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NEW YORK, SATURDAY, NOVEMBER 3, 1883.

#### Contents.

(Illustrated articles are marked with an asterisk.)

Agricultural inventions
Artesian wells, Australia* 278 Aspects of planets for November 273 Asser's photo. itho. transfer 280 Australian steam ferry boat* 278 Autumn glories
Aspects of planets for November 273 Asser's photo. httpo. transfer
Asser's photo. itho. transfer
Australian steam ferry boat*. 278 Autumn glories
Barney automatic dumping boat <sup>4</sup> 271 Bisulph. of carbon in insanity 274 Bone black superphosphates. 278 Bottle-nosed whale. the* 270 Business and personal 280 Chloral in whooping cough 276 Calipers and dividers* 281 Convention tooi* 276 Coloring amber 277 Combination tooi* 281 Convention of inventors 279 Death from passion 279 Death of a Japanese student. 274 Dimensions of atoms 276 Dimensions of atoms 278 Doty's slide valve' 281 Electric licht carbons 281 Electric licht carbons 281 Electric licht carbons 281 Electric licht carbons 282 Englisen skylark in America 279 German population of the U. S. 276 Glass bead industry of Venice 278 Hard-headed practice 281
Barney automatic dumping boat <sup>4</sup> 271 Bisulph. of carbon in insanity 274 Bone black superphosphates. 278 Bottle-nosed whale. the* 270 Business and personal 280 Chloral in whooping cough 276 Calipers and dividers* 281 Convention tooi* 276 Coloring amber 277 Combination tooi* 281 Convention of inventors 279 Death from passion 279 Death of a Japanese student. 274 Dimensions of atoms 276 Dimensions of atoms 278 Doty's slide valve' 281 Electric licht carbons 281 Electric licht carbons 281 Electric licht carbons 281 Electric licht carbons 282 Englisen skylark in America 279 German population of the U. S. 276 Glass bead industry of Venice 278 Hard-headed practice 281
Bisulph. of carbon in insanity 274 Bone black superphosphates. 278 Bottle-nosed while, the* 279 Business and personal 282 Chloral in whooping cough 276 Coloring amber 271 Combination tool* 271 Combination tool* 271 Combination for inventors 272 Death from passion 272 Death of a Japanese student 274 Deepest well in the world 275 Dimensions of atoms 275 Dury ing city refuse at sea* 271 Dury side valve* 281 Electric licht carbons 282 Engineering inventions 283 Engineering 283 Engin
Bone black superphosphates. 278   Bottle-nosed whale. the* 270   Business and personal 282   Chloral in whooping cough 276   Calipers and dividers* 281   Conting amber 276   Coloring amber 276   Convention tooi* 281   Convention of inventors 281   Death from passion 276   Dimensions of atoms 276   Didty side valve* 276   Dimensions of atoms 276   Dimensions of atoms 276   Dimensions of atoms 276   Electric licht carbons. 281   Electric licht carbons. 282   English skylark in America 277   Garman population of the U.S 276   Garban et al. adverty of Venice 282   English skylark in America 277   Garban et al. adverty of Venice 282
Bottle-nosed while, the* 279   Business and personal 282   Chloral in whooping cough 276   Calipers and dividers* 281   Coasting without snow* 276   Coloring amber 277   Combination tool* 281   Convention of inventors 272   Death from passion 272   Death from passion 273   Deepest well in the world 276   Dimensions of atoms 278   Dity's slide vaive* 275   Dumping city refuse at sea* 271   Electric listh carbons 282   English skylark in America 273   German population of the U.S 282   English skylark in America 277   Glass bead industry of Venice 276   Stard head ed practice 281
Business and personal
Chloral in whooping cough
Calipers and dividers*
Coloring amber
Coloring amber
Convention of inventors
Convention of inventors
Death from passion
Deepest well in the world
Deepest well in the world
Dimensions of atoms
Doty's slide valve <sup>2</sup>
Dumping city refuse at seat271 Electric licht carbons281 Elec, accumulator, new form278 Engineering inventions282 English skylark in America277 German population of the U. S. 276 Glass bead industry of Venice281 Hard-headed practice281
Electric light carbons
Elec. accumulator, new form
Engineering inventions
English skylark in America ??? German population of the U.S ??6 Glass bead industry of Venice ??5 Hard-headed practice
German population of the U.S 276 Glass bead industry of Venice 275 Hard-headed practice
Glass bead industry of Venice 275 Hard-headed practice 281
Hard-headed practice 281
Hearing the whistle 277
Heating small plant houses 275
Holt's plow gauge*
Core o provi dramo, i core da a
Home-made fountain pen 28

