Exhibit 4



Merriam-Webster's Collegiate Dictionary

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pial composite herb (Tussilago farfara) with yellow flower heads ap-

mai composite nero (1usstago farfara) with yellow flower heads appearing before the leaves col-u-brid \kai-y-brad, \kai-\a-\n [ultim. fr. L. colubra snake] (1887); any of a large cosmopolitan family (Colubridae) of chiefly nonvenomous snakes—colubrid adj col-u-brine \a-\brin\ adj (ca. 1528) 1: of, relating to, or resembling a snake 2: of or relating to colubrids; COLUBRID co-lu-go \ka-\frac{10}{10} \cdot (Jg\dagger) \kappa, \rho_g \text{os} [perh. fr. a language of the Philippines] (ca. 1890); FLYING LEMUR col-um-bar-f-um \kappa, \kappa-la-\chi-\text{os} \kappa, \kappa-la-\chi-\text{os} \kappa, \kappa-la-\chi-\text{os} \kappa, \kappa-la-\chi-\text{os} \kappa-la-\

the United States
Co-lum-bi-an \- be-on\ adj (1757): of or relating to the United States or to Christopher Columbus
col-um-bine \- \frac{1}{18a}-loin\ n [ME. fr. ML. columbina. fr. L. fem. of columbinus like a dove, fr. columba dove; akin to OHG holuntar elder tree, Gk kolymbos a small grebe, kelainos black | (14c): any of a genus (Aquilegia) of plants of the buttercup family with irregular showy spurred flowers: as a: a red-flowered plant (A. caerulea) of the Rocky Mountains

Mountains
Columbine \, hin, hen\ n [it Colombina]: the saucy sweetheart of Harlequin in comedy and pantomime
columbite \, ho-'lom-bit, 'kä-lom-\ n [NL columbium] (1805): a btack mineral consisting mostly of iron and aiobium
columbium \, ho-'lom-be-on\ n [NL, fr. Columbia] (1801): NIOBIUM
Co-lumbus Day \, ho-'lom-be-on\ n [NL, fr. Columbia] (1801): NIOBIUM
columbus Day \, ho-'lom-be-on\ n [NL, fr. Columbia] (1801): NIOBIUM
columbus Day \, ho-'lom-be-on\ n [NL, fr. Columbia] (1802): 2: Moserved as a legal holiday in many states of the U.S. in commemoration of the landing of Columbus in the Bahamas in 1492 2: the second Monday in October observed as a legal holiday in many states of the U.S.

ond Monday in October observed as a legal holiday in many states of the U.S.

col-u-mel-la \käl-ya-'me-la\ n. pl -mel-lae \-'me-()l\vec{e}_-, jl\ [NL, fr. L, dim. of columnal (ca. 1755) 1: the central column or axis of a spiral univalve shell 2: the axis of the capsule in mosses and in some liverworts 3 a: the bony or partly cartilaginous rod connecting the tympanic membrane with the internal ear in birds and in many reptiles and amphibians b: the bony central axis of the cochlea 4: the central sterile portion of the sporangium in various fungi (Mucor and related genera)—col-u-mel-lar \-'me-lor\ adj
col-u-mn \-'k\vec{k}\)-yam\ n [ME columne, fr. MF colomne, fr. Loclumna, fr. columna top; akin to L collis hill — more at till [150] 1 a: a vertical arrangement of items printed or written on a page b: one of two or more vertical sections of a printed page separated by a rule or blank space c: an accumulation arranged vertically: STACK d: one in a usu. regular series of newspaper or magazine articles (gossip \cdot)
2: a supporting pillar; esp: one consisting of a usu. round shaft, a capital, and a base 3 a: something resembling a column in form, position, or function (a \cdot of water) b: a tube or cylinder in which a chromatographic separation takes place 4: a long row (as of soldiers) 5: one of the vertical lines of elements of a determinant or matrix — col-ummed \-lond, -yomd\
adj (1728) 1: of, relating columnar \ks-'lom-nar\ adj (1728) 1: of, relating columnar \ks-'lom-nar\ adj (1728) 1: of, relating columnar \ks-'lom-nar\ adj (1728) 1: of, relating

