#### OUR ILLUSTRATIONS.

THE picture which we give upon our front age this week is one of the six pictures purchased by the Rhine Art Association on occasion of their jubilee, and presented to different German towns. The picture of "Wiland the Smith" fell to the lot of the Cologne Museum, where it hangs in the hall of modern paintings, and has attracted a great deal of attention. The story of Wilaud, the unequalled artifi-cer in metals, of his robbery and mutilation by Nidudr, king of Sweden, the revenge he took upon the sons and daughters of the monarch is told in the Eddas. But the story though it comes to us from the North is really of Rhenish extraction and forms properly one of the old legends of the Rhine. Hence the destination of the picture seems singularly appropriate, and Cologue is proud of this addition to the pictorial representations of its ancient legends.

A MONSTER CYLINDER.—There was cast at the Morgan Iron Works, in this city the other day, what is said to be the largest steam cylinder ever cast. It is 16 feet 11 inches long, 110 inches in diameter, and required for its casting 45 tons, or 90,000 pounds, of gun metal. It is intended to accommodate a piston stroke of 14 feet. The casting of this massive piece of work was done in a mould constructed of brick, and lined with loam, the outside being covered with heavy iron plates to prevent the matrix from bursting when the molten metal was poured in. The mould is constructed of one cylinder of brick and loam within another, the space between them being the required thickness of the casting, the flanges, belts, and other parts of the work being accurately delineated in the matrix. Over half the mould was sunk in the solid earth which forms the flooring of the iron works. It required the metal three hours and twenty minutes to melt, and the 90,000 pounds were then transferred by the labor of 100 men to two huge tank ladles, each having a capacity of about 15 tons, and two large some ladles. The tanks were connected with the mould by pipes, and the crane holles were attached to

At one o'clock, John Roach, who personally supervised the easting, gave the order to begin the pouring. The molten metal was turned into the mould from the two tanks on either side, and at the same time the two crane ladles were swung over, and from all four a white stream of liquid metal began to flow into the matrix. It took precisely two and a half minutes to complete the pouring and fill the mould. operation was watched very attentively by Mr. Roach and his foreman, and when it was com-pleted both pronounced the casting to have been accessful.

The cylinder is intended for a new iron side wheel steamer building for the Old Colony Steamboat Co, for Long Island Sound.

"FAREWELL, REMEMBER ME!"-The autiquated style of dress, the short-skirted gown of flowered brocade, a scarf about the shoulders, and a shape of hat worn by the young lady in Mr.F. Walker's drawing, must fix the date of this pathetic scene about the end of the last century. That was a period of severe political and national conflicts, when both Great Brit in and Ireland were disturbed by alarming revolutionary conspiracies, to suppress which, notably in 1798, Government had recourse to the most stringent measures in pursuit and punishment of the leiders of rebellions faction. Some parts of Scotland and England, under the Adminis; tration of Pitt during the great French War, contained many persons of good social position, who became liable to suspicion as being impli-cated in plots of a treasonable nature. It may fairly be imagined that, upon such an occasion, a fugitive from the vengeance of the ruling powers, a young gentleman qualified to figure in romances of the "Waverly" genus, might have got to some remote western seacoast, whether in the Hebrides, in Wales, or on the shores of the Channel, there to smuggle himself away on board a contraband vessel, escaping the vigilance of Government cruisers. Let it be supposed, in looking at this picture, that the sly craft which is to convey him to France, there to be received as an exile for the cause of Republican liberty, is just now lurking behind the shelter of a projecting headland. He has gone off from the beach in a fishing-boat, the sail of which is hoisted, as we see, to catch a favouring breeze. On the beach, to take a last fond farewell of him by whom she was loved and wooed ere this thunder-cloud of danger came to pass over his head, stands the impressioned maiden, now left so lonely, a prey to agonizing fears and vain She raises her fluttering kerchief as a parting token of affection to the passenger in the lit le boat, which must if not detected and pursued, very soon place him aboard the vessel that waits for his voyage to a foreign shore. We sincerely hope that he will be able to escape in safety, and that she may rejoin him abroad, or that he may some day return with a free pardon, so that this loving pair may be married, and "live happy ever afterwards."

FOOTBALL players are probably the only portion of the community to whom the present weather does not seem unseasonable. Like Jack Spratt and his wife, while some like summer and some swear by the snow and ice, the football player revels in "that sweet calm which is just between," and the only time he is supremety happy is when it is too warm for the snow and too cold for anything else. Our artist has leanings apparently to the old Rugby game, in

or association the sport is a manly one for which Canadians should be well suited in every respect except climate, which shortens the time for playing, and prevents such long seasons as are needed to produce first-class play.

