

If we want to pull anything tight and we have no block and tackle at hand, we may use the Spanish windlass (Fig. 41). It is made by taking sticks or bars, laying one over the line and giving it one twist, then placing the upright between the stick and rope, then twisting around like any windlass. If we wish to stay a derrick or mast, we may use the mast-head knot (Fig. 42). It is made by making a series of loops one under the other, then drawing one through the other and pulling tight (Fig. 42).

Fig. 43: Now we come to the last, but not the least, a knot that is most despised, dreaded and shunned by all men, and with which none of us care to have much to do. This knot is known as the "hangman's knot," and is formed by making a loop, taking the end five or six times around the running part, then passing the end back through the turns, and we have the knot complete as in Fig. 43.

There are many other knots which will be unnecessary for me to explain in detail, such as pine knots, hard knots, tough knots, what knots, and the matrimonial knot, which is tied by the tongue and cannot be untied with the teeth.

Chairman,—

You have all heard Mr. Bly's paper, and I feel sure that if there are any knots you do not understand that Mr. Bly will be only too pleased to show you how they are done.

Moved by Mr. Wright, seconded by Mr. Beswick,—That a hearty vote of thanks be tendered to Mr. Bly for his paper, and the trouble he has taken to arrange his exhibits and the patience he has displayed in endeavouring to show everybody present how the knots are tied.

Carried.

MR. BLY,—

I do not know that I deserve any thanks. It is only my duty. It is always a pleasure to me if I can help my brother engineers. I am always willing to do what I can for the Club.

I do not want you to think that I am an expert knot tier, because I am not. These are only just a few that I have picked up through the natural course of my life. However, I want to thank you for your kind attention to-night, and I hope that I have interested you.

Chairman,—

Since our last meeting, I am sorry to have to tell you that one of our members, Mr. Frank Campbell, has suffered a sad