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adj co-lum-nar \kə-'ləm-nər\ adj (1728) 1: of, relating to, resembling, or characterized by columns 2: of, relating to, being, or composed of tall narrow somewhat cylindrical or prismatic epithelial cells co-lum-ni-a-tion \kə-ləm-nā-'a-shən\ n [prob. fr. inter-columniation] (1664): the employment of the arrangement of columns in a structure

columniation] (1664): the employment of the arrangement of columns in a structure columnist \%\alpha\: align=\mathrm{n}\) is a structure columnist \%\alpha\: align=\mathrm{n}\) is the also \%\alpha\: align=\mathrm{n}\) is the also \%\alpha\: align=\mathrm{n}\) is the also \%\aligna\: align=\mathrm{n}\) is the also \%\aligna\: align=\mathrm{n}\) or ole aminist \(n \) (1920): one who writes a newspaper or magazine column—columnist \text{tc} \\ \lambda\: align=\mathrm{n}\) is the also \\ \kalign=\mathrm{n}\) and colsaet, fr. coole cabuse + \(\text{xet}\) seed (1712) 1: any of several coles; \(\text{exp}\) : one (as rape) producing seed used as a source of oil 2: \(\text{APPSEED}\) com—or coll-or com-prefix [ME, fr. OF, fr. L, with, together, thoroughly—more at coll-with: together; jointly—usu. \(\text{com}\)—before before 1 (\(\text{collinear}\)), and \(\text{con}\)—before other sounds (\(\text{conscentrate}\)).

w, p. or m (commingle), col-before ! (collinear), and con-before other sounds (concentrate)

co-ma (kō-mə\ n [NL, fr. Gk kōma deep sleep] (1646) 1: a state of profound unconsciousness caused by disease, injury, or poison 2: a state of mental or physical sluggishness: TORPOR

coma n, pi co-mae \.mē, _mii\ [L, hair, fr. Gk komē] (1669) 1: a state of mental or physical sluggishness: TORPOR

coma n, pi co-mae \.mē, _mii\ [L, hair, fr. Gk komē] (1669) 1: a state of mental unch (as of branches, bracts, or seed hairs) 2: the head of a comet usu. containing a nucleus 3: an optical aberration in which the image of a point source is a comet-shaped blur — co-mat-ic \kō-ma-tik\ adj

tik\ adj Co-ma Ber-e-ni-ces \'kô-ma-,ber-o-'ni-(,)sëz\ n [1. (gen. Comae Bere-nices), lit., Berenice's hair]: a constellation north of Virgo and between

nices), lit. Berenice's hair]: a constellation north of Virgo and between Boötes and Leo co-maker \(\lambda_i\)kö-'mā-kor\ n\ (ca. 1934): one that participates in an agreement; specif: one who stands to meet a financial obligation in the event of the maker's default.

Co-man-che \(\lambda_i\)countern Paiute \(\lambda_i\)manche or Comanches [AmerSp. fr. Southern Paiute \(\lambda_i\)manche; Shoshones, strangers] (1806) 1: a member of an American Indian people ranging from Wyoming and Nebraska south into New Mexico and northwestern Texas 2: the Uto-Aztecan language of the Comanche people co-mate \(\lambda_i\)kö-ma-\(\lambda_i\)co-mate(\lambda_i\)kö-ma-\(\lambda_i\)kö-ma-\(\lambda_i\)co-mate(\lambda_i\)kö-ma-\(\lambda_i\)kö-ma-\(\lambda_i\)co-mate(\lambda_i\)kö-ma-\(\lambda_i\)co-material (\lambda_i\)co-material (\lambda_i\)co-material (\lambda_i\)co-material (\lambda_i\)co-mate