THE ancient capitol town of Hall dates back into the uncertainty of traditional ages. Whether Palas or Capellatium to which Julian the Apostle in A. p. 359 marched at the request of the Alemanni, and which saw the battle of the Alemanni and Burgundians over the salt springs, is to be identified with Hall or with Kissingen is a matter over which autiquarians yet dispute. All true Wurtemburgers are on the side of Hall, loyal Bavarians swear by the claims of Kissingen. Be this as it may, all that is left to Hall of its aucient glory is the reputation as one of the most picturesque and charming watering places of South Germany. The sketches which we give in this number present different views of the village and its neighbourhood, in which is contained the villages of Vell burg and Kombourg.

THE last scene in the tragedy of the Czar sassination took place on Friday the 15th April, about nine o'clock, when five of the six criminals convicted of participation in the crime paid the nenalty of their act on the scaffold. Our illustration represents the prisoners on their way to execution. One cart bore Sheliabolf and Jority of eight votes. Kibaltchik, seated in high iron chairs upon a platform, with their backs to the horses; their arms were tightly pinioned, and their bodies were strapped to the upright iron posts or rods of the chairs. Each was dressed in a black gown, with a flat cap, and had a black board tied to his breast, with the words in large white letters, "Assassin of the Czar." The second cart brought three prisoners, the women Peroffskays scated between Reesakoff and Michaeloff, all fastened to their seats in the same manner, but her dress was rather different. Surrounding them was a strong escort of Cossacks and infantry, with drums and lifes playing a lively tune. and preceded by mounted gendames. The prisoners were unbound and led up the steps on to the scaffold by the executioner and his assistants, where after due ministration of the priests who accompanied them, they were allowed to kiss each other, andwere placed under the beam, each one's head covered with a white hood. Amid the beating of drums which were prolonged so as to drown every other sound, each prisoner in turn beginning with Kibaltchik, and ending with Reesakoff, was led to the top of a small stool with steps; the rope was then drawn tight round one of the supporting beams, and the culprit was left to strangle by the stool being withdrawn from under him. All the prisoners remained firm and imperturbable till

#### MR. HERBERT SPENCER'S PHILOSOPHY ANALYSED.

A full meeting of the Victoria Philosophical Institute of England took place on the 2nd of May at its House, 7, Adelphi Terrace, London, when a paper upon "Philosophy as advocated by Mr. Herbert Spencer," was read by Mr. W. Ground. The aim of the paper was to show that the philosophy in question is not illogical, but that the "analysis" is in direct contradiction to the "synthesis." This he proceeded to prove in the following way:—It was first shown that the existence and the immateriality of mind is a cardinal doctrine of Mr. Spencer's analytic system. Several pages of quotations were adduced in support, and the whole school of thought represented by Professors Tyndali and Huxley was shown to be in complete agreement. It was then shown that the vast tracts of Mr. Spencer's synthetic system utterly ignore the existence of mind, and treat man asonly a composition of solar force. Mr. Spencer's inconsistency was then shown incidentally in a twofold manner, --lst, in that, although he pro-claims a deliverance of consciousness to be an evidence transcending all others in validity, he yet rejects that evidence to the fact of our own personality, and persists in regarding man as only collected nerve-fibres; and, 2nd, in rejecting the authority of conscience, because he proves its genesia from lower elements of mind, whilst he accepts the authority of the logical laws, although their similar genesis he far more conclusively proves. The main position was then established by showing that when Mr. Spencer attempts to pass from solar force to mind, he never proves this step to be possible, but only takes it for granted; yet he has stated there is a chasm between the two which no effort of ours can bridge! It was then shown that this illicit introduction of a factor to which he has no right marks his whole line of synthetic argument. Solar force might give him matter, but can never give mind, and hence, as he really claims to have shown the evolution of mind, he can show this only by committing a logical theft of all the mind required for the whole universe. Were he to restore that mind to which he has no manner of right, his whole synthetic system would be bereft thereof Hanca his philosophy was held to be hopelessly want. ing in its reasoning and in logical proof, and the two parts, "analysis" and "synthesis," which form a logical unity, were proved to be in irreconcileable contrudiction.

