 butecond, Iclsing the construction of the har, $F$, and the plate, $G$,

28,637.-W. H. Noyes (assignor to H. T. Litchfield) of Boston, Mass., for an Improved Gage for Filling Barrels:
I claim combining with the filling tube, A, the groove or chamber,
B, and its fiout, C , furnished with an adjustable glide or indicator, ${ }^{\text {aj }}$,
28,638.-J. C. Reed (assignor to himself and S. E.
Hutchison), of Cincinnati, Ohio, for an Improvement in Picks


\section*{| gppring |
| :--- |
| get fortli. |}

28,639.-J. F. Schuyler (assignor to W. E. Lockwood),
of Philadelphia, Pa., for an Improved Arparatus for Dressing Grindstones:

 substantiully in the wan (ior the
28,640.-John Ticbout (assignor to himself and William Tiebout), of Brooklyn, N. Y., for an Improved Bunf-cutter:

 the purpose showu and described.
(Tine object of this invention is to cut different sized bungs or corks With the same set of cutters, and it consists in arranging the cutters
un bent arms which are attached to movable hinges fastened to a un bent arms which are attached to movable hinges fastened to a
disk that is rigidly gecured to the driving sbaft, and which blide up and down in adjustable guides that are secured to another disk, so that the points of the cutters are spread or brought closer together a the bent portions of the arms passes through said guides, and that bs adjusting the guides and the movable hinges different sized bung or corks mas be cut.]
28,641. -Joshua Turner, of Cambridgeport, Mass., as
signor to himself, F. Guild, E. C. Daniell and
proved Machine for Buffing and Reducing Leather
I claim the combination of the rotary grinder, B, the bed roller, $\mathbf{E}$,
 sise claim the application of the feed and bed rollers to a rocker
frame, or its equivalent, and combining therewith devicea sub

 means. 1 alao claim supporting one of the rocker frame bearings in a slider and providing sucf, with adjusting screws, the same being for th
purpose as specified.

The New York Rubber Company, of New York City assignees of C. H. Hinckley, of Stonington, Conn.
for an Improved Coating for Hose-pipe. Patented for an inproved
Sept. 29,1857:
I clasimconatractiog hose of fiexible tubing of textile and fibrous coating on the outside of the cloth or other ophpe first applying said
the coating pipe by drawling it over and through a metallic cy cyerining the coating pipe py irawing in over and
or otherwise suitably inverting the same
Jacob Swartz, of Buffalo, N. Y., for an Improvement in Grain and Grass Harvesters. Patented Nov. 14, 1854:
I claim, first, The combination of the main frame, A, carrying the
cutting appatutu4, and the finger bar, $\mathbf{c}$, with the vibratable coupling