ridge of a roof) resembling the comb of a cock 3: HONEYCOMB—combled Vkörnd\ adj—comb-like \köm-lik\ adj
2comb w (14c) 1: to draw a comb through for the purpose of arrang,
ing or cleaning 2: to pass across with a scraping or raking action 3
a: to eliminate (as with a comb) by a thorough going-over b: to
search or examine systematically 4: to use in a combing action ~ w
1 of a wave or its crest: to roll over or break into foam 2: to make a
thorough search \(\lapha \text{chrough the classified ads} \)
'com-bat \(\käm-\bat\) hat\(\lapha \text{(1546)} 1: a fight or contest between individuals or groups 2: COMFLICT, CONTROVERSY 3: active fighting in a war
2 com-bat \(\kam-\bat\) hat\(\lapha \text{(into Contraversy 3: active fighting in a war
2 com-bat \(\kam-\bat\) hat\(\lapha \text{(into Morabettee, fr. 1. com + bar.
ting \(\lapha \text{(morbitatee, fr. (assumed) VI. combattere, fr. 1. com + bar.
tuere to beat\(\lapha \text{(if 164)} : to engage in combat: \text{Fight} \to \widetilde \widetilde \text{(morbitatee, fr. 1. com + bar.
tuere to beat\(\lapha \text{(if 164)} : to engage in combat: \text{Fight} \to \widetilde \widetilde \text{(morbitatee, fr. 1. com + bar.
tuere to beat\(\lapha \text{(if 164)} : to engage in combat: \text{Fight} \to \widetilde \widetilde \text{(morbitatee, fr. 1. com + bar.
tuere to beat\(\lapha \text{(if 164)} : to engage in combat \(\text{Fight} \text{(morbitatee, fr. 1. com + bar.
tuere to beat\(\lapha \text{(if 1825)} 1: \text{ relating to combat \(\text{\combat Nimin} \text{(morbitatee, fr. 1. com + bar.
tuere to beat\(\lapha \text{(if 1825)} 1: \text{ relating to combat \(\text{\combat Nimin} \text{(morbitatee, fr. 1. com + bar.
tuere to beat\(\lapha \text{(if 1825)} 1: \text{ relating to combat \(\text{\combat Nimin} \text{(morbitatee)} \) at \(\text{(if 1825)} 1: \text{ relating to combat \(\text{\combat Nimin} \) at \(\text{(if 1820)} 1: \text{ a traumatic psychoneuroric reaction or an acute psychotic reaction occurring under conditions (as wartime combat\(

comb-er \ko-mər\ n (ca. 1682) 1: one that combs 2: a long curling wave of the sea com-bi-na-tion \kam-bə-'nā-shən\ n, often attrib (14c) 1 a: a result or product of combining; esp: an alliance of individuals, corporations, or states united to achieve a social, political, or economic and b: two or more persons working as a team 2: an ordered sequence: as a: a sequence of letters or numbers chosen in setting a lock; also: the mechanism operating or moved by the sequence b: a rapid sequence of punches in boxing c: any subset of a set considered without regard to order within the subset 3: any of various one-piece undergarments for the upper and lower parts of the body — usu used in pl. 4: an instrument designed to perform two or more tasks 5 a: the act or process of combining: esp: that of uniting to form a chemical compound b: the quality or state of being combined — com-bi-na-tion-all v-shinal--na-n'loud (1815) as the com-bi-na-tion shot n (ca. 1909); a shot in pool in which a ball is pocketed by an object ball com-bi-na-tor-ial \kam-bo-na-tior-\kam-bo-na

com-bi-na-tor-ics \"tor-iks, "tar-\n pi but sing in constr (1951): combinatorial mathematics
com-bi-na-tor-y \kam-bi-na-,tōr-ē, -tōr-\ adj (1647): COMBINATIVE
'com-bine kæm-bin\ vb com-bined; com-bin-ing [ME, fr. MF com-biner, fr. L. com-bint it wo by two — more at BIN-]
vr (15c) 1 =: to bring into such close relationship as to obscure individual characters: MRRGE b: to cause to unite into a chemical compound c: to unite into a single number or expression (~ fractions
and simplify) 2: INTERMIX, BLEND 3: to possess in combination ~
vi 1 =: to become one b: to unite to form a chemical compound
2: to act together syn sec JOIN — com-bin-able \"bi-na-bal\"adj —
com-bin-er n

and simplify 2: INTERMIX, BLEND 5: to possess in combination—
vi 1 a: to become one b: to unite to form a chemical compound
2: to act together syn see ion—com-bin-able \"bi-no-bol\ adj—
com-bin-er n

com-bine \"kim-bin\ n (1886) 1: a combination esp of business or
political interests 2: a harvesting machine that heads, threshes, and
cleans grain while moving over a field

