THE KIDDERMINSTER CARPET TRADE

There is still an unevenness about business in this district, so far as Brussels manufacturers are concerned. district, so far as Brussels manufacturers are concerned. Some firms speak of being busy, whilst others, although busier than for some months past, still find cause for serious complaint, and experience much difficulty in securing sufficient orders to keep their looms fairly at work. A large quantity of goods are now going into consumption, and this is appreciably affecting consignments, which up to the present this month have been exceedingly heavy, and shew a marked increase when compared with February. During the past fortnight the trade has been visited by a number of buyers who usually prefer to buy on the spot rather than from the patterns carried by the firms' representatives, and in many directions order books have derived considerable benefit from the calls which have been considerable benefit from the calls which have been made. The general condition of the trade is looked upon as healthy, and there is no reason to think otherwise than that a good summer trade is in front.

There is no change in the tapestry branch; business continues limited, although perhaps up to the average. In the Axminster and rug trades machinery is well employed, and in several instances extreme pressure

There is but little change to report in the condition of the wool market. Prices for some sorts are firmer, but for others values are a shade easier. Transactions out ior others values are a shade easier. Transactions continue light, and the turnover is much below what it should be at this period. In the worsted yarn trade there is more business moving, but orders in the main are small. The unsatisfactory state of the wool market continues to exercise a severe check upon operations in this branch. Prices of spun yarns are pretty firmly adhered to, as spinners say they are too keen to enable them to make concessions.

enable them to make concessions.

Cotton yarns are firm, and stand at a high figure. As contracts fall manufacturers prefer to go on from hand to mouth rather than place new contracts at present rates, as they do not think they can be long main-

Joint Stock and Financial Rews.

NEW COMPANIES.

TAYSIDE FLOORCLOTH CO., LIMITED.

Established to carry on at West Shore, Newburgh-on-Tay, the manufactory of floorcloth, table baize, etc.; capital, ∠10,000, in 2,000 shares of £5 each.

Registered with a capital of £10,000, in £5 shares.

Registered with a capital of £10,000, in £5 shares.
Object, to acquire the cotton spinning mill known as Crossfield Mill, Rochdale. The first directors are Frederick Wilkinson, 13, India-buildings, Cross-street, Manchester; P. G. Banton, Corporation-street, Manchester; A. Cowling, Marshfield Mills, Brad ford; and A. H. Stott, jun., Haworth's-buildings, Manchester. Qualification, £50. Remuneration to be determined in general election.

HOLLINGRAKE AND CLEGG, LIMITED.

Registered with a capital of £90,000, in £10 shares.

Object, to carry on the business of spinning, weaving, manufacturing, buying, selling and dealing in wool, cotton, silks, &c., &c. First subscribers: Shares.

continuity conficer and subscribers. Shares.
G. Clegg, Clapton Lodge, Halifax 1
W. H. W. Harrison, 26, Highfield-terrace,
Halifax I
W. Craif, 38, Park-view, Halifax 1
W. Parratt, 343, Queen's-road, Halifax I
T. W. Benson, 43, Craven-terrace, Halifax I
W. Thomas, 7, West-view, Halifax I
There shall not be less than three directors. The first
are George Clegg, John Thomas, and Henry Whiteley
Harrison. Qualification, £1,000. Remuneration to
be determined in general meeting.
S

THE CASTLE SPINNING COMPANY, LIMITED. Registered with a capital of £100,000, in £5 shares. Object, to carry on the businesses of spinning, weaving, doubling, bleaching, dyeing and printing of cotton,

lax, wool, jute, silk, etc. First subscribers :	Sha	res.
W. Thackeray, Mottram-road, Stalybridge		1
A. Keefe, Sett-street, Stalybridge		T
M. Reece, Mottram-road, Stalybridge		T
O. Hibbert, Brookbank, Godley		1
J. Ridyard, High Bank, Stalybridge		I
W. Conway, Mottram-road, Stalybridge		1
J. A. Newton, Mottram-road, Stalybridge.		1
E. Leach, Millbrook, Stalybridge		1
W. T. Watts, Acres-lane, Stalybridge		1
Phys. shall not be less then for mor more at		

directors; the first to be appointed by the subscribers to the memorandum of association. Qualification, holding shares. Remuneration to be determined in general meeting.

