

THE CALIFORNIA SMUT MACHINE

IS CONSIDERED

The Best Separator and Smutter

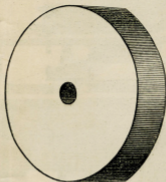
EVER YET INVENTED IN AMERICA.

PRICE, - - \$125.00

WILL SMUT FROM 20 TO 30 BUSHELS PER HOUR.

PROOF STAFFS, 4½ feet long, in Cases,	- -	\$13 00
“ “ “ with Spirit Level,	- -	14 00

COLOGNE STONES.



These Stones are solid, and not quite as hard as French Burr Stones. They are imported from the quarries of the following sizes, viz. :

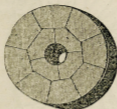
18 inch	Diameter, 4 and 6 inch thick.		
20	"	"	"
22	"	"	"
24	"	"	"
30	"	6, 12, 16 & 18	"
36	"	8 & 18	"
42	"	9 & 18	"
48	"	10 & 18	"

They are used for shelling Barley, and beat the Scotch Stones for shelling Oats. Also used for grinding Mustard and Oil Seeds, likewise Chasers to pulverize drugs, &c.

OATES' TRUE WAY OF **BALLANCING MILL STONE RUNNERS.**

In the first place, it is necessary to have the bale set true in the centre of stone (also bear in mind, it is easier to balance a stone with a deep bale than a shallow one). Secondly, turn off the back true to the face. To do so, place two boards, one inch thick on the bed stone, one on each side of the spindle: while turning the back, the whole of the face of the runner must be rubbing on these two boards; and while turning off the back, let the stone run as slow as possible, so that the face of the stone will be on a level with the boards. In doing so, you will have the back turned true to the face. After you have the back turned true, raise the runner clear of the boards, and run the stone at full speed. Then hold a pencil to the back, and find out where the stone is light, in the centre of pencil mark and as near the skirt of stone as possible, and only just under the back. Run lead little by little until the stones run true. When you have the running balance in, and not before, put in the standing balance. To find the place to put in the standing balance, when the stone is at rest, raise the runner clear, say one inch above the bed stone. Now find how many pounds put on the light side will bring the stone even. Immediately below, and close inside the hoop, and exactly on a line with the cockhead of the spindle, will be the place to put in the standing balance. No matter how much it is necessary to put in, if put opposite, and on a level with top of cockhead, the standing balance will never affect the running balance. Carry out the above directions, and the runner will always run true.

GENERAL
HALIFAX, N. S.
TORONTO



FRENCH BURR MILL STONES,
CALIFORNIA SMUT MACHINES,
AND
PORTABLE GRIST MILL
MANUFACTORY.

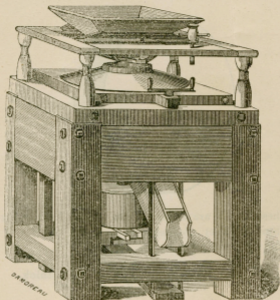
Dutch Anker Bolting Cloth
AND
COLOGNE STONES DEPOT.

MILLSTONE LANE, TORONTO.

R. H. OATES,

Box 1129.

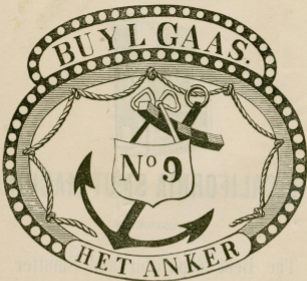
PORTABLE GRIST MILLS



In these Mills, the under stone runs, leaving the upper stone a fixture, consequently are better for grinding middlings than where the upper stone runs the same in chopping. They are so easy fed they will grind as fine as any other stone, and will take less power to do the work than when the upper stone runs, and will grind wheat into flour with any other mill in use. They answer to grind plaster, drugs, spices, coffee, &c.

PRICES.

24 inch, Mill ready to put to Work,	-	\$200 00
30 inch, " " "	-	250 00
36 inch, " " "	-	300 00

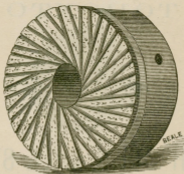


WARRANTED

NO.	HEAVY.	EX. HEAVY.	DOUB. EX. HEAVY.
000	\$1 75		
00	1 80		
0	1 85		
1	1 90		
2	2 00		
3	2 10		
4	2 20		
5	2 30		
6	2 40		
7	2 50		
8	2 60	\$2 80	\$3 00
9	2 70	2 90	3 10
10	2 80	3 00	3 20
11	3 00	3 20	3 30
12	3 20	3 40	3 50
13	3 60	3 80	3 90
14	3 90	4 15	4 25
15	4 20	4 40	4 50
16	4 45	4 65	4 75

40 INCHES WIDE.

Cloths made in the best style with ticking, &c., furnished, for 30 cents per foot, consequently a reel 18 feet long will cost for making \$5.40. When wanted made please state length of reel, diameter, number of ribs, and exact distance from centre to centre of rib, and width of ticking at each end.



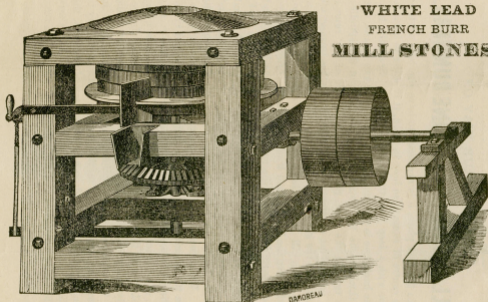
The Subscriber begs to state he has now on hand
A FIRST CLASS STOCK OF
French Burr Blocks,
BOTH OF OLD AND NEW QUARRIES,
and therefore can supply his customers with
MILL STONES of all SIZES

Viz.: 4ft. 6in., 4ft. 4in., 4ft. 2in., 4ft., 3ft. 8in.,
3ft. 6in., 3ft. and 2ft. 6in.

WILL SELL FOR CASH OR ON TIME.

R. H. OATES, Box 1129.

**'WHITE LEAD
FRENCH BURR
MILL STONES,**



WHITE LEAD MILL, 30 inch, with Driving Pulley on Spindle, - \$200 00
 " " 30 inch, Counter Gear same as Wool Cut, - 250 00