com-bine \"käm-bin\ w com-bined; com-bin-ling w (1926): to
harvest with a combine \"w'; to combine a cropcombing \"kō-min\ w r of combine a cropcombings \"kō-min\ n (1857): long-staple strong-fibered wool found suitable for combing and used esp. in the manufacture of worsteds
combining form n (1884): a linguistic form that occurs only in compounds or derivatives and can be distinguished descriptively from an
affix by its ability to occur as one immediate constituent of a form
whose only other immediate constituent is an affix (as cephal-in cephalic) or by its being an allomorph of a morphene having another
allomorph that may occur alone or can be distinguished historically
from an affix by the fact that it is borrowed from another language in
which it is descriptively a word or a combining form
comb belly n (ca. 1889): CTENOPHORE
com-bust \"kam-bost-bost-bol\"kam-(),bo\"ko-m-bost-bol\"kam-(),bo\"ko-m-bost-bol\"kam-(),bo\"ko-m-bost-bol\"kam-(),bol\"ko-m-bost-bol\"kam-(),bos-to-bol\"kam-(),bol\"ko-m-bost-bol\"kam-(),bos-to-bol\"kam-(),bol\"ko-m-bost-bol\"kam-(),bos-to-bol\"kam-(),bol\"ko-m-bost-bol\"kam-(),bos-to-bol\"kam-(),bol\"ko-m-bost-bol\"kam-(),bos-to-bol\"kam-(),bol\"ko-m-bost-bol\"kam-(),bos-to-bol\"kam-(),bol\"ko-m-bost-bol\"kam-(),bos-to-bol\"kam-(),bol\"ko-m-bost-bol\"kam-(),bos-to-bol\"kam-(),bol\"ko-m-bost-bol\"kam-(),bol\"ko-m-bost-bol\"kam-(),bol\"ko-m-bost-bol\"kam-(),bol\"ko-m-bost-bol\"kam-(),bol\"ko-m-bost-bol\"kam-(),bol\"ko-m-bost-bol\"kam-(),bol\"ko-m-bost-bol\"kam-(),bol\"ko-m-bost-bol\"kam-(),bol\"ko-m-bost-bol\"kam-(),bol\"ko-m-bost-bol\"kam-(),bol\"ko-m-bost-bol\"kam-(),bol\"ko-m-bost-bol\"kam-(),bol\"ko-m-bo

chamber

| come \kann \ b came \kann\; come; com-ing \kannin \ [ME, fr. OE cuman; akin to OHG queman to come. L ventre, Gk bainein to walk, go] vi (bef. 12c) 1 s: to move toward something: APPROACH (~ here) b: to move or journey to a vicinity with a specified purpose (~ see us) (~ and see what's going on) c (1): to reach a particular station in a series (now we ~ to the section on health) (2): to arrive in due course (the time has ~) d (1): to approach in kind or quality (this ~s near perfection) (2): to reach a condition or conclusion

scalare \sk-lar-e.-ler. -ler. -lar-\ n [NL, specific epithet, fr. L, neut. of scalaris, fr. the barred pattern on its body] (1928): a black and silver laterally compressed So. American cichlid fish (Pterophyllum scalare)

scalare \kks-lar.é. -ler. -l'ac.\ n | NL. specific epithet, fr. L. neut. of scalaris; fr. the barred pattern on its body (1928): a black and siver laterally compressed So. American cichlid fish (Perophyllum scalare) popular in aquarium; scalar-i-form (1826): resembling a ladder esp. in having transverse bars or markings like the rungs of a ladder (~ cells in plants) — scalars of the product n (1878): a real number that is the product of the lengths of two vectors and the cosine of the angle between them — called also date product, inner product scalar-wag \ks.l.i-wag \ks.l.i-

Scale n [Secale] (ca. 1587) I obs: ESCALADE 2: an estimate of the amount of sound lumber in logs or standing timber scale armor n (1842): armor of small metallic scales on leather or cloth

cloth

Scale-down \ska(a)!-daun\ n (1931): a reduction according to a

fixed ratio (a ~ of debts)

fixed ratio (a ~ of debts)

Pare LAC

Pare L

(1734) of a triangle: having the three sides of unequal length — see TRIANGLE illustration

See TRIANGLE illustration

1: one that scales 2: a dental instrument for removing tartar from teeth 3: an electronic device that operates a recorder or produces an output pulse after a specified number of input impulses.