THE NEW MILL COMPANY, IDLE, LIMITED.

Registered with a capital of £8,000, in £10 shares. Object, to acquire the business carried on at Idle, West Riding, Vorkshire, under the style of the New Mill Company, Idle. There shall not be less than nine nor more than twelve directors. Qualification, £80, Remuneration, £1 per week, divisible.

TEMPLETON ASBESTOS MINING COMPANY, LIMITED.

Registered with a capital of £25,390 in 2,500 ordinary shares of £10 and 390 founders' shares of £1 each. Object, to acquire asbestos mines, mining rights, and land containing, or likely to contain, asbestos in the township of Templeton, Quebec, and

First subscribers are:

R. Wissmann, Sonnenbrink, Overhill-road, 5
Dulwich ... 5
J. Werner, Maytree, Richmond ... 5

J. M. KIRK AND SONS, LIMITED, HALIFAX.

Registered on the 26th ult., with a capital of

THE KING STREET ROPERY COMPANY, LIMITED.

Registered by George E. Mellor, 28, Clegg-street, Oldham, with a capital of £6,cco, in £5 shares. Object, to carry into effect an agreement made February 27th between James Milne and John Edward Milne, of the one part, and Samuel Taylor, on behalf of the company, of the other part, for the purchase of the business of a rope, twine, and banding manufacturer, now carried on at King-street Ropery under the style of J. and J. E. Milne. There shall not be less than four nor more than five directors. The first are George Mellor, Samuel Clough, Charles McLaren, William Butler, and John Illingworth. Qualification, 25 shares. Remuneration to be determined in general 25 shares. Remuneration to be determined in general

LEA, LIMITED.

Registered by Johnson and Co, Birmingham, with

Registered by Johnson and Co, Birmingham, with a capital of £140,cco in £10 shares. Object, to acquire the businesses of a wool factor and worsted spinner, carried on by Thomas Lea, at Kidderminster and Bridgnorth. The first subscribers are:— Shares, G. H. Lea, 15, Old-square, Lincoln's-inn.... IT. S. Lea, The Larches, Kidderminster ... IT. S. Lea, The Larches, Kidderminster ... IT. S. Lea, The Larches, Kidderminster ... IT. G. Taylor, Bracebridge House, Kidderminster ... IT. A. Butcher, Summer-bank, Kidderminster ... IT. C. S. L. Briscoe, Arch-hill, Kidderminster ... IT. A. H. Gibson, 39, Bennett's-hill, Birmingham ... IT. A. H. Gibson, 39, Birmingh

JAMES GREENWOOD AND SON, LIMITED.

Registered with a capital of £35,000, in £10 shares. Object, to acquire the business carried on at Holme Mill, Hollins Mill-lane, Sowerby Bridge, of woollen manufacturers and cotton spinners carried on there, manufacturers and cotton spinners carried on there, and for such purpose to carry into effect an agreement, made March 2nd, between Joseph Greenwood and Charles Smith. First subscribers:— Shares.

J. Smith, Sowerby Bridge. I. C. Whiteley, Sowerby Bridge I. J. Greenwood, Sowerby Bridge I. J. Greenwood, Sowerby Bridge I. T. Hoey, Sowerby Bridge I. W. Dixon, Clough Head, Norland I. C. Firth, Sowerby Bridge I. G. Rhodes, Halifax I. The first directors are the first three subscribers to the memorandum of association. Qualification, 10 shares. Remuneration to be determined in general meeting.

Gazette Mews.

PARTNERSHIPS DISSOLVED.

W. D. Coddington and Sons, Chorlton-street, Man-chester, and elsewhere in Lancashire, cotton spinners, C. J. Spencer Brothers, Hope Works, Barnsley, bleachers, etc. Neal Brothers, Friday-street, Leicester, trimmers

and bleachers.

John Booth and Son, Charlesworth, Derbyshire, cotton banding manufacturers; by the death of George

Rawstron and Co., Albion Mill, Helmshore, Lan-

caster, cotton manufacturers.
Riley, Priestley, and Co., Hopwood-lane, Halifax, coating manufacturers.

ADJUDICATIONS.

Edward Wareham and Joseph Hargreaves, Adelaide-street, Bolton, cotton cloth manufacturers. John Smith, Mearclough Mill, Sowerby Bridge, woollen manufacturer.

