

Rands Mill N.C. Feb 20th 190

To Elias Carr

Old Sparta N.C.

My Dear Sir & Bro, Yours of 18th inst
to hand, contents considered, I appreciate your kindness proposing
to help me remedy defects of my Harrow. I suggest that the
V shaped band or crooks in bars be straightened enough to
raise front of Harrow 3 or 4 inches higher from the ground,
so altered it will cut deeper, but be made more liable to
choke, or drag up stubble as front blades will not ^{have} that
reclining position they have before alteration. The more
you elevate the front the more weight you give rear blades
which will also make them cut deeper into the soil if you
will notice, the point of front blades do not run in direct
line with body of implement, neither should rear blades
which they do. A little bend where bar is flattened so as
to make said blades throw the soil in opposite direction from
front blades would be a decided improvement when
covering grain is the object in view, although it would
increase the draft somewhat. The blades should be so
set & twisted by the smith as to make them cut ^{the soil} at
immediate points. This do not forget when you make
the alteration. The draft chain should be so attached or
engaged over the blades of harrow as to prevent any transverse
or lateral motion, giving the harrow by the means

I used the Harrow putting in my grain and thought it was
for excellence, but ^{as} it was the result of my inventive genius
~~you know~~ that might have swayed me in making up the
estimate, therefore I will not say any more in its praise until
others say it is meritorious, which would preclude the necessity of
my saying ^{it as disproof} too much. Hoping to hear from you again soon
I am yrs truly

W. H. Rand