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McGRAW-HILL DICTIONARY OF SCIENTIFIC AND TECHNICAL TERMS, Fifth Edition

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234567890 DOW/DOW 9987654

ISBN 0-07-042333-4

Library of Congress Cataloging-in-Publication Data

McGraw-Hill dictionary of scientific and technical terms /
Sybil P. Parker, editor in chief..—5th ed.
p. cm.
ISBN 0-07-042333-4
1. Science—Dictionaries. 2. Technology—Dictionaries.
I. Parker, Sybil P.
Q123.M34 1993
503—dc20
93-34772
CIP

INTERNATIONAL EDITION

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but \sqrt{b} and \sqrt{d} are not both rational. Also known as conjugate binomial surds. { 'kän-jə-gət 'rad-ə-kəlz }

conjugate roots [MATH] Conjugate complex numbers which
are roots of a given equation. { 'kän-jə-gət 'rüts }

conjugate ruled surface [MATH] The ruled surface whose rulings are the lines that are tangent to a given ruled surface at the points of its line of striction and are perpendicular to the rulings of the given ruled surface at these points. { 'kän-jə-gət 'rüld 'sər-fəs }

conjugate space [MATH] The set of all continuous linear functionals defined on a normed linear space. { 'kän-jə-gət 'spās }

conjugate subgroups [MATH] Two subgroups A and B of a group G for which there exists an element x in G such that B consists of the elements of the form xax^{-1} , where a is in A. { 'kän-jə-gət 'səb₁grüps }

conjugate system of curves [MATH] Two one-parameter families of curves on a surface such that a unique curve of each family passes through each point of the surface, and the directions of the tangents to these two curves at any point on the surface are the conjugate directions at that point. { 'kän-jə-gət 'sis-təm əv 'kərvz }

conjugate triangles [MATH] Two triangles in which the poles of the sides of each with respect to a given curve are the vertices of the other. { 'kän-jə-gət 'trī,aŋ-gəlz }

conjugate variables [QUANT MECH] A pair of physical variables describing a quantum-mechanical system such that their commutator is a nonzero constant; either of them, but not both, can be precisely specified at the same time. Also known as complementary variables. { 'kän-jə-gət 'ver-ē-ə-bəlz }

conjugon [GEN] Any of a number of different genetic elements in bacterial deoxyribonucleic acid that promote bacterial conjugation and gene transfer. { 'kän-jə,gän }

conjugation [BOT] Sexual reproduction by fusion of two protoplasts in certain thallophytes to form a zygote. [INV ZOO] Sexual reproduction by temporary union of cells with exchange of nuclear material between two individuals, principally ciliate protozoans. [MICROBIO] A process involving contact between two bacterial cells during which genetic material is passed from one cell to the other. { kän'jə'gā-shən } conjunction [ASTRON] 1. The situation in which two celestial

conjunction [ASTRON] 1. The situation in which two celestial bodies have either the same celestial longitude or the same sidereal hour angle. 2. The time at which this conjunction takes place. [MATH] The connection of two statements by the word "and." {kən'jəŋk'shən}

conjunctiva [ANAT] The mucous membrane covering the eyeball and lining the eyelids. { kən'jəŋk·tə·və }

conjunctive matrices [MATH] Two matrices A and B related by the transformation B = SAT, where S and T are nonsingular matrices and S is the Hermitian conjugate of I. { kən'jəŋk*tiv 'mā•trə,sēz }

conjunctive search [COMPUT SCI] A search to identify items having all of a certain set of characteristics. { kən'jəŋk'tiv 'sarch }

conjunctive transformation [MATH] The transformation B = SAT, where S is the Hermitian conjugate of T, and matrices A and B are equivalent. { kən'jəŋk-tiv ,tranz-fər'mā-shən }

conjunctivitis [MED] Inflammation of the conjunctiva. { kən,jəŋk-tə'vīd-əs }

conn [NAV] To direct or conduct the steering of a vessel; to give orders to the helmsman on steering the ship. { kän } connarite [MINERAL] A green mineral consisting of hydrous nickel silicate occurring as small crystals or grains. { 'kän-

connate [GEOL] Referring to materials involved in sedimentary processes that are contemporaneous with surrounding materials. [SCI TECH] Born, originated, or produced in a united or fused condition.