RECEIVING ORDER.

Joseph Collins, St. John's-road, Huddersfield, cotton spinner; Huddersfield.

NOTICE OF DIVIDEND.

R. L. Addyman, trading as Addyman and Co., Stansfield Mill, Kirkstall-road, Leeds, and residing at 7, Olive-grove, Leeds, cloth finisher; 5s. 9d., first.

Patents.

SPECIFICATIONS PUBLISHED.

RICHARDSON AND HOLLAND. Production of caustic soda, etc. 8d.
 LAKE (Muller and others). Artificial horse-

5,725. LAKE (APALIER and others). Artificial horse-hair. 4d.
3,749. BLAKELEY AND BEVING. Ornamenting textile fabrics. 4d.
0,049. CALVERT. Twine. 11d.
463. PACKER. Producing spots upon lace, etc. 4d.
0,041. BUCKLEY. Mules and twiners. 6d.
271. SALEHA. Cleaning and separating cotton from seeds. 6d.

4,049. 4 463.

5,041.

5,508. Hom seeds. Od.
6,445. Madden Knitting seamless stockings. 8d.
8MITH. Tension pulleys of spinning etc.,
machines. 6d.
21,230. BARKER. Figured pile-fabrics. 8d.
2,762. BANCROET. Transit frames for pile fabrics. 8d.

2,850. STOTT. Sectional warping, etc., machines. 8d. 3,962. MARCHETTI AND CROSSLEV. Printing yarns.

4,050. TATTERSALL. Humidifying the air of factories,

etc. 8d.
5,033. PHILBURN. Flyers for spinning machinery. 6d.
5,289. Adars. Scutching and rippling flax, etc. 6d.

30. Downing (*The Morton Safety Heating Company*).

Heating apparatus. 8d.
583. Durand and others. New colouring matters. 4d.

AMENDED SPECIFICATION.

1888. 10,205. DE PASS (Imbs). Spinning machines. Ed.

REPRINT (with alterations).

1890. 446. FISHER. Carpets. 6d.

SECOND EDITION.

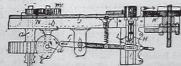
1881. 4,899. IMRAY (Koechlin). Colouring matters. 4d. 1882.

549. THOMAS. Bleaching. 6d.

1890. 3,095. Leigh (Williams). Colouring matters. 6d.

ABSTRACTS OF SPECIFICATIONS.

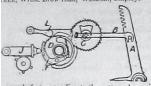
14,684. September 18, 1889. Looms. J. Telford, 23, mmett-street, Miles Platting, Manchester.



For weaving wire webs by power the driving shaft a is geared with a shaft b which operates upright shafts d through bevel gearing Tappets E on the shafts d act against bowls on the spring picking levers F by which the shuttle is operated. The shafts d are each geared at their lower ends with a horizontal shaft. The shuttle H is of cast metal of great thickness, and the trap I is

ande as a square groove in a true planed iron box; one side is cose to suit the square of the shuttle, and a sliding spring block, serves to hold the latter. The lay is operated on the horizonal frame side by quadrant levers N acting against bowls m on herods J. The lay is returned by springs. The web is taken p between two wooden rollers K geared together. The warp stress are let off from tun-end bobbins slipped on to a spindle of the number required. §4d.

14,704. September 18, 1889. Looms. W. A. and D. CRAB-



Dobby.-The are operated through rods B

are operated wheels of the wheels of the wheels of the helps motions. The sliding tappets are put in and out of action by beyond the wholes of the wheels of

14,724. September 18, 1889. Looms. A. SNOECK, Ensival

elgium.

Jacquards.—The jacquard mechanism is supported on two
oss frames resting on the shortened side frames of the loom.
he cards are carried by four brackets fixed to two hand-rails. A
setal platform, accessible by means of steps, is secured to the
ames, and serves to strengthen them. §4d. Drawings.

frames, and serves to strengthen them. 84d. Drawings.

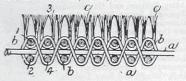
14,751. September 19, 1889. Treating Fabrics. J.

SMITH, 41, King-street, Batley.

For imparting solidity and a permanent finish, a softness and an evenness necessary for the dyeing process to woollen, worsted, back-worsted, unions, and other woven fabrics, they are passed to and fro through a "wee-gee," containing water or other liquid in a boiling state. 64d. Drawings.

