

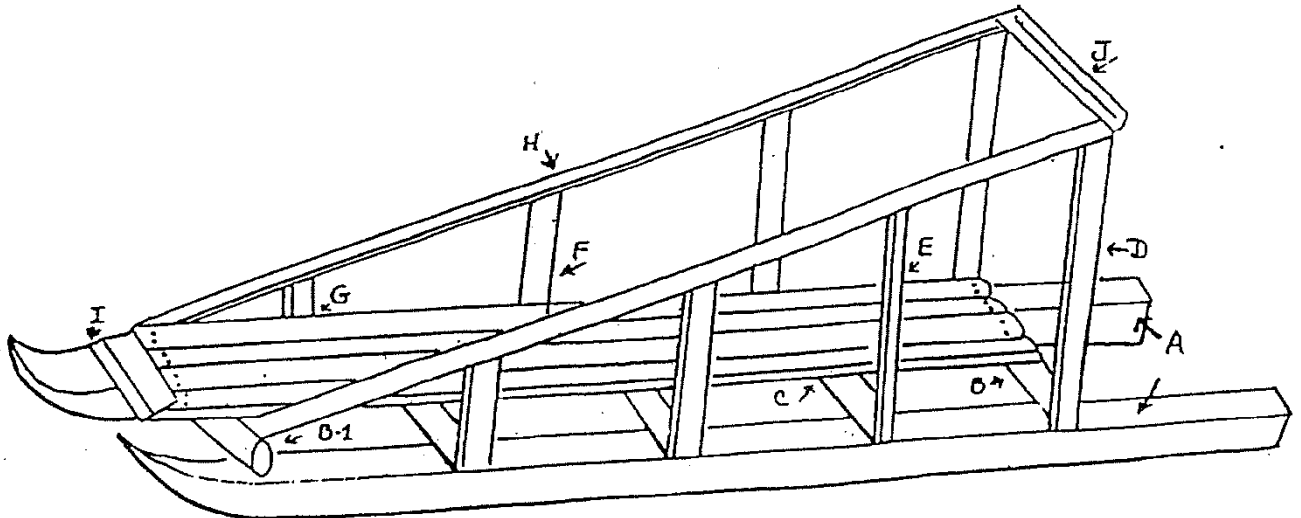
KLONDIKE DERBY SLED INSTRUCTIONS

GENERIC SLED SPECIFICATIONS:

If commercial skis are used as runners, they should be reinforced with a 1" x 4" or heavier boards (preferably oak or other hardwood). Sleds should have wire or cloth on the sides to prevent the loss of Patrol gear. Side rails make lifting of the sled easier over ditches or logs. The drawing of the sled below should only be used as a guide by the Patrols in designing their personal sleds.

TIPS: Use screws instead of nails. Drill screw holes first to avoid splitting wood. Varnish the bottom of the runner if you use wood, and then wax it up before the derby. If you wish, add wire netting or a canvas snow curtain to hold the Patrol gear on the sled. Old skis may be available free from ski shops for the asking. Countersink and metal screw skis to bottom rail.

Secure the towing bridle firmly so that the "huskies" don't become separated from the sled.



BILL OF MATERIALS

A.	2 pieces	2"x6"x6'6"	runners
B.	4 pieces	2"x2"x18"	cross supports
B1.	1 piece	2"x2"x20"	cross support
C.	4 pieces	1/2"x4"x5'	floor planks
D.	2 pieces	1"x2"x40"	rear uprights
E.	2 pieces	1"x2"x31"	second rear upright
F.	2 pieces	1"x2"x22"	second front upright
G.	2 pieces	1"x2"x18"	front uprights
H.	2 pieces	1"x2"x6'	hand rails
I.	1 piece	1"x4"x16"	tow bar
J.	1 piece	1"x2"x20"	handlebar

KLONDIKE DERBY SLED INSTRUCTIONS

KLONDIKE SLED

"SLEDGE"

