

Chas. D. Wood  
London Oct. 22<sup>nd</sup> - May / 82 -

Dear Sir,

I duly received your communication of the 26<sup>th</sup> ult., and I am much obliged for it -

Perhaps you will have a better idea of the nature of the information I requested when I state the purpose of my invention, real or imaginary - To raise cream with rapidity has become a desideratum of considerable importance in dairy countries, and various devices having that end in view have been patented - It occurred to me that if milk were subjected to the action of compressed air the effect would be to raise the cream within an unusually short period - On thinking over the question I conceived