14,756. September 19, 1889. Pille carpet fabrics. H.

MULLERS and A. SPINDLER, Dulken, Prussia



Cut pile carpeting is woven in the manner shewn, with ground warps \(\begin{align*}{c} \), pile warps \(\begin{align*}{c} \), double weft picks \(\begin{align*}{c} \), \(2, \) \(3, \) and a central warp \(a \) under considerable tension. Picks \(1 \) and \(2, \) and \(4, \) etc. or inserted simultaneously by the use of two shuttles in the loom, each double pick being followed by the insertion of the pile wire beneath the pile warp. The warp \(a \) acts as a path for the upper shuttle. A modification is described in which the pile warp is bound in by two weft picks. \(6d \).

14.775. September \(13, \) its \(2b \). Looms. S Fillden Stansield Cottage, Todimorden.

Pickers, connecting picking straps \(b \).—The strap is attached to a pivoted link or swivel piece detachably connected to the bedy of the picker at a point below the spindle hole. Various forms of links and methods of connecting them to the picker are described. \(6d \). Drawings.

4,802. September \(3, \) its \(8d \). Knitting.

W. H. Revis, A. Brewin, and J. Marriotti, follosimith-street Works, Notting-ham.

DEMENTS, and J. MARRIOTT, Goldsmith-street Works, Notting-bam.

Straight-bar machines.—In making single course stripes, the sur-boxes are returned to their initial position immediately after drawing a course, and whilst the machine is dividing and knock-over the loops. The Provisional Specification describes also means for making two parallel rows of narrowings on each side of the foot of hose or half-hose, each pair of narrowings terminating in a point. 8 d. Drawings.

14,810. September 19, 1859. Knitting J. H. Woodward, Lee Works, Nottingham.

Straight-bar machines.—To facilitate the automatic fashioning of "Gardigan" jackets, three pairs of separate and independent sets of narrowing points. 1s. Drawings.

14,859. September 19, 1859. Blankets, etc. T. Taylor, Bath blankets are machines.

blankets or wrapping sheets are woven with a lor woollen pile on a ground of cotton or cotton and 43d.

14,374. September 20, 1889. Embroidery. G. L. lick, M. Kursteiner, and E. Tanenz, 15, Rue de Richelieu,

Paris.

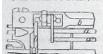
An embreidering machine of the Swiss type is provided with means for printing designs on the work.

The printing designs on the work.

The printing devices are arranged in sections, in each of which several printing blocks are secured on a plate carried by arms, pivoted on a carriage. Details are specified. 18 Drawings.

14,905. September 21, 1889. Spinning. W. Pirlon, Carding-engines.—A machine for cutting ring spaces in the card clothing on doffer cylinders. G.d. Drawings.

14,908. September 21, 1889. Looms. G. G., C. E. P., C. D., and W. R. W. TYLER, Mount Gernos Honse, and W. DAVIS, all of Llandyssil, Cardiganshire.



all of Llandyssi), Cardiganshire.

Shattle guards,—A pair of tools or rails a are secured to end arms which are hinged on the lay cap b. The guard thus formed is put in and out of position by the action of the stopping and starting gear of the boom. Guide plates I on the shuttle, or direct it into the boxes, in the event of its being displaced between the guard and the boxes, in the event of its being displaced between the guard and the boxes. [4]

14,925. September 21, 1870. TWIST Lace Machines.

W. Spowace, Denman-street, Bradford, Nottingham.

Bobbin Carriagres—The bottom or ground part is bevelled on one or both sides from the lower edge to about half its depth,

in order to allow two carriages to pass through any gate in the combs without material damage to either. Ed. Drawings.

combs without material damage to either. Ed. Drawings.

14,960. September 23, 1889. Spinning, etc. W. C. Burton, Rose Villa, Latchford, near Warrington.

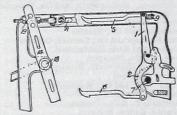
Spinalis, etc.—Within the holster casing is fitted a spring bolster or bush formed of a piece of wire or ribbon coiled spirally. The spindle is held down by means of a spit ring, which springs into a groove on the inner surface of the wharve, and takes about to a groove in the bolster case. The invention is applicable to mules, throatles, ring frames, etc. 640. Drawings.