at all lower levels section of the capaniary to accompnish nems at all lower levels scalp \skalp \n [ME. of Scand origin; akin to ON skalp sheath; akin to MD skelpe shell] (14c) 1 a; the part of the integument of the human scale shell] (14c) 1 a; the part of the integument of the human scale shell or responding to the human scalp 2 a; a part of the human scalp with attached hair cut or torn from an enemy as a token of victory (as by Indian warriors of No. America) b; a trophy of victory or accomplishment 3 chiefly Scot; a projecting mass of bare ground or rock scalp w (1676) 1 a; to deprive of the scalp b; to remove an upper part from 2; to remove a desired constituent from and discard the rest 3; to buy and sell so as to make small quick profits (~ stocks) (~ grain); esp; to resell at greatly increased prices (~ theater tickets) ~ wi 1; to take scalps 2; to profit by slight market fluctuations — scalp-or n

scalp-er n
scalp-er n
scalp-er n
scalp-er n
scalpel \'skal-pal also skal-pel\ n [L scalpellus, scalpellum, dim. of
scalper, scalprum chisel, knife, fr. scalpere to scratch, carve] (1742): a
small straight thin-bladed knife used esp. in surgery
scalp lock n (1826): a long ruft of hair on the crown of the otherwise
shaved head esp. of a warrior of some American Indian tribes
scalp \'skal-le\ adj scal-le-er; -set (14c) 1 a: covered with, composed
of, or rich in scale or scales h: FLAKY 2: of or relating to scaly animals 3: DESPICABLE, POOR 4: infested with scale insects \(\sim \text{fruit} \)
scali-inses n
scali-inses n
scali-inses n

scal-i-ness n scally anteater n (1840): PANGOLIN scally anteater n (1840): PANGOLIN scam '\skam' n [origin unknown] (1963): a fraudulent or deceptive act or operation (an insurance ~) scam-mo-nay '\ska-m-ne' n, pl -nles [ME scamonie, fr. OE scammoniam, fr. L scammonia, fr. Gk skammonia] (bef. 12c) 1: a twining convolvulus (Comolyulus scammonia) of Asia Minor with a large thick root 2 a: the dried root of scammony b: a cathartic resin obtained from scammony

root 2 a; the dried root of scammony 0: a came to root stained from scammony scamp \skamp\n [obs. scamp to roam about idly] (1808) 1: RASCAL ROGUE 2: an impish or playful young person — scamp ish \skamp\n could be recomplished.

pish\ adj scamp w [origin unknown] (1837): to perform or deal with in a hasty, neglectful, or imperfect manner scam-per-sing \-p(o-)riny\ frob. fr. obs. D schampen to flee, fr. MF escamper, fr. It scampare, fr. (assumed) VL escampare to decamp, fr. L ex- + campus field] (1691): to run nimbly and usu, playfully about scamper n (1697): a playful or hurried run or movement scam-pi \(\frac{1}{2} \) scamper n \(\frac{1}{2} \) (3 \) scamper n \(\frac{1}{2} \) (3 \) is playful or hurried run or movement scam-pi \(\frac{1}{2} \) scamper n \(\frac{1}{2} \) (3 \) SHRIMP, exp: large shrimp prepared with a garlice flavored sauce scan-pi \(\frac{1}{2} \) scanned; scan-ning [ME scannen, fr. LL scandere, fr.

scan \skan \vb scanned; scan-ning [ME scannen, ir. LL scandere, fr. Lt. to climb; akin to MIr sceinnid he springs, Skt skandati he leaps] vt [14c] 1: to read or mark so as to show metrical structure 2: to examine by point-by-point observation or checking: a: to investigate thoroughly by checking point by point and often repeatedly (a fire lookout scanning the hills with binoculars) b: to glance from point to point of often hastily, casually, or in search of a particular item \(\cdots \) to examine as photometer or a beam of radiation usu, to obtain information b: to pass an electron beam over and convert (an image) into variations of electrical properties (as voltage) that convey information electronically c: to pass over in the formation of an image (the electron beam \(\cdots \) the picture tube) \(\cdots \) vi 1: to scan verse 2: to conform to a metrical pattern syn see SCRUTINIZE - scan-na-bile \)

\ə\ abut \^\ kitten, F (able \ər\ further \a\ ash \ā\ ace \ä\ mop, mar \au\ out \ch\ chin \e\ bet \c\ easy \g\ go \i\ hit \i\ ice \j\ job \n\ sing \o\ go \o\ law \oi\ boy \th\ thin \the \ii\ loot \u\\ foot \y\ yet \zh\ vision \a, k, ", ce, ce, ue, ce, \te, \text{\tension}\ see Guide to Pronunciation

