so iostrument, wish, os improved hy the Freneb, is sikely, in nor presed esteontre operations, to come saso very geaernl use. Partll. im on levelling, one of the most imporimat sad deliemte bruachee of seneral murveying: the sucthor's monde of ireatyomog aurveyore will find their sidvantage in attendiog to bia remukk. b'urt $V$. trentis of railway curves, and the mander of staking them oat. Thbia in en importmat braneh of modern engineering, and cannot be too emrefolly aueoded to by the sapiranta to conatractive fame. The work concludes with an appeadiz, coataiaieg field-aotes, mod a treverae fervator; mode of practice which we antici. pate will meet a rery ceneral applimece in
asbequent operstions in the fisld, astion, io trameot io rety

A Popular Allos of the Joorld, Jluwserated by Geogrnphical and Siutistical Descriptions. Edited by Jases Wvi.n. Londoo. Wijld, Charing Crose, Noo. 1 to 4.
To Mr. Wyid, one of the most enterprining of our map publisbers, ibe public are indebted for conatent attention in pasing evente, and the supply of the beat ioformation in him depart. ment. al the right moment. The dimeovery of anew inland, ur the auecess of nur urms in Iodiu, is no sooner monnunced, iben Mr. W'yld isnues a map of the loeality, sceurately though apeedily prepared.
T'be wrork now befare us, as ith atme explains, io nf moother kind. It is an endearour wo place a firat-rate mila within the reach of ell, and deservea to be supported. Ench montbly No. (of which there are to be 24 ) conmina two large mapa and illustrative letterpresenat e very low price.

## correspontence.

PI.ARTREINO ON CLAY wAL.s.S.
Sin,-In different parte of Eaglend there are cottagen built with clay, and when newly platered mad whitewashed, they have a very neat appearance. But the minfortone is, that it dnes not continue long, for the frost and weather soma make the plater break off from the elay-walls. Now the object of my tronbling you is co koow, whether soy thiog can be or hua beao invented to remedr this evil. It is an important queation, and thera are thouanda that will be beoefitted by a successful solution of il
$m \mathrm{~m}$, Sir, te.
A Youno Anchifect.

## Sliscellanta.

Union of Cwingre Magone amo Canpen. temm.-A fier the rerent exiraordiomy fent of British aluerity end velour in the taking of every fart on the Cantna river, and the spikiag of sbout 300 cannan by 1,000 men, without tbe loas of amingle man, eproclemation wes insued hy the Cbinere gentry, \&ce. of Cunton, ittimatiog, that as the Eagliah barberimna winhed to build a remple far public worabip; and alen, seroms the river in llonan, to take posecesion of a imact of arnuad mod to build : fort, the great lindy of masona and carpedters ia she two cisien (the old end the aew) af Canion, had beld a public ennultetion, mad agreed together, that if the Eaplish undertake the prusecution of their worlis, as sforenaid, the men employed in three tradem absll none of them be permitted to engage to complete their workn on their own reeponsibility. And if at Ilongkong, Maceo, or Whampos, there should be men tho are wiliing to undertaka it, the people of nur two traden will make it their business in seareh nul every workman of shic nort by name and kill him, and to notify the
inhabitanta of the diatriet to bum up the dwelinhabitants of the diatriet to burn up the dwel-
ling of every man who veatures to asume such a reaponibility, whieb will be dnae witb. out the lemat delay.
FRERMalons Abrs.em. - At the twelfth annual featival in sid of the fundu of this incipient inatitution, held on Wedneaday week, in She Freemamon's Hull, firent Queen-alreet, Dr. Crucifiz atated, that the comarituee proposed at noet th ereet the long projected ayylum, and intended in ibe enauig mantb to submis a pled to the grand lodge far the purpose of ear iunnediate conatruetion of as suitsble boilding. towardm the erection of which 4,11 fin hed mi. ready been contributed. He aubrequently anresdy been contributed. be subrequenty
nounced shat $50 \%$. bad been ane diover toble.
Association for Tkatimo new Invenplose. - An ides mrendy broached in The: Burider bes, it appeare, asumed a practical form by the extablimbmeat of a company is France, "for the purpore of ntudying, conatructing, and experimenting on naw ioventions enanected Mi spondeot of the hining Journal augstate the the redemption of really valucble inventioos from neglest or dimedty med oblivion,