or fused condition. { kə'nāt }
connate leaf [BOT] A leaf shaped as though the bases of two
opposite leaves had fused around the stem. { kə'nāt 'lēf }
connate water [HYD] Water entrapped in the interstices of
igneous rocks when the rocks were formed; usually highly min-

eralized. { kə'nāt 'wòd'ər }
connected graph [MATH] A graph in which each pair of
points is connected by a path. { kə'nek'təd 'graf }

connected load [ELEC] The sum of the continuous power ratings of all load-consuming apparatus connected to an electric

power distribution system or any part thereof. { $k = ne^{-1}$ { $k = ne^{-1}$ }

connected set [MATH] A set in a topological space which is not the union of two nonempty sets A and B for which both intersection of the closure of A with B and the intersection of the closure of B with A are empty; intuitively, a set with only one piece. { ke'nek-tad 'set }

connected space [MATH] A topological space which cannot be written as the union of two nonempty disjoint open subsets. { kə'nek-təd 'spās }

connected surface [MATH] A surface between any two points of which there is a continuous path that does not cross the surface's boundary. { kə'nek'təd 'sər'fəs }

connect function [COMPUT SCI] A signal sent over a data line to a selected peripheral device to connect it with the central processing unit. { kə'nekt ,fəŋk·shən }

connecting bar See tombolo. { kə'nekt-in ,bär }

connecting circuit [ELECTR] A functional switching circuit which directly couples other functional circuit units to each other to exchange information as dictated by the momentary needs of the switching system. { kə'nekt-iŋ, sər-kət }

connecting rod [MECH ENG] Any straight link that transmits motion or power from one linkage to another within a mechanism, especially linear to rotary motion, as in a reciprocating engine or compressor. { kə'nekt-iŋ, räd }

connection box [COMPUT SCI] A mechanical device for attering electrical connections between various terminals, used to control the operations of a punched-card machine; its function is similar to that of a plug board. { ke'nek'shən, bäks } connection gas [PETRO ENG] Gas that is introduced into, a

connection gas [PETRO ENG] Gas that is introduced into a well when the mud pump is shut off in order to make a connection. { kə'nek-shən .gas }

connective tissue [HISTOL] A primary tissue, distinguished by an abundance of fibrillar and nonfibrillar extracellular components. { kə'nek-tiv 'tish-ü }

connectivity number [MATH] 1. The number of points plus 1 which can be removed from a curve without separating the curve into more than one piece. 2. The number of closed cuts or cuts joining points of previous cuts (or joining points on the boundary) plus 1 which can be made on a surface without separating the surface. Also known as Betti number. 3. In general, the n-dimensional connectivity number of a topological with the torsion group $G_n(X)$ forms the homology group $H_n(X)$ { ka,nek'tiv-ad-ē,nam-bar}

connector [COMPUT SCI] In database management, a pointer or link between two data structures. [ELECTR] A switch, or relay group system, which finds the telephone line being called as a result of digits being dialed; it also causes interrupted ringing voltage to be placed on the called line or of returning a busy tone to the calling party if the line is busy. [ENG] 1. A detachable device for connecting electrical conductors. 2. A metal part for joining timbers. 3. A symbol on a flowchart indicating that the flow jumps to a different location on the chart { ka'nek-tar }

connector block [ELECTR] A device for connecting two cables without using plugs, similar to a barrier strip but larger, in which wires from one cable are attached to lugs of screws on one side, and wires from the other cable are fastened to corresponding points on the opposite side. {kə'nek tər ,bläk} connect time [COMPUT SCI] The time that a user at a terminal

 $\begin{array}{lll} \textbf{connellite} & [\texttt{MINERAL}] & Cu_{19}(SO_4)Cl_4(OH)_{32} \cdot 3H_2O & A \text{ deep-}\\ \text{blue striated copper mineral; crystals are in the hexagonal system.} & Also known as footeite. & { 'kän-əl, <math>\bar{i}t$ } \\ \textbf{connexon} & [\texttt{CYTOL}] & Any of the cylindrical channels associated ass

is signed on to a computer. { kə'nekt ,tīm }

ated with gap junctions. { kə'nek,sän }

conning tower [NAV ARCH] 1. The raised observation post of a submarine, which is in addition usually used as an entrance of exit. 2. The armored pilothouse of a warship. { 'kän-iŋ, tair ər }

connivent [BIOL] Converging so as to meet, but not fused into a single part. { kəˈnīv-ənt }

