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Sybil P. Parker
Editor in Chief

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664 recoil mechanism

record block

record changer

tube of the recoilless type and a very light mount. { ri'koi·ləs 'rifəl }

recoil mechanism [ORD] A hydraulic-, pneumatic-, or spring-type shock absorber that decreases the energy of the recoil gradually and so avoids violent movement of the gun. ['rē,koil ,mek-ə,niz-əm]

recoil milking [NUCLEO] A technique for detecting transmutation recoil atoms knocked out of a target by heavy-ion bombardment, in which the atoms come to rest in a stream of helium or other gas which carries them through an orifice to a rough vacuum where they are adsorbed on a surface and their radioactivity detected. ['re,koil ,milk-in }

recoil oil [MATER] A neutral, constant-viscosity oil used in hydropneumatic and hydrospring recoil systems. { 'rē,koil oil }

recoil particle [PHYS] A particle that has been set into motion by a collision or by a process involving the ejection of another particle. { 'rē,kóil,pärd;a·kəl }

recoil plt [ORD] Pit dug near the breech of a gun to provide space for the breech when it moves backward during recoil.

| 're,koil,pit |

recoil velocity [ORD] Velocity in recoil of the recoiling parts of a gun. ['rē,koil və,lis-əd-ē]

recombinant [GEN] Any new cell, individual, or molecule that is produced in the laboratory by recombinant deoxyribonucleic acid technology or that arises naturally as a result of recombination. [re/kim/bə/nənt]

recombinant technology [GEN] 1. In genetic engineering, laboratory techniques used to join deoxyribonucleic acid (DNA) from different sources to produce novel DNA. Also known as gene splicing. 2. In genetic engineering, laboratory techniques used to join ribonucleic acid (RNA) from different sources to produce novel RNA. { ri;kim-ba-nant tek'näl-a-jē}

recombination [GEN] 1. The occurrence of gene combinations in the progeny that differ from those of the parents as a
result of independent assortment, linkage, and crossing-over.

2. The production of genetic information in which there are
elements of one line of descent replaced by those of another
line, or additional elements. [PHYS] The combination and
resultant neutralization of particles or objects having unlike
charges, such as a hole and an electron or a positive ion and a
negative ion. [,re,kim-ba'nā-shan]

recombination coefficient [ELECTR] The rate of recombination of positive ions with electrons or negative ions in a gas, per unit volume, divided by the product of the number of positive ions per unit volume and the number of electrons or negative ions per unit volume. { _rē,kām·bo·nā·shon ,kō·i,fsh·ont }

recombination electroluminescence See injection electroluminescence. { ,rē,küm-bə'nā-shən i',lek-trō,lü-mə'nes-əns } recombination energy [PHYS] The energy released when

recombination energy [PHYS] The energy released when two oppositely charged portions of an atom or molecule rejoin to form a neutral atom or molecule. (',rë,käm-bə'nā-shən ,en-ər-jē)

recombination frequency [GEN] The number of recombinants divided by the total number of progeny. { re'kim·bə'nā·shən ,fre-kwən·se }

recombination mosalc [GEN] A mosaic produced as the result of somatic crossing-over. { ,re,käm·bəˈnā·shən mo,zā·ik }

recombination radiation [SOLID STATE] The radiation emitted in semiconductors when electrons in the conduction band recombine with holes in the valence band. [,re,käm·bə'nâ·shən,rād-ē,ā·shən]

recombination repair [MOL BIO] A repair mechanism involving exchange of correct for incorrect segments between two damaged deoxyribonucleic acid molecules. [re,käm·bəˈnā·shən ri,per]

solidated feldspathic residue that has been reworked and decomposed so slightly that upon cementation the rock resembles granite except that its grain is less even and it contains a greater percentage of quartz. Also known as reconstructed granite

{ rē·kəm'pōzd 'gran ət }

recomposed rock [PETR] A rock produced in place by the cementation of the fragmental products of surface weathering for example, a recomposed granite. { rē-ksm'pōzd'rāk } recomputed point of turn [NAV] An altered dead-reckoning position of an aircraft at a turning point, determined after wind has been established by drift observations made before and after

the turn. ['re-kəm,pyüd-əd ,póint əv 'tərn]
recon [GEN] The smallest deoxyribonucleic acid unit capable

of recombination. { 'rē,kān }
reconditioned carrier reception [ELECTR] Method of reception in which the carrier is separated from the sidebands to
eliminate amplitude variations and noise, and is then added at
an increased level to the sideband, to obtain a relatively undistorted output. { ,rē-kən'dish-ənd 'kar-ē-ər ri,sep-shən }

reconditioning [ENG] Restoration of an object to a good condition. (.re-kən'dish-ən-in)

reconnaissance [ENG] A mission to secure data concerning the meteorological, hydrographic, or geographic characteristics of a particular area. [ORD] A mission undertaken to obtain, by visual observation or other detection methods, information about the activities and resources of an enemy or potential enemy. [ri'kin: 9:59ns]

reconnaissance drone [AERO ENG] An uncrewed aircraft guided by remote control, with photographic or electronic equipment for providing information about an enemy or potential enemy. [ri*kin-ərsəns, dron]

