and operate a grist mill on this river, and fixes the
position of said mill at a point just below the point
at which the old boundary line strikes the stream,
The fact alone of the record of such a mill in the
Gen'l Statutes of the State, affirmed by surveys in
1829, clearly proves that such a mill was operated
on the Enoree river by a man of that name about
that date, Such being the case it is highly probable
that in the construction and operation of the
mill upon land belonging to other parties, the right
was conveyed by lease, by special privileges, or
by part ownership in the mill by parties holding
the land, the mill still being named after the man
who built and operated it, Such cases are not
uncommon all over the State, and several well
known instances can be named in this section
at the present date,

In the close and accurate survey of this line from
the No. Ca. State line to the Enoree river, there was
found at two or three points slight deflections to the
West, These deflections though so slight as hardly
to mar the general course, were due probably to
magnetic disturbances or possibly to the crude instru-
ments in use at that time, It is a well known
fact that the old Indian boundary line, as well as
the resurvey by Geo. Salmon in 1829, was run by
magnetic bearing, or in other words, by the needle
of an ordinary surveyor's compass, as the finer
instruments of the present day made to guard
against any magnetic deflections were not in
use at that time,

The variations of the magnetic needle are shown
in three distinct forms: namely: the irregular, the
diurnal, and the annual, The irregular variation
occurs at different and irregular periods, and
the needle is often forced several degrees from the
true bearing, No cause has been found for this
variation, The diurnal variation occurs daily,
The needle commences its deflection about 8 o'clock
in the morning, reaches the maximum about
1 o'clock, then returns to its normal position in
the evening, It sometimes reaches a deflection
of 30 minutes The annual variation has