

Dubbing consists of, train oil, one quart; neatsfoot oil, 4 quarts; olive oil, 2 quarts; tallow, 13 lbs. This is a most useful receipt. Dubbing.

The chief descriptions of leather are: "Hides," from oxen or cows; "strapback," for strapping; "bellows," for bellows of forges (these are dressed in oil;) "mill band backs," for bands of machinery. Also "basils," from sheep skin, for the inside strapping of boxes.

### Rope.

A rope is formed of three strands, each strand of a number of yarns, and each yarn of a number of fibres of hemp. Rope.  
Rope is either white or tarred, and of different sizes, according to the number of yarns. The size is expressed by the circumference in inches.

The strength of rope when new, *i. e.*, the number of tons it will bear, is found approximately by squaring the circumference and dividing by 6. Strength.

Rope is issued in coils of 113 fathoms, marline and Hambro' line (lighter natures) in skeins, and spun yarn (tarred yarn) in lbs.

Government rope has a coloured thread running through it.

The following are the principal ropes and their uses:

12 inch,	white,	slings of sheers.
9 "	"	straps of sheers.
6 "	"	main tackle of sheers, guys and slings.
5 "	"	gun falls (heavy.)
4 "	"	light gun falls.
3 "	"	heavy gun tackles and drag ropes.
2½ "	"	light " "
4½ "	tarred,	guys of derricks, slings.
4 "	"	parbuckle ropes, lashings.
3 "	"	straps, lashings.
2½ "	"	luff-lackles lashings.
2 "	"	lever ropes, lashings.