reconnalssance map [MAP] A map based on the information obtained in a reconnaissance survey. { fi'kân-o-sons ,map } reconnalssance spacecraft [AERO ENG] A satellite put into orbit about the earth and containing electronic equipment designed to pick up and transmit back to earth information per-

taining to activities such as military. { ri'kān asans 'spās,kraft }

reconnaissance survey [ENG] A preliminary survey, usually executed rapidly and at relatively low cost, prior to mapping in detail and with greater precision. { ri'kän'ə'səns, sər,vä } reconnection [ASTRON] The rejoining of solar magnetic field lines that have been severed at a neutral region. [,rë-kə'nek-

shon }
reconstituted mica [MATER] Mica sheets or shaped objects
made by breaking up scrap natural mica, combining with a
binder, and pressing into forms suitable for use as electrical
insulating material. { rē'kān·sto,tūd·əd 'mī·kə }

reconstitution [COMPUT SCI] The conversion of tokens back to the keywords they represent in a programming language, before generation of the output of an interpreted program. [GEOL] The formation of new chemicals, minerals, or structures under the influence of metamorphism. { re,kän-sta*tis-shan}

reconstructed coal [MATER] Coal formed from crushed or powdered, briquetted lignite or coal, waterproofed with a coaling of nitch of re-kantstraketed [kg]]

ing of pitch. (,rē·kən'strək·təd 'köl)
reconstructed granite See recomposed granite. (,rē·kən'strək·təd 'gran-ət }

reconstructed stone [LAP] A gem material made by the fusing or sintering of small particles of the genuine stone.

kən'strək'təd 'stōn }
reconstruction {solid state} A process in which atoms at
the surface of a solid displace and form bands different from

those existing in the bulk solid. { ,rë-kən'strək-shən } reconstructive processing [INORG CHEM] The spinning of an inorganic compound of an organic support or binder subset.

record changer [ENG ACOUS] A record player to number of records automatically in succession, changer }

record density See bit density; character density.

den sad ē

recorder See recording instrument. [ri'kôrd'ər]
record gap [COMPUT SCI] An area in a storage me
as magnetic tape or disk, which is devoid of info
delimits records, and, on tape, allows the tape to sto
between records without loss of data. Also know
record gap (IRG). ['rek'ərd ,gap]

record head See recording head. { ri'kord ,hed } recording [Sct TECH] 1. Any process for preservi sounds, data, or other information for future referend duction, such as disk recording, facsimile recording recording, magnetic tape or wire recording, and phrecording. 2. The end product of a recording procedure recorded magnetic tape, disk, or record sheet. As secord. { ri'kord-in}

recording balance [ANALY CHEM] An analytic equipped to record weight results by electromagneti motor-driven accessories. (ri'kòrd-iŋ, bal-əns } recording-completing trunk [ELEC] Trunk for e connection from a local line to a toll operator, used fo

the call and for completing the toll connection.

kəm'plēd-iŋ ,trəŋk }
recording density [COMPUT SCI] The amount of de
be stored in a unit length of magnetic tape, usually en
bits per inch or characters per inch. { ri'kôrd-iŋ ,de
recording head [ELECTR] A magnetic head use
recording. Also known as record head. [ENG AC

cutter. { ri'kôrd-in ,hed }
recording instrument [ENG] An instrument the
graphic or acoustic record of one or more variable
Also known as recorder. [ri'kôrd-in ,in-stra-mant
recording lamp [ELECTR] A lamp whose intens
varied at an audio-frequency rate, for exposing variat
sound tracks on motion picture film and for exposin
film in photographic facsimile recording. { ri'kôrdrecording level [ELECTR] Amplifier output level
secure a satisfactory recording. [ri'kôrd-in ,lev-al
recording noise [ELECTR] Noise that is introduce

recording process. { ri'kòrd-in ,nòiz }
recording optical tracking instrument [ENG] C
tem used for recording data in connection with mis

{ ri'kôrd-iŋ 'lap-ta-kal 'trak-iŋ , in-stra-mant } recording rain gage [ENG] A rain gage which aur records the amount of precipitation collected, as a time. Also known as pluviograph. [ri'kôrd-iŋ 'sa recording spot See picture element. [ri'kôrd-iŋ 'sa recording storage tube [ELECTR] Type of cathod in which the electric equivalent of an image can be selectrostatic charge pattern on a storage surface; twisual display, but the stored information can be react later time as an electric output signal. [ri'kôrd-iŋ 's

ther, milm-ed-or]
recording trunk [ELEC] Trunk extending from a lo
office or private branch exchange to a toll office, wh
only for communications with toll operators and no
pleting toll connections. [ri'kôrd-in, tronk]

recording thermometer See thermograph.

pleting toll connections. [ri'kordin trank]

record layout [comput sct] A form showing how

positioned within a record, usually with information

field. ['rek-ord ,lā,aut]

record length {comput sci] The number of che
quired for all the information in a record. { 'rek-ord
record locking [comput sci] Action of a comput sci]