

pying six or seven  
queen, I take the  
ood hive and place  
d give both a touch  
ut three combs out  
ke the bees in front

Take out the weak  
queen, and put them  
after you have got  
m up and give them  
oke; it disarranges  
the scent of both  
s, preferably, a lit-

for beginners, and  
is between apple  
lover. Keep the  
through this period  
of feeding. If I find  
res an extra supply,  
so, I give it a comb  
le of the cluster, but  
veral feeding I adopt  
1 outside feeder that  
ches long by two feet  
3-16 of an inch,  
of which is that your  
e top and can take  
me and they will not  
d of even a float. I  
holds about 60 lbs.,  
I a rubber tube fits  
I fill that up in the  
ter and buckwheat  
d sugar, dissolved in  
ne and a half to two  
p is let on gradually  
ver. You only start  
lay and the bees get  
can regulate your  
mply allow it to flow  
at they will take it  
s the queen laying

r flow begins, you  
rkers, but the colony  
in the hive is not go-  
he workers. Possibly  
ad a good supply of

soft maple, dandelion and other things  
when a sudden check finds the colony  
with simply enough honey to carry  
through the brood that was hatchnig.  
A good queen furnishes an enormous  
amount of brood, but with no honey the  
bees die from starvation and the bee  
man thinks perhaps they died from  
foul brood.

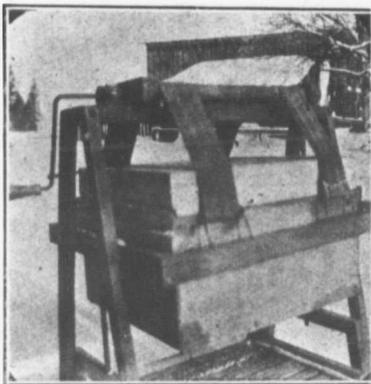
We have now entered upon the flow.  
If you have got no combs to start with  
I should advise you to use full sheets  
of foundation. It is expensive, but it  
pays.

If you want to keep down swarming  
get on your combs as early as possible;  
don't wait until you see your clover in  
bloom in the field. I get my combs on  
possibly a week and a half before clover  
begins to bloom, and the bees will take  
better care of the combs than you can.  
Put a sheet of perforated metal on first  
and then your upper story. Sometimes  
you have got your combs all on and you  
will perhaps be busy in the yard when  
you see a swarm out on the wing. You  
didn't expect any swarming so early.  
What has happened? It was likely a  
colony that superceded its queen. It  
may be an early swarm with the old  
queen. I go to the colony and look in  
and see what is the matter, and if I  
find there are a lot of queen cells there,  
and some hatched out, it is a swarm  
that has been led off by a virgin queen.  
I shake that swarm into the box in  
front, and I leave them in that till night.  
I advise the beginner to do as much as  
he can of his work in the evening, an  
hour or so before sun-down, for the rea-  
son that he won't be bothered so much  
with robbers, and the bees being quiet  
and more tired at night. I put swarm  
back with the virgin queen, tearing out  
all the cells. You must inspect the bees  
in from 10 to 12 days, to see if the queen  
is laying.

The clover season is coming on and you  
want to watch carefully when your

combs get full of honey. I work on what  
is called the tiering system. I want to  
warn beginners when they go to extract  
not to be too eager to get a large quan-  
tity, at the expense of quality, for if  
they do, they will be losers. My advice  
is to wait until the comb is capped from  
1-2 to 2-3 at least.

I will now describe my lifting appar-  
atus. All my hives are exactly similar,



The above cut represents the lifting  
device to which I referred in my address  
to beginners at the recent O.B.K.A.  
meeting. All are free to make it who  
choose—there is no patent. It is very  
simple in construction. I have used it  
for many years. There is still room for  
improvement. Let us have your ideas  
upon the matter; perhaps you can give  
us something better. Show us a cut  
of it and pass a good thing along.—Alex.  
Dickson.

and the apparatus goes right on top and  
lifts the upper story by the turn of a  
crank. I have gone around to 15 or 20  
colonies and never used a touch of  
smoke. The idea of this plan is, that  
the upper story is full, but not cap-  
ped; if you don't raise the super there  
will be a certain amount of time lost,  
and the queen will be crowded below.  
There is no room above. You raise  
this upper story, putting your empty  
one in between, and let it down again,