Hydrobromic acid, prep. of ...... 275 283 Index of inventions... Inventions, new Irrigation in India.... Krakatoa\*... rakatoa\*.... iquid oxygen and nitrogen loss from spontaneous combus. Liquid oxygen and nitrogen 275 Loss from spontaneous combuss 281 Making wind power auxiliary 272 Mechanical inventions. 282 Metallic poisons on spinal cord. 276 Metallurgical discovery 288 Melted wool 281 New sholks and publications. 282 New books and publications. 282 New England patent law. 278 Nickel plating on zinc. 277 Notes and queries 283 Oil stone, the 272 Organisms in the atmosphere. 283 Organisms in the atmosphere. 273 Reie's improved fence<sup>4</sup>. 274 Since valve. Book 's<sup>4</sup>. 275 Siled evalve. Doky's<sup>4</sup>. 275 Siled evalve. Doky's<sup>4</sup>. 275 Siteam ferry in Australia<sup>4</sup>. 278 Steam ne into port on fire. 273 281 272 Steam vs. water power. ...... Steam vs. water power. ..... Suphur phosphorescent..... Three wheeled inspection car\*. Torrey's combination tool\*.... Value of tanning substances... Volcanic eruption in Java\*... Waterproofing fabrics. Waterproofing fabrics.... Whale hunt in Shetland..

# TABLE OF CONTENTS OF

# THE SCIENTIFIC AMERICAN SUPPLEMENT No. 409,

For the Week ending November 3, 1883. Price 10 cents For sale by all newsdealers

PAGE I. ENGINEERING AND MECHANICS.—Brent Viaduct. Hounslow and Metropolitan Railway, London.—Full page engraving, besides 

- Second Advisor Andrewski and Advisor Advi
- V. NATURAL HISTORY .- Nordenskjold's Greenland Expedition,-

# A CONVENTION OF INVENTORS.

through the mails addressed to prominent patent owners in October 22 and 23.

The alleged objects of the convention, asstated in the call, are to protect inventors and owners of patents against the encroachments of an organized hostility to our patent laws. Also to promote the introduction of new inventions.

In accordance with the call, the "convention" began its Company, said that inventors were the people who advanced their side; yet they are all veritable grindstones. the interests, prosperity, and civilization of the country United States did not provide for the protection of intellecmade expressly for the purpose of destroying the patent sys-There existed, she said, nearly 100 Western railroad and the boot and shoe manufacturers, sanctioned and encountry should organize to endeavor to secure the rights of when the stone is of the harder sorts, as the Ouachita. intellectual workers, among whom authors and others might be included. During the proceedings Thomas L. Clingman, <sup>†</sup> ex-member of Congress from North Carolina, came in, and stated that he was interested in the movements of the association, as he had taken out patents of electric light in protect themselves.

A committee of five elected Mr. J. A. Price, of Pennsylvania, President of the convention, and Mrs. M. A. Forbes Secretary, Mr. F. W. Warner being afterward appointed Assistant Secretary. Mr. Price said he thought the broadest committee of fifteen to draught the constitution, by-laws, and regulations for the association was appointed, each member being made the representative of a State. A committee of three, to draw up memorials to send to Congress embodying the ideas of the association, was composed of Mr. Price, Mr. Warner, and Mrs. Forbes. A telegram from Mr. E. M. Marble, ex Commissioner of Patents at Washington, was then read. He offered to become permanent president of the association. An Irishman named King, who had been disturbing the harmony but relieving the monotony of the upon them, and called the missive a "sugar coated pill." Kelly rather than to an ex-Commissioner of Patents at sumed; that is, a factory needs and uses a steam engine Washington.

payment of fees was announced. An old lady, Mrs. Harriet we must begin our calculations. F. Donlevy, who is well known in many societies as a lover For the sake of convenience it will probably be better to

introduction of inventions and the supply of legal informa-For several weeks past printed circulars have been sent tion. In the matter of "fostering" inventive talent and "stimulating" inventive genius it would almost seem as if the name of "The Resident Inventors of New York," signed the proposed labor was superfluous, over thirty-two thouby Mrs. M. A. Forbes as secretary, calling for a national sand applications for new patents being filed last year in the convention of inventors, to meet at Lyric Hall, this city, on Patent Office. The existing laws appear to furnish all the stimulants required in that direction.