DESIGNED & CONSTRUCTED

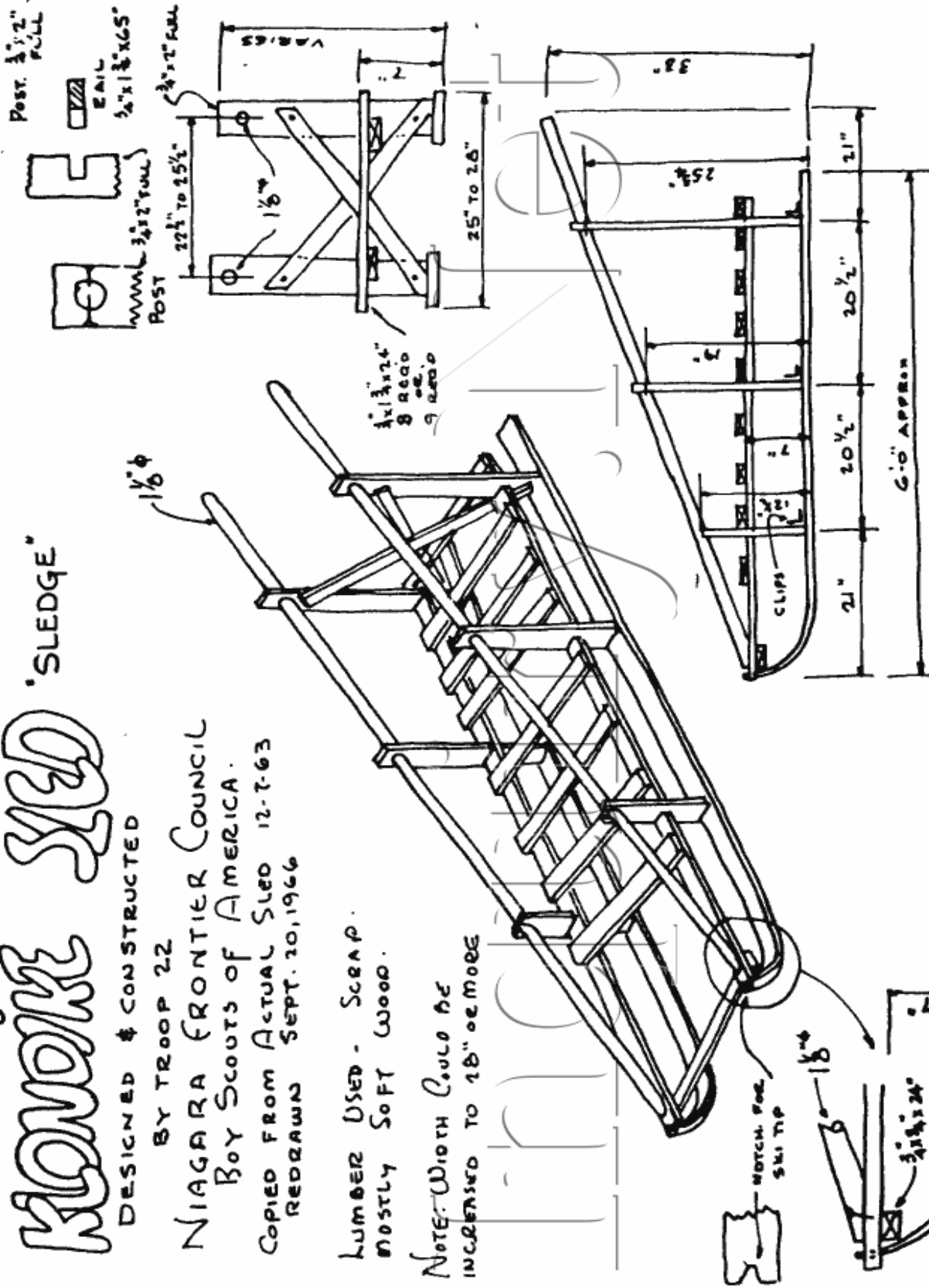
BY TROOP 22

NIAGARA FRONTIER COUNCIL
BOY SCOUTS OF AMERICA.

COPIED FROM ACTUAL SLED 12-7-63
RE-DRAWN SEPT. 20, 1966

LUMBER USED - SCRAP.
MOSTLY SOFT WOOD.