Gimen': Btatua of the Quezn.-The silesee which prevailed in reepeet of thin long talked-nf work wat somewhat ewrious. Re. port maid it had been loet at met no ite way to England; in truth, bowever, it wee afely landed at Southampenn, and in now in tha Royal Aendemy. The Roman Advertiver bang giren two artielen on the atatue, from wbich we learo that tho eulour, applied aparingly in if decoratinn, lias led us a contest of opininn. We extrect one or twn paragrapbs. "Tbia work has beenme an ob. jeet of mueb attention from the atyle in which the ertias has completed it detsils, with the use of colour in lie ornmments and embroidery of the dresm. We need not dwell upon its beatied, except to say that ita completina han enbmaced those whieh, when in mn unfinithed state, were already so distinguishing; and thim io majestic gracefuloest it not noly raisen the suhject to its higheat ideal without merificing truth of resemblance, but is a pernnification of the roval. co obvious, that if discorered centurien hence, we believe there could be an hesitation in recognising it sm se suatue of a queen, even without the timm, or any nther qoeen, even We felt mne slarm for ita reputs. tion on leaming that it had been enlnured, and vinited it again, douhtfal of receiviog en impresuin so egreesble as the first. Hut the applieation of coluur is so delicate, the tonne an auhdued, that no effect of plaring enntrant in produced, and the pale purity al the marble doen nat, mbore, sufier from the partiml tinting. Nuthing more is enloured than the rim of the tiere sad the dolphins that orn enemt is cirelet, in yelliw ; the weve-formed embrnidery of the robe, and the rose, aham. rock, and tbinale at the corners, in red and blue; the neora pendeas from the extremitien, where the (ireekn wore weight of gold, in yellow." "Tbe trtue is one in which mueb deteil is ietroduced, in which the effect songht in thet of the majeatic both from character and position. In auch e oue, where ornament in befiting, and richness, as far a suitable to seulptura, an aitribate of propricty, the iotroduecion of colour partislly, and under the enntrol of so refined a tuate as this ertiatis, doen not (apeaking from nur nwn imprestion) jar agmuat prineiples, nor apprnsela so near to the real as in prejudice the ideal of the subject. Though the detail is rieh, is is anftened almost to shadowines, und not mucb nearer in the glare of dyed draperies, maefumlly worn, than the paleneal of the marble to the warm hued of the flesh. It adds an mueb of the effeet af epleadnar to the figure as to eqhance its absiract character, that of femule rnymlty, ratier than deatroy its purity in general effeci."

Orsmazen (any: correapondent of the Daily Netes) bas juat executed nne of those graceful and Inuebage little oulline drawings in which bia rem genine is conspieuous; moll bis pretent effort will be shartly known extenairely in Edinburgh. Bishop fillien, who is pervonally a most amisble and kindly man, full of zeal for bettering Lie operative elassey. han founded, it appeare, sort of haly guild in mondern A thena, and prixen are giren in tboae of the brotherbond whe excel in "thrift and cleanliness." Overbeck was shed by the patrintie prelate to furnish the deaign for a medal to be diatributed an these necasinna, and I beve seen the reoult. It is she holy drelling It Xaxareth diaplaying a madeat but neat intesibr; Mary ia at ber distaff on ibe righ. Joneph plying bis sxe an the lefs, and then myateriour yougg indweller ainong men ia bumbly engaged aweeping the chipa 0 wond from the eurthen flow with imple diznily. The general effect in harmonious sod beauviful.
Ab.trratione in Wyatminstran Amav. - A correapondent of the Timpe complails. thim the elterations far mome lime eantemplated (not in Weatminater Albey elone) for the laudsble parpose of incressing the necommodation of the public at divine aervief, were only delayed till the furee of pullice apinion -IEinat them had eattled down, and that the plind of removing the acreen, hetweed the transepta and the ehoir, and fitting up the former apaces with aeath, is now beiog carried into effect, elthongb be ennceirew the nare to bo the proper place to be mppropristed to thw perpose, the noly obotaelo being the nrgan ecreen, the architeet of which objectu to have it takeo down.