#### **\*\*\*** THE OIL STONE.

Twenty years ago the oil stone was found only on the joiner's bench and possibly on that of the machinist, and its sole use was the sharpening of the edges of tools. To-day sessions on the 22d ult., about fifty persons being assem-<sup>1</sup> its use has extended beyond this province of edging tools to bled with the object, according to the New York Times, of that of grinding, reducing, finishing; in fact, invading the forming an association to secure for themselves full legal limits of the grindstone, emery, rottenstone, tripoli, and rights and protection against piracy and infringement. reaching almost to rouge. This stone, which is a slate Three lady inventors were present-Mrs. Cunningham, who known in science as novaculite-from novacula, a razor-is has evolved a cloth cutting machine; Mrs. White, the cut and dressed in hundreds of varying forms for differing mother of a washing apparatus; and Mrs. Jones, whose tal- purposes. In any hardware or mechanic furnishing store it ent has found scope in various directions. Mrs. Adams, a may be found in all manner of shapes under the name of lady who is about to bring a play into the world, and who is "slips," adapted for sharpening tools of all forms. In denknown better under the non de plume of Della Dusane, was tists' supply stores it may be seen in twenty or more cylinalso present, presumably with the intention of availing her- drical and circular forms, and so minute as to be used at a self of the benefits of the society, which, when formed, will rapid rate of revolution even between the teeth of dentalextend its privileges to authors. The temporary President, suffering humanity. Some of these cylinders, ovoids, cones, Mr. Dee R. Shryock, of the American Postal Telegraph and edged wheels are so minute that a pea looks large by

In the manufacture and finishing of the metals, the oil more than any other class. He alluded to the Wadleigh bill, stone, or novaculite, plays an important part. Our recent now before the Senate, as being full of unjust discriminations exaction as to fits and measures can hardly be filled except and ungrateful selfishness which fell nothing short of in- by the use of this stone, and it is in demand for truing turned famy. Mrs. M. A. Forbes said that the Constitution of the surfaces and planed areas of iron and brass, slowly grinding down the imperfections left by the finish file and the coruntural workers. There were powerful combinations to-day dum wheel. Recently its powder has largely usurped the place in mechanics' valuation of flour of emery or emery of the higher grades. It is found that a finish ' for fit " can be companies organized to utilize and appropriate, without pay-; readily obtained by its use in much less time than that by ing, the work of the inventors, the grangers, the mill men, the scraper; and that it does not leave embedded particles of quartz or corundum to keep up a perpetual wear. This macouraged by the National Board of Trade. The measures terial is not strictly an oil stone; it can be used with any vethat had been introduced into Congress since 1875 had been hicle, water, benzine, or kerosene oil; it is amenable to all such as to render it imperative that the inventors of this of these. Perhaps its best use is with water, especially

## ..... MAKING WIND POWER AUXILIARY.

-

The subject of storing the wind power evidently attracts much attention, and many suggestions have already been made, but it is manifest that no one has brought forward as America and Europe. He felt the necessity for patentees to yet any plan for doing practically the work intended. The ingenious soul mentioned in our paper of October 13, who runs his arastras with a current of sand, deserves a world of credit, and in his own case has at his command the means desired, for out in New Mexico or Arizona (where he appears to be) sand is to be had in abundance, and is the only title of the association was that of American citizenship. A thing of which that can be said. But alas ! our supply of sand is limited, nor have we always a hillside to which we can raise it, and what we need is something of which we can avail ourselves everywhere.

Now, though the full answer to the question of storage may be too much for us at present, yet if we can contrive to secure a portion of the wind power sufficient to practically reduce the expenses of running our machinery, while we have the same steady supply of power as now, we shall surely have made a step in advance. Some weeks since (July 28), we made some remarks on one means by which proceedings, violently opposed this offer. Hesaw no reason this might perhaps be accomplished. Let us see if figures why Mr. Marble should thrust a telegram in such a manner will show us that the thing is possible to such an extent as to make it worth attempting. We will base our cal-He preferred offering the post of president to Mr. John culations on the same amount of power as that formerly as-

which gives it twenty horse power as its regular motive On the second day, 23d of October, the disturbing element energy. Acting on the plan which we propose, this engine in the shape of the turbulent little Irish agitator, Mr. King, serves as an air compressor, for no other presents itself described by one of the ladies present as a "dynamiter and whereby we may combine the action of the steam and the a bad man," only prevailed at the commencement of the wind in the same movement We need therefore a reservoir proceedings. Mr. King surreptitiously departed when the which shall be common to both, and it is at this point that

of argument for argument's sake, opposed many movements divide our space, two cylinders instead of one, though this with scriptural quotations. A memorial was drawn up to of course is not necessary. A diameter of eight feet with a Congress in respect to existing wrongs and threatened in- height of ten gives us in round numbers 500 cubic feet of justice to a most useful class of citizens. It was petitioned contents. Such a reservoir, built of three-eighths iron, and that skilled persons be employed to make a digest of all the sufficiently fitted to bear a pressure of sixty atmospheres,