Conoclypidae [PALEON] A family of Cretaceous and Eocene exocyclic Euechinoidea in the order Holectypoida having developed aboral petals, internal partitions, and a high test. { | käir | ō·klə¹pid-ē.ē }

Conocyeminae [PALEON] A subfamily of Mesozoan parassites in the family Dicyemidae. { "kän-ə,sī'em-ə,nē }

CONNATE LEAF



Shape of a connate leaf.

CONNECTING CIRCUIT

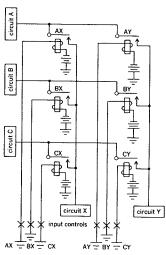


Diagram of a connecting circui



uniformly distributed over a part of phase space ceries lie within an infinitesimal range. { 'mrkro-

kal án'sām'bal }
Any very small capacitor used in school for [ELECTR] Any very small capacitor used in the consisting of a thin film of dielectric usually consisting of a thin film of dielectric and wiched between electrodes. { 'mī-krō-kə'pas- əd-

CHEM ENG] A capsule with a plastic or waxaccording having a diameter anywhere from well below 1 according to over 2000 micrometers. { 'mī-krō,kap·səl }

[GRAPHICS] A type of microtext, consisting of prints 7.5 by 12.5 centimeters in size prepared 16 or 35-millimeter film, commonly at a reduction of 20 [mi-krō,kard]

[CYTOL] A micronucleus within a layer of cytomand a membrane. { 'mī krə,sel }

The centrosome, or a group of centrosome, functioning as the dynamic center of a cell. { 'mī-

interfrom | [MED] An individual with microcephaly.

(mkg/sef-g-t-gs)

The condition of having an abnormally [MED] The condition of having an abnormally made with a circumference less than two standard devia-

ans below the mean. { ,mī·krō'sef·ə·lē }
coceratous [INV ZOO] Having short antennae. { ,mī·

boserous cercaria [INV ZOO] A cercaria with a very

concercous cercaria [INV ZOO] A cercaria with a very

crochannel plate [ELECTR] A plate that consists of exconcly small cylinder-shaped electron multipliers mounted side in ide, to provide image intensification factors as high as 10,000 Also known as channel plate multiplier. { 'mītrochan-al 'plāt }

acrochemistry [BIOCHEM] The chemistry of individual cells and minute organisms. [CHEM] The study of chemical reactors, using small quantities of materials, frequently less than 1 individual cells and organisms. [chem] the study of chemical reactors, using small quantities of materials, frequently less than 1 individual cells and organism or 1 milliliter, and often requiring special small approach and croscopical observation. [mī-krō'kem-strē] accochiroptera [vert zoo] A suborder of the mammalian and Chiroptera composed of the insectivorous bats. [mī-krō'kaptərə]

dect capable of indicating time intervals as small as 1/2000 of tamule; used as a timing device in micromotion studies. { 'mībub'; nāməd-ər}

ecoclicultry [ELECTR] Electronic circuit structures that are orders of magnitude smaller and lighter than circuit structures produced by the most compact combinations of discrete composess. Also known as microelectronic circuitry; microelectronic circuitry. { 'mī-krō'sər-kə-trē }

The flow of blood or lymph in the seeds of the microcirculatory system. { 'mī·krō,sər·kyə'lā·

sktockroulatory system [ANAT] Those vessels of the blood and humphatic systems which are visible only with a microscope. [miktő'sərkyə-lə,tór-ē ,sis-təm]

The local, rather uniform climate aspecific place or habitat, compared with the climate of the climate of which it is a part. { 'mī-krō'klī-mət }

imatology [CLIMATOL] The study of a microclimate, adding the study of profiles of temperature, moisture and wind be lowest stratum of air, the effect of the vegetation and of terbelts, and the modifying effect of towns and buildings.