HERR MAX MARIA VON WEBER, eldest surand too cold for anything else. Our artist has leanings apparently to the old Rugby game, in Berlin on the 19th alt., aged 59. He was a solentific which our sympathies are with him, but Rugby liserary telest.

#### NEWS OF THE WEEK.

An attempt to arrest Midhat Pasha has proved unsuccessful.

THERE is said to be danger of a rupture beween France and Turkey.

THE anti-Jewish movement is spreading through Austria-Huugary.

QUEEN Victoria has invested the King of Sweden with the Order of the Garter.

THE first copies of the revised edition of the New Testament were issued on the 20th.

SENATORS Conkling and Platt have sent in their resignations as United States Senators.

Evicitor riots are reported from Killarney, where the populace were dispersed at the point THE revolutionary party in Russia have issued

a manifesto accepting the war forced upon them by the Government. GENERAL Ignaties is to succeed General Meli-

koff as Chief o. the Russian Police Department. THE scrutio de liste bill was carried in the French Chamber of Deputies recently by a ma-

The early commencement of the construction of an underground railway in New York is spoken

As attempt, similar to those at Liverpool and Chester, has been made to blow up the police barracks at Hereford with a torpedo. Very little damage resulted.

Sin Charles Dilke has formally announced in the House that negotiations for a new e-mmercial treaty between England and Prance would be opened on Thursday next.

A ST. Petersburg cable says it is rumoured that in attempt has been made to murder the Czar. Six more arrests of revolutionists have been made, and affairs in Russia are said to be growing worse.

MR. HAYWELL has taken the Haymarket Theatre for a short season, commencing in September next. Mrs. Scott Siddons will then appear at that

WARNINGS, -- laing disease and rheum tism are perhaps the most obstinate maladies with which medical skill does battle. The latter, if less daugerous, is the most inveterate of the two. Both make their approaches gradually and are heralded by symptoms which ought to warn the sufferer of the approach. As soon as a cold of the first rheumatic twinge is felt, they who can be advised for their own good will try Dr. Thomas' Eelectric Oil, which gives a quietus to both these complaints, even in advanced stages, but the early use of which inwardly and outwardly is specially to be recommended, as all diseases are most successfully combatted in their infancy. Piles, neuralgic pain, stiffness of the joints, inflammation, hurts, tumors, and the various diseases and injuries of the equine race and cattle are among the evils overcome by this leading remedy. Sold by medicine dealers everywhere. Prepared only by NORTHBORK LYMAN, Toronto, Ont.

# OUR CHESS COLUMN.

Solutions to Problems sent in by correspondents will be duly acknowledged

# TO CORRESPONDENTS.

J. W. S., Montreal.-Papers and letter to band

Student, Montreal - Cornect solution received of Pro-

The contents of the May number of the British Chrishagazine bear evidence of being very carefully aclected and put together. The onligames may well be called useful, as they are positions likely to occur in practical play, and on this account we recommend them strongly to young players who are anxious to improve their knowledge of chess. Chess bittings and foreign news will be found to contain important intelligence, independent of full notices of meetings connected with the game in Scotland, Yorkshire, and London. The dulings of the Problem world have always claimed a large share of the attention of this magazine, and the present number sustains its character in this respect. The games in the Game Department are very fully annotated, and likely to be very instructive to chess students. to be very instructive to chess students.

Capt. Macketyle is at present engaged at 8t. Louis in playing against twelve annueues of that city, to each of whom he gives the odds of the Kuigut. Play began on Thursday the Pith inst, at the rooms of the St. Louis Chess Club. The lirst game of the match was won by Chass Club. 1980's game of the massu was won by the Captain from Mr. Symonds, after a hard struggle. Two games are to be contested with each player.

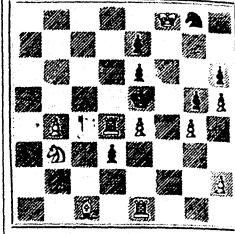
The games of the match biefy played between Mr. Blackburne and Mr. Gunsberg are to be published shortly. Fourteen games contested by two first-class players, annotated by Mr. W. N. Potter, and issued in a very cheap form, will assuedly flad their way into the hands of all who value good specimens of cheac skill.

distmany.—Schools of chess are, as we anticipated, rapidly increasing in the Fatherland. Hitherto they have generally been connected with already existing clubs; but at liamburg, during the winter, a new society, entitled the Stagir Club, has been cetablished, setting itself the task of teaching the game to those who know nothin of it, as well as of promoting the improvement of those who only know a little. This club is a tready in possession of a small chess library, organizes towneys, and stirs up its members to a diligent study of the the theory of the game.