NOTE: WIDTH COULD BE
INCREASED TO 18" OR MORE



RAWHIDE BINDINGS USED FOR MOST
FASTENINGS - SCREWS USED SPARINGLY
AT MAJOR POINTS OF STRESS

THIS DRAWING REISSUED FOR KLONDIKE DERBY IN CONJUNCTION WITH WINTER FESTIVAL 1967

KLONDIKE DERBY SLED INSTRUCTIONS

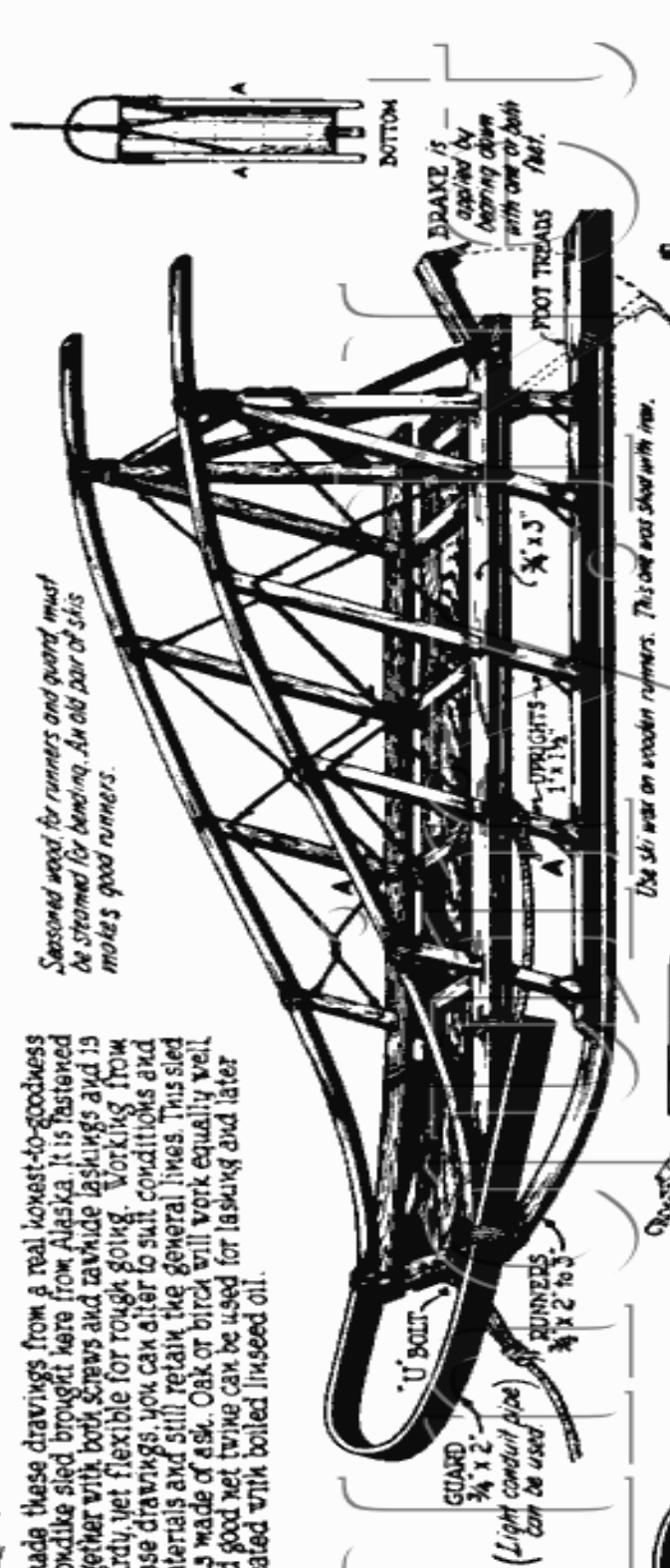
KLONDIKE SLED

20" wide x 6' or 7' long is a good size for scouting.

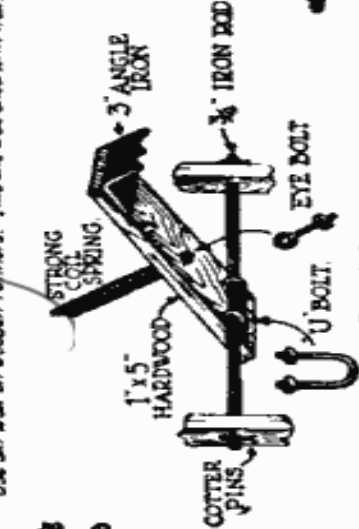
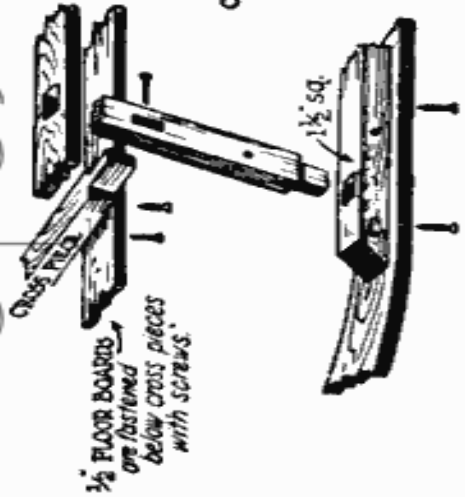
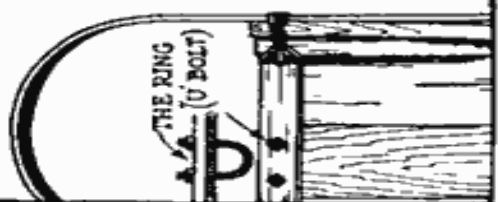


I made these drawings from a real loxest-to-goodness Klondike sled brought here from Alaska. It is fastened together with both screws and sawwide lashing and is sturdy, yet flexible for rough going. Working from these drawings, you can alter to suit conditions and materials and still retain the general lines. This sled was made of ash. Oak or birch will work equally well and good net twine can be used for lashing and later treated with boiled linseed oil.

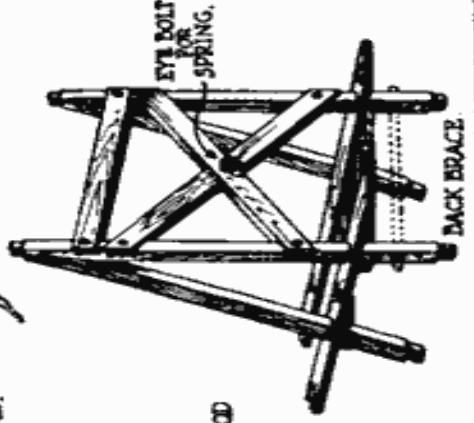
Seasoned wood for runners and guard, must be steamed for bending. An old pair of skis makes good runners.



The ski was an wooden runners. This one was sled with iron.



BRAKE ASSEMBLY
A brake is a must in hilly country or when using dogs. It is usually oil metal.



COURTESY OF SAMUEL WARDEN, ALASKA.