kAISi₃O₈ A triclinic potassium-rich kksar, usually containing minor amounts of sodium; may be dar, white, pale-yellow, brick-red, or green, and is generally daracterized by crosshatch twinning. { 'mī·krəˌklīn }

oci; chemoorganotrophic organisms with respiratory or fermative metabolism. { 'mi krō käk'sās e,ē }

accode [COMPUT SCI] A code that employs microinstruction and ordinarily used in programming [| mikro kod |

minicomputer. Also known as micro. { 'mī·krō·kəm 'pyüdər }

microcomputer development system [COMPUT SCI] A complete microcomputer system that is used to test both the software and hardware of other microcomputer-based systems. { 'mī·krō·kəm'pyüd·ər di'vel·əp·mənt ,sis·təm }

microconsumer See decomposer. { 'mī-krō-kən'sü-mər } microcontroller [ELECTR] A microcomputer, microprocessor, or other equipment used for precise process control in data handling, communication, and manufacturing. { 'mī-krō-kən'trōl-ər }

microcopy [GRAPHICS] A photographic reproduction that is too small to be read without magnification. { 'mī·krō,käp·ē } microcoquina [PETR] A clastic limestone composed wholly or partially of cemented sand-size particles of shell detritus. { 'mī·krō·kə'kē·nə }

Microcotyloidea [INV 200] A superfamily of ectoparasitic trematodes in the subclass Monogenea. { ',mī-krō,käd-əl'òid-e-ə }

 $\begin{array}{ll} \textbf{microcoulomb} & \text{[ELEC]} & A \text{ unit of electric charge equal to one-}\\ \text{millionth of a coulomb.} & Abbreviated \ \mu\text{C.} & \text{[$'m\bar{\text{T}'kr\bar{\text{O}}'k\ddot{\text{u}},l\ddot{\text{u}}m]}\\ \textbf{microcrack See} & \text{microfissure.} & \text{[$'m\bar{\text{T}'kr\bar{\text{O}}_ikrak$]}$} \end{array}$

microcrystalline [CRYSTAL] Composed of or containing crystals that are visible only under the microscope. { ',mī-krō'krist-əl-ən }

microcrystalline wax [MATER] A petroleum wax containing small, indistinct crystals, and having a higher molecular weight, melting point, and viscosity than paraffin wax; used in laminated paper and electrical coil coating. { 'mī·krō'krist·əl·ən 'waks } Microcyprini [VERT ZOO] The equivalent name for Cyprinodontiformes. { 'mī·krō·sə'prē,nē }

microcyst [MED] A very small cyst. { 'mī·krə,sist }

microcyte [MED] A red blood cell whose diameter or mean corpuscular volume or both are more than two standard deviations below the normal mean. Also known as microerythrocyte. { 'mī-krə,sīt }

microcythemia [MED] Blood characterized by the presence of small red blood cells. { \mī·krō·sī'thē·mē·ə }

microcytic anemia [MED] Any form of anemia in which small erythrocytes occur in the blood. { ',mī·krə',sid·ik ə'nē·mē·ə }

microcytosis [MED] A blood disorder characterized by a preponderance of microcytes. { ,mī·krə·sī'tō·səs }

microdactyly [MED] A condition of abnormal smallness of fingers or toes. { ,mī·krō'dak-tə-lē }

microdensitometer [SPECT] A high-sensitivity densitometer used in spectroscopy to detect spectrum lines too faint on a negative to be seen by the human eye. { 'mī-krō,den-sə'tām-ad-ər }

microdiagnostic program [COMPUT SCI] A microprogram that tests a specific hardware component, such as a bus or store location, for faults. { 'mī-krō₁dī-əg'näs-tik 'prō-grəm }

microdiffusiometer [ENG] A type of diffusiometer in which diffusion is measured over microscopic distances, greatly reducing the time required for the measurement and the effects of vibration and temperature changes. { ,mrkrodə'fyüzrər }

microdisk [COMPUT SCI] A small floppy disk with a diameter between 3 and 4 inches (7 and 10 centimeters). Also known as microfloppy disk. { 'mī·krō,disk }

microdissection [BIOL] Dissection under a microscope. { 'mī·krō·di'sek·shən }

Microdomatacea [PALEON] An extinct superfamily of gastropod mollusks in the order Aspidobranchia. { "mī-krə,dō-mə-'tās-ē-ə }

microearthquake [GEOPHYS] An earthquake with a low intensity, usually less than 3 on the Richter scale. Also known as microquake. { ,mī·krō'ərth,kwāk }

microelectrolysis [РНҮЅ СНЕМ] Electrolysis of small quantities of material. { 'mī·krō·i,lek'trāl-ə-səs }

microelectronic circuitry See microcircuitry. { 'mīˈkrō i.lek'trān-ik 'sərˈkə-trē }