15,036. September 24, 1889. Looms. M. Sowden, Sowden's Loom Works, Shipley.

Debbies.—The baulk levers 1 are curved or recessed at 2 to

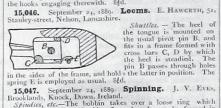
den's Loom Works, Shipley.

Debbies.—The baulk levers 1 are curved or recessed at 2 to admit of the fulcrum 7 of the jack levers being situated as shewn. The latter may thus be made shorter and lighter than usual. The fulcrum bars o are inclined, or are formed with steps or recesses of varying depths, so that the draw hooks 5, 6 may move the required distances to produce an even shed. The recesses or steps serve to prevent lateral motion of the draw-hooks and baulk levers. The draw knives 8 are made to traverse further at one end than at the other by arranging the joints 19 on



the levers 14 at different distances from the fulcrum 18. friction bowls on the knives guide and steady the latte cesses may be cut in the knives for preventing lateral me the hooks engaging therewith. 84d.

3. September 24, 1889. Looms. E. HAWCRTH, 51 street, Nelson, Lancashire.



15.047. September 24, 1889. Spinning. J. V. Eves, Brooklands, Knock, Down, Ireland.

Spindles, etc.—The bobbin takes over a loose ring which rotates with it, is preferably flanged, and may be formed in various ways of metal, wood, or other suitable material. 64d. Drawings.

various ways of metal, wood, or other suitable material. 6dd. Drawings.

15,009. September 24, 1889. Tearing, etc., rags.

T. Jackson, Ravensthorpe, near Mirfield.

Swifts or drums used in machines for tearing, pulling, or grinding rags, are formed of an external shell A provided with taper holes into which the teeth gare driven from the inside, the teeth being held in position by an inner drum B, which is preferably made expansible to facilitate its removal for the renewal of the teeth, etc. The drum B is shewn made in segments connected together by right and left-handed screw couplings e, and the spokes of the drum may be expanded or contracted by operating the screw couplings e. The boss c is also formed in sections secured together by bols. In a medification the rim B is in one piece slittransversely to allow of slight expansion and contraction, and the boss c is solid and is provided with radial holes into which take the screwed ends of the spokes e, the latal being provided with nuts by which they may be adjusted radially. The inner drum may also be made to fit exactly the shell A, and be secured to it by bolts, etc. The shell A may consist of a series of metal lags secured by encircling metal hoops, etc. 8]d.

15,129. September 25, 1889. Knittling. J. W. Lamb and Straight-bar machines.—Zig-zag or other irregular striping produced by controlling the thread-carriers by pattern shides, to

J. Noos, Nottingham.
Straight-law mackines.—Zig-zag or other irregular striping is produced by controlling the thread-carriers by pattern slides, to which a progressive motion is imparted either in the same or in opposite directions, for the purpose of shifting the feld of traverse of such carriers, or of enlarging and contracting the length of their traverse.
1s... Drawings.

their traverse. 1s.. Drawings.

15,135. September 25, 1880. Treating esparto grass. J. E. Richardson, Coatlith Hill, Alston, Carlisle. A process for treating esparto grass to adapt it for use in the manufacture of carpets, matting, twine, and the like, and consisting in first softening the grass in a bath of water, caustic soda, hydrochloric or sulphuric acid. The grass is then thoroughly washed and drained, and passed through rollers to press out the superfluous moisture. It is then beaten with wooden beate, spassed through fluted and then through plain rollers, and after carding it is ready for being spun into yarn, etc., or woven into carpets, matting, etc. The carpet, etc., when completed, is preferably finished by passing through hot polished rollers or by staing, 440. 15.156. September 26, 1880. Weshing wood acc. W

finished by passing through hot polished rollers or by sizing, 4th.

15,153. September 26, 1889. Washing wool, etc. W.
EASTWOOD, 34, Great George-street, Leeds, and A. Ambler,
Holling's Mill, Sunbridge-read, Bradford.
Relates to a method of and apparatus for washing wool and
other textile fibres, and clothes, wherein the use of propelling
rakes is dispensed with. Consists in feeding the material 8 into
a bowl, which inclines slightly towards the squeezing rollers, and
over which is a perforated trough operated so as to rise and fall
and reciprocate toward and away from the rollers by means of
eccentries. The wool is thus intermittently squeezed and fed
forward by the trough. The water draining from the bowl falls
into a tank, divided for the purpose of separating impurities from
the liquid before its return by a pump to the trough. 1s. 2d.