 equivalent; the whole arrwaged and operating as specified for each
oraallof the purpose8 set fortlic
Third, The comblnation of the majn frame, $A$, finger bar, $C$ and cutter bar, $y$, when the bar is connected to the $A$, manger bar, C, and frame by the
vibratable coupling arm, $Q$, and the whole is arranged eo that the vibratable coupling arm, $Q$, and the whole is arranged eo that the
relation between the finger and cutter bars is not materially changed
in raiging and lowering the cutting apparatus, substantially as deFcrive
Furth, I claim the combination of the main frame, $A$, ghoe of
shield. and the vibratable counting arm, $Q$, or its equivalent for the purpoge set forth. for the purpose set forth
Fifin, Claini the combination of the short finger b r, C , and the the
shoe or shield, Co connected to the main frame by a hinged srm, with the main trame, , when the several parts are constructe,
arranged and operate in the manner and for the pur ses geecified. Sixth, I claim the combination of the short finger bar, ${ }^{\text {St }}$, the sho C divider, ${ }^{2}$, and main frame A, when the siaid finger bar, \& hoe
and divider are each constructed in the peculiar man mer pectified. and divider are each con
nnd the whole arrauged
the purposes described.
Cyrenus Wheeler, Jr., of Poplar Ridge, N. Y., for an Improvement in Grain and Grass Harvesters. Pat ented Feb. 6, 1855:
Ii claim, first, So combiuing a hinged finger bar and main frame,
 without leaving his position, raise up ether end of the finger bar
lndependently of its other end, or raise up both ends thereof at pleasure, substantially as described.
Second, I claim the patiform bar, $Q$ as a means of securing the platform to the finger beam, and for gitrengthening soid finger beam
whipn it has the patform corry, subetantially as described.
Third, I claim the inclined caster wheel, $S$, arrianged as represented Third, I claim the inclined caster wheel, S, arranged as represented
and in combination with the platform, whereby the latteri is elevated
owhen the machine 18 being turned short around to the right, substan-
tially as described, in combination with a finger beam and platform
FOurth, I claim, in
placed in rear of the main supporting wheel, the two casters, $\mathbb{N} S$, ar phaced in rear of the main supporting wheel, the two cazters, Ni S, ar-
ranged as described, for allowing the machine to turn short round to
the right for the purpose specified. the rifht for the purpose specified.
Fifh, I claim a revolving track
ground wheel through gearing substantially as deseritred.
C. H. McCormick, of Chicago, IIl., assignee of L. J McCormick, W. S. McCormick and C. H. McCor mick, for an Improvement in Reaping
Machines. Patented May 11, 1858:
 carries the fingers made thin, that the sickle maryact upon and cu
 kepp the entiting edpe of the sickle clear of obstructiong, whilstat the
same time it caan have access to leuning grass, all substantially as de-
ccribods
H. McCormich, of Chicago, II., assignee of L. J.
McCormick, W. S. McCormick and C. H. McCor-
mick, for an Improvement in Reaping and Mowing mick, for an Improvement in Reaping and Mowing Machines. Patented May 11, 1858
 ting apparatus proje ctin on one side thereof and carrying the other
portion of the geaning, the whole arauged substantially as and for the purpose specified.
Second, An improvement adapting the machine to reaping grain
consisting in the combination of the main frame carr nsisting in the combination of the main frame carrying one portio lug apparatus projecting on one side the of with aluxiliary fram vork, the other portion of the gearing, the driving wheel, a pivotel
rempecton for uniting the two portions of the gearing, and the two
rames, and the toothed hinged sector and detentto provide for thitsrames, and the toothed hinged sector and detentto privide for qhilt.-
ng the main frame and platororm to, and holding them at diferent
hight, substantially as described.
Third, An improvement applicable to the machine when adapted for either mowing grass or reaping grain, and consisting of the corm-
bination of the sector with the reversible detent, adspated to performm iag the double daty of detent and guide, substantially as described. . H. McCormick, of Chicago, IIl., assignec of L. J McCormick, W. S. McCormick anding and Mowin mick, for an Improvement 11 1858: I claim the guard finger having a thin
C. H. M,
C. H. McCormick, of Chicago, Ill., for an Improvemen in Machines for Cutting Grass, \&c. Patented Sept. 21, 1858.
I claim the combination of the sickle having the scalloped or in-
dented edge and serrated reversed teeth, with a series of finger having the back reversed angles for supporting the grin or grass to

C. H. McCormick, of Chicago, Ill., for an Improvemen in Cutting Apparatuses for Macnines for Cutting Grass, \&c. Patented Sept. 21, 1858 :
I claim the combination of a series of glotted fingers with a vibrat ing scalloped cutter, havizg projections on both its upper and unde
ides to facilitate the detachnuett and discharge of clogging matter aubstantially as described.
C. H. McCormick, of Chicago, Ill., for an Improvement in Machines forCutting Grass, \&c. Pitented Sept. 21, 1858:
I claini, in the combined blade and bar ofa acalloped vibrating cut-
ter, making the bar extend behhind the blade, autatatitialty as de-
EXTENSION.
Daniel Carmichael, of Brooklyn, N. Y., and Jason C
in Dredging Machines. N. Y., for an Improvemen In Dredging Machines. Patented May 30, 1846: I claim the manner described in which we have connected and
combined the geraper staffor arm with the mahine sothatit mnj be
raieed or lowered fy means of the racke and piniona (by the aid of raieed or lowered oy means of the racke and pinione (by the aid of
the triangular piece), arranged and operating as aet forth, thereby
dispensing entirely with the hollow mast and with the toothed gear ingensing entirely with the hollow mast and with the tothed gear
ing and chain combined with said mast as used for that purpose
in the original mach ne ot Otis.
 June 5tb, we recognize ingary-zarent of the number wblch were sol dited through this office. - Fins.