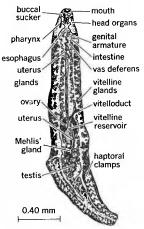
microelectronics [ELECTR] The technology of constructing circuits and devices in extremely small packages by various techniques. Also known as microminiaturization: microsystem

MICROCERCOUS CERCARIA



Drawing of a microcercous cercaria showing small tail. (From R. M. Cable, An Illustrated Laboratory Manual of Parasitology, Burgess, 1958)

MICROCOTYLOIDEA



Ventral view of Heteraxinoides xanthophilis (Hargis), an ectoparasite of the spot fish (Leiostomus xanthurus).

indead of each user getting an individual narrow band. { 'raniak, ses di skret ə'dres }

ist dick baying one band A file which is conand on a disk having one head per track and in which consoutive records are not necessarily in consecutive locations. | ak, ses 'disk , fil }

ndom-access input/output [COMPUT SCI] A technique which minimizes seek time and overlaps with processing.

randəm 'ak, ses 'in, put 'aut, put }

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ndom-access memory [COMPUT SCI] A data storage dene having the property that the time required to access a ransonly selected datum does not depend on the time of the last press or the location of the most recently accessed datum. Also known as direct-access memory; diact-access storage; random-access storage; random storage; miormly accessible storage. { 'ran-dəm 'ak,ses 'mem-rē }

andom-access programming [COMPUT SCI] Programming sthout regard for the time required for access to the storage positions called for in the program, in contrast to minimumccess programming. { 'ran-dəm 'ak,ses 'pro,gram-in }

andom-access storage See random-access memory. { 'raniom ak, ses 'storij }

andom coil [PHYS CHEM] Any of various irregularly coiled olymers that can occur in solution. Also known as cyclic coil. 'ran dəm 'koil)

andom copolymer [ORG CHEM] Resin copolymer in which the molecules of each monomer are randomly arranged in the polymer backbone. { 'ran dəm kō'päl i mər }

andom diffusion chamber See reverberation chamber. { 'ran-(sin di fyü zhən ,chām bər

andom digit [STAT] Digit taken from a table of random ambers according to some specified probability rule. { 'ran-

andom error [STAT] An error that can be predicted only on statistical basis. { 'ran-dəm 'er-ər }

andom experiments [STAT] Experiments which do not alvays yield the same result when repeated under the same confitions. { 'ran·dəm ik'sper·ə·məns }

modom forecast [METEOROL] A forecast in which one of a st of meteorological contingencies is selected on the basis of chance; it is often used as a standard of comparison in determining the degree of skill of another forecast method. { 'randem 'för kast !

andom function [MATH] A function whose domain is an increal of the extended real numbers and has range in the set frandom variables on some probability space; more precisely, imapping of the cartesian product of an interval in the extended reals with a probability space to the extended reals so that each sction is a random variable. { 'ran-dəm 'fəŋk-shən }

andom interstratification [SOLID STATE] A crystalline structure in which two or more types of layers alternate in a andom fashion. { 'ran-dəm ,in-tər,strad-i-fə'kā-shən }

andomization [STAT] Assigning subjects to treatment goups by use of tables of random numbers. { ran·də·mə'zā·