Drawings.

Drawings.

16,170. September 26, 1889. Looms. F. H. Gosling, George-lane, Bredbury, Cheshire.

Drop-ber motions.—In the Shaw and other motions for check looms the pattern cylinder is mounted on an angle-lever, which turns on a stud, and is operated from a grooved cam through a forked rod. A spring keeps a pin in the fork. When the loom is stopped on the failure of weft, etc., a pivoted rod, worked by a rod in connection with the setting-on rod, comes beneath the

angle-lever, and thus checks the motion of the cylinder. \$40. Drawings.

16,176. September 26, 1889 Sulphonic acids: dyes.

16,176. September 26, 1889 Sulphonic acids: dyes.

16,176. September 26, 1889 Sulphonic acids: dyes.

Relates to the production of amide-oxy-naphthalene disulphonic acid and amide-dioxy-naphthalene monosulphonic acid is obtained by heating beta-naphthylamine-trisulphonate of sodium with caustic soda at 220°260°.

The melt is dissolved in water, strongly acidulated with hydrochloric acid, and left for the acid sodium salt to crystallise out the amide-dioxy-monosulphonic is obtained by heating the former product with caustic alkali at 240°280°. C, and treating the melt in a similar manner. Nitrous acid converts these products into diazo compounds, which furnish azo colouring matters. For example, when added to a solution of beta-naphthol in ammonia, the diazo compounds obtained in the usual way from amide-dioxy-naphthalene monosulphonic acid forms an azo dye which is completely separated by common salt. The amido-oxy acids may also be caused to react upon diazo or tetrazo compounds with the production of azo dyes varying in shade from black violet to blue black. 6[d.]

angle-lever, and thus checks the motion of the cylinder. 8{d. Drawines.

pounds with the production of azo dyes varying in shade from black violet to blue black. 6jd.

15,176. September 26, 1889. Sulphonic acids: dyes.

O. Isray, Southampton-buildings, London.—(Farbnere varm. Meister, Lucius, and Bruning, Germany.)

Relates to the production of amido-naphtho sulphonic acids from the beta-naphthylamine disulphonic acids R and Y, of their diazo compounds and of azo colouring matters therefrom.

Sulf-home acids—Beta-naphthylamine disulphonic acid R or Y is mixed with caustic soda, and a little water, and heated slowly to 250°-250° C. The melt is dissolved in water and saturated with hydrochloric acid, and the new acid crystallies from the bot solution. On treating the sodium salt with hyrochloric acid and sodium nitrate the diazo compound separates as a red orange powder.

Aso dyes.—The diazo compounds of the new acids combine with pienols and naphthols and their sulphonic acids to form azo dyes, of yellow, red, and brown shades, the Y acid yielding bluer shades than the R acid. The new acids may also be combined with diazo or tetrazo compounds, producing azo dyes varying in shade from black violet to blue black. 6td.

15,203. September 27, 1880. Bollers. R. Goodboov,

shade from black violet to blue black. 6(d.

15,203. September 27, 1889. Bollors. R. Goddedy.

15,203. September 27, 1889. Bollors. R. Goddedy.

16,203. September 27, 1889. Bollors. R. Goddedy.

16,204. Increased to the september of the septemb

15 264. September 28, 1889. Webbing for embossing.

Boyp, Victoria Mills, Holbeck, Leeds.

18 20%. September 2s, 1835. Weibling the chrossing. The Born, Victoria Mills, Holbeck, Leeds.

Webbing for use in the process of embossing woven, knitted, and felted fabrics, is woven with flowers or other curvilinear figures or designs by the employment, in a jacquard or other harness loom, of a ground warp, a sittching warp, and coarse and fine wefts, all of cotton. The ground warp is shed in the ordinary way, whilst the stitching yarn keeps down the thick weft on both faces, whereby the figures are formed.

44d.

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TREATY, of Engineering Works, Cotton Spinning and
Weaving Mills, Paper, Print, and Bleach Works, Machinery
Plant, or any other class of Property undertaken in any part
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