Nature of interior of an ice covered continentColonies of the	
Norsemen in Greenland Their disappearance from Greenland.	
-Danish settlementsAttempts to explore interior of Green-	
landGlaciers not permanentIce of the interior of Greenland	
not a glacierProbable flora of interior of this countryObjects	
of the expedition.	6529
VI. HORTICULTUREThe SophorasWith descriptions of the dif-	
ferent species and numerous illustrations, showing forms of trees,	
leaves toward and inferous infistrations, showing forms of trees,	6530
leaves, flowers, etc	0000
be classed as pseudo-guttas	6520
	0000
VII. MEDICINE AND HYGIENEPetroleum in the Officinal Oint-	
ments A paper read by J. P. REMINGTON before the American	6520
Pharmacenticacal Association, giving a series of formulas	6520
Exercise vs. Bantingism. Dietetics for the Sick.—A paper read by Dr. CHAS. M. SELTZER	0520
before the billed alphie County Medical Society - Classification of	
before the Philadelphia County Medical Society.—Classification of food.—Part taken by dietetics in cure of the sick.—Methods of	
dietetic treatment	6591
dietetic treatment. The Diagnosis and Hygiene of Typhoid Fever. By Dr. E. HOCH-	00~1
HEIMERDifficulty in recognizing the diseaseVariable and con-	
stant symptomsCauses of the diseasePrecautions necessary	
to prevent spread of the disease.	5531
VIII. MISCELLANEOUSThe Eye as an Aid in PhotometryUse	
of Various shaped lenses.—Necessity of correcting chromatic aber-	
ration.—Power of accommodation of the eve.—The eve compared	
	6532
<sup>3</sup> Science in AntiquityPerpetual LampsWith engraving	
The Swiss National Exhibition - The buildings - Department of	0003
The Swiss National Exhibition.—The buildings.—Department of byil engineering —St. Gothard Railway.—Swiss railways.—River	
works Town works	6533
The New Cheap Postage Era.	6534
IX. BIOGRAPHYProf. Cayley, President of the British Ausocia-	
tion - With nortrait	6528
tionWith portrait Adolf Erik NordenskjoldA sketch of the life and work of the	
Swedish scientist With portrait.	6528
Direction polonoises	~~~

matter in the library of the Patent Office, with abbreviations will cost about \$450. The two, therefore, holding 1,000 of all inventions, so arranged as to correspond with the classifier we may set at \$900.

sification in the office. It was also asked that the statute This amount of air compressed to the degree stated will which limits the term of a home patent to that of the earli- furnish twenty hore power steadily through a working day 30 est expiring foreign one be repealed. It was urged that the of ten hours, without needing renewal.

President should be given power to conclude arrange-But we do not propose to supply it from the steam engine ments for an international union for reciprocal protection alone or chiefly; we will bring in the wind power. At such and legislation for patents. It was then decided that the point as is convenient wind wheels are erected in number title of the association should be the American Patent Proand extent as required. A simple, solid, durable, and intective Association, its objects being to foster inventive expensive wheel can be built after the following plan: talent, stimulate inventive genius, facilitate inquiry, and A vertical hard wood shaft of twelve feet is firmly supdiffuse information. The association proposes to establish ported at top and bottom, where it revolves freely in combureaus of scientific and legal information, and to promote mon iron bearings. Six (or eight) blades project four feet,

the introduction of valuable discoveries and improvements. plain, solid, of inch pine board. We have thus a wind 32 Mr. E. M. Marble, ex-Commissioner of Patents at Washing- wheel, twelve feethigh, and eight feet in diameter.

ton, was unanimously elected president of the association; A semicircular shield, concentric with the wheel, but of 33 Mr. J. A. Price, First Vice-president; Mr. P. H. McNamee, larger diameter, is fitted with a movable vane. When the Treasurer; and Mr. F. W. Warner, Recording Secretary,  $\pm$  mill is to run at its full speed the vane is so set that, which-**2**8 We suppose the material support of the new institution is ever way the wind blows, the revolving shield leaves con <sup>26 i</sup> to come from the fees and commissions to be charged for the stantly one-half of the mill exposed to its force, and the ful