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At the Scientific Americau Office on account of Patent J. C. C business, for the week ending Saturday, June 9, 1860 :J. C. C., of Conn., $\$ 73$; J. H., of Pa, $\$ 25$; J. R. C., ot Ind., $\$ 20$ of La., $\$ 55$; L. E., of Mich., $\$ 45$; J. K., of N. Y., $\$ 25$; E. C. C., of Mass., $\$ 10 ;$ H. \& F., of Ga., $\$ 28$; B. J., of K K.. $\$ 25 ;$ C. V. S., of
III., $\$ 30 ;$ Mc. \& J., of N. J., $\$ 30 ;$ J. A. V., of Cal., $\$ 25 ;$ C. A. T. of III., $\$ 25$; G. K. P., of Mase., $\$ 30$; J. O. C., of Cunn., $\$ 26$; H. P., of N. J., $\$ 25$; J. M., of N. Y., $\$ 75$; S. T. V., of R. I., $\$ 25$; M. \&
B., of R. I., $\$ 30$; F. H., of S. C., $\$ 30$; J. P. A., of Ga.. $\$ 25$; N. M., of Ohio, $\$ 25$; W. W. M., of $\mathrm{MI} ., \$ \$ 30$; J. H. S., of Ia., $\$ 20$; J. S D., of Ohio, $\$ 30 ;$ G. W. R., of N. Y., $\$ 100$; E. W. F., of La., $\$ 25$
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of Iowa, $\$ 20$ J. P. M., of III., $\$ 10 ;$ J. P. H., of La, $\$ 15 ;$ L W Vt., $\$ 30$; T. W., of Iowa, $\$ 25$; P. F., of Mies., $\$ 30 ; \mathrm{S}$. E T., of N J., $\$ 30$; J. G., of Ma8s., $\$ 35$; J. B. L., of N. J., $\$ 30$; E. L. P., Coun., $\$ 30$; C. D., of Mass., $\$ 5$; D. B., of Mich., $\$ 25 ; \mathbf{K}$. \& $\mathbf{H}$. , N. Y., $\$ 25$; N. Q. M., of Wis., $\$ 25$; G. A. L., of IIL. $\$ 25$; J. H., Iowa, $\$ 30$; D. W. M. L., of Ohio, $\$ 25 ;$ F. A. G., of Ill., $\$ 25$; C. B
C., of Mass., $\$ 30$; G.. Van C., of N. J., $\$ 28$; B. S. P., of Conn., $\$ 15$ J. S. B., of N. Y., $\$ 25 ; \mathrm{O}$. \& W., of Ill., $\$ 30$; O. \& L., of N. Y., $\$ 25$;
J. S. McC., of N, Y., $\$ 40$ J. M., of N. Y., $\$ 30$; A. O., of Pa., $\$ 70$.

Specifications, drawings and models belonging to par tics with the following initials have been forwarded to the Paten Offiee during the week ending Saturday, June 9, 1860:
H. \& P., of N. J.; A. P. T., of Ga.; E. A. L., of L. I.; C. T. P., of IA.; II. \& F., of Ga.; T. \& S., of Ill.; J. S. of Lll.; L. \& W., f Pa.; W. T., of Conn.; J. P. A. of Ga.; P. N. B., of N. Y.; J. P. H., of La.; J. K., of N. Y.; C. A, T., of IlL.; E. G. E., of Wis.; A., of Wis.; E. C. C., of Mass.; N. M., of Ohio; W. W., of Wis.; J. G., of Maes.; W. I. A., of Iowa; M. B., of N. H.; J. M., of N. Y. (3 cases) ; D. W. L., of Ohio; A. L., of Mich.; N. Q. M., of Wis.; J of N. J.; F. A. G., of III.; G. A. L., of III.; O. \& L., of N. Y.; J. S. McC., of N. $\mathbf{Y}_{;}$A. $\mathrm{O}_{\text {, of }} \mathrm{Pa}$.

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