Indomized blocks [STAT] An experimental design in which various treatments are reproduced in each of the blocks and randomly assigned to the units within the blocks, permitting mised estimates of error to be made. { 'ran-də,mīzd 'bläks } indomized jitter [ELECTR] Jitter by means of noise modufran-də,mīzd 'jid-ər }

and online in the state of the pothesis by use of a random variable to decide whether an dervation causes rejection or acceptance. { 'ran-də,mīzd

domizing scheme [COMPUT SCI] A technique of distribrecords among storage modules to ensure even distribution seek time. { 'ran·də, mīz·iŋ, skēm }

length [ENG] One of a group of various lengths of as delivered by the manufacturer, usually 13-23 feet (4-7 long. Also known as mill length. { 'ran dəm 'lenkth } dom line [ENG] A trial surveying line that is directed as sely as circumstances permit toward a fixed terminal point cannot be seen from the initial point. Also known as franchem traverse. { 'ran-dəm 'līn }

arising in control theory. [PHYS] Noise characterized by a large number of overlapping transient disturbances occurring at random, such as thermal noise and shot noise. Also known as fluctuation noise. { 'ran·dəm 'noiz }

random number generator [COMPUT SCI] 1. A mathematical program which generates a set of numbers which pass a randomness test. 2. An analog device that generates a randomly fluctuating variable, and usually operates from an electrical noise source. { 'ran·dəm 'nəm·bər ,jen·ə,rād·ər }

random numbers [MATH] A listing of numbers which is nonrepetitive and satisfies no algorithm. { 'ran-dəm 'nəm-

random ordered sample [STAT] An ordered sample of size s drawn from a population of size N such that the probability of any particular ordered sample is the reciprocal of the number of permutations of N things taken s at a time. ('ran-dəm 'or-dərd

random process See stochastic process. { 'ran dəm 'prä səs } random pulsing [COMMUN] Continuous, varying, pulse-repetition rate, accomplished by noise modulation or continuous frequency change. { 'ran-dəm 'pəls-iŋ }

random sampling [STAT] A sampling from some population where each entry has an equal chance of being drawn. { 'ran-

dəm 'sam·plin }

random-sampling voltmeter [ENG] A sampling voltmeter which takes samples of an input signal at random times instead of at a constant rate; the synchronizing portions of the instrument can then be simplified or eliminated. { 'ran dəm 'sam plin 'völt.mēd·ər }

random sequence [MET] A longitudinal sequence of weld beads deposited in random increments. { 'ran dəm 'sē kwəns } random start [STAT] In a systematic sample, the random selection of a starting point in the first sample block followed by taking that value in the same position in every succeeding block. { 'ran·dəm 'stärt }

random storage See random-access memory. { 'ran-dəm 'storij }

random structure [CRYSTAL] A crystal structure in which different types of atoms are associated with the various points in a crystal lattice in a random fashion. { 'ran·dəm 'strək·

random superimposed coding [COMPUT SCI] A system of coding in which a set of random numbers is assigned to each concept to be encoded; with punched cards, each number corresponds to some one hole to be punched in a given field. { 'randəm ;sü·pər·im'pōzd 'kōd·iŋ }

random traverse See random line. { 'ran-dəm trə'vərs } random variable [MATH] A measurable function on a probability space; usually real valued, but possibly with values in a general measurable space. Also known as chance variable; stochastic variable; variate. { 'ran·dəm 'ver·ē·ə·bəl }

random vector See diverse vector. { 'random 'vektor } random vibration [MECH] A varying force acting on a mechanical system which may be considered to be the sum of a large number of irregularly timed small shocks; induced typically by aerodynamic turbulence, airborne noise from rocket jets, and transportation over road surfaces. { 'ran·dəm vī'brā· shən }

random walk [MATH] A succession of movements along line segments where the direction and possibly the length of each move is randomly determined. { 'ran·dəm 'wok }

random winding [ELEC] A coil winding in which the turns are positioned haphazardly rather than in layers. { 'ran-dəm

Raney nickel [MET] A nickel powder prepared from an alloy of nickel and aluminum in equal parts by preferentially dissolving the aluminum in a warm solution of sodium hydroxide. { 'rā·nē .nik·əl }

rang [PETR] A unit of subdivision in the C.I.P.W. (Cross-Iddings-Pirsson-Washington) classification of igneous rocks.

range [CIV ENG] Any series of contiguous townships of the U.S. Public Land Survey system. [COMMUN] 1. In printing telegraphy, that fraction of a perfect signal element through which the time of selection may be varied to occur earlier or

DOCKET

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Keep your litigation team up-to-date with **real-time** alerts and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

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With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

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