A new club, numbering 28 members, has also been founded at Offenbach, near Frankfurt, with a obeen school in connection with it.—The British Chass Magazine.

An exciting contest lately took place at the Divac in which Measrs. Steel and Blackburne consulted together against Measrs. Hoffer and Zukertort. The match consisted of two games, of which the first was won by the Englishmen, and the second by their opponents. Mr. Steel provided prizes for winners and losers.—Dramatic

PROBLEM No. 330. By F. C. Collins. BLACK.



White to play and mate in two moves

GAME (57rm.

THE CHESS MATCH AT ST. LOUIS.

(From the Olohe-Democrat)

Touth game in the match between Mesars, Judit and Mackenzia.

iltregular Opening.	
White (Mr. Mackensie.)	Binck (Mr. Jud)
1, P to Q 4	L P to K B r
2 P to K Kt 3	2. P to K 3
3. B to Kt 2	3. P to Q 4
4. P to Q B 4	4. P to Q B ii
3. Pto Q Kt3	5. Kt to B 3
6. P to K 3	6. Ki to R3
7. Kt to K 2	7. B to K 2
e. Castler	B. Castles
9. B to Kt g	9. P to Q K13
10. Kt to Q 2	10. Kt to K 5
II. Kt takes Kt	11. B P takes K:
12 P to H 3	12. Pinkea P
	13. B to Kt t H, Kt to B g
14. Q to QJ 15. B to Kc2	13. B to Q R.i
16. R taken R ch (a)	iff. Q takes R
17. R to R B aq	17. Q to Kt 5 th
18. B to Q B 3 (c)	P. Ptakes P
19 B takes Q	ie. Ptakes Q
20. Kt to B 4	20. Kt to Q (
2). B to Q 2	21 B takes K.
22. Kt P taxes B	22. P to K K t t
23 R to B sq	23. R to Q B &
24. K to H 2	24. K to B 2
25. P to K (	v5. Kt to B 3
26. P to K R 3	26. K to K 2
27. K tojK J	27. P to B 4
28. P takes P	Di. P takes P
29. R takes P (d)	29. Rinkes R
30. B to Kt 4	30 Kt to Q 2
51. K'to Q 4	31. P to Q 7
32 B to K B 3	32 Photomiques
33. B takes Q	30, K to Q 3
36. B takes H	H. K to B J
36, P to B 5	35. Kitakes it 36. Kilitakes it
37. Ptakes P die ch	37, K to Q 3
38. P takes P	38. Kt takes Pen
.b. K to K 3	24. K to K 4
40. B to K 4	49 P to R 3
41. P to K R 4	41. Kt to B 5
42. B to R 8	42 Ktto Kt 3
43. P to H 5	43 Kt to B 5
44. P to R 4	H. Kt takes P
45. P to Kt 4	45. Kt to B 5
46 P to Kt 5	46. B to B ∗q
47. P to R 5	47. Kt to Q 4 es
48. K to Q3	the B to Q 8
49. P to Kt 6	49. Kt takes P
50. P takes Kt	5 s. l' takes l'
51. B to B 3	51. K to B 5
32. B to Q sq	52. B to Kt 5
52. B to Q sq 53. B to B 4 54. K to Q 4	53, P to R 4 54: P to R 5
1 P. D. A. 2	24. F 10 It 3

# NOTES.

(a) H to Q R I would, we think, have been prefe (b) A stronger move in appearance than in teality for though Black gains a Pawn for the moment, yet White by proper play, should recover his loss and remain with the better position.

in His h reply

(d) A faulty combination, which loses a piece and be game; B K B wins the Pawn back, and, in our operant leaves White with the better game.

(c) Very Enely played; this timely sacrifice altogether operate White's plane, and enables Mr. Judd to come out of the skirmleh with a piece ahead and a loierably was: game before bim,

# SULCLIUND

Solution of I roviem No. 328

i, Q to Q Kt sq 2. P to B 5 3. P to Q B 5 mate

distation of Problem for Young Players No. 120.

WHITE.

BLACK.

1. Ki to Ki 4

3. B to K 4 (ch) 3. R mates.

PROBLEM FOR YOUNG PLAYERS, No. 367

White.

K at K sq Qat K Kt 5 Kt at Q Kt sq Pawn at Q R 2

Black. K at O 5

Pawus at Q B 4 and 5

White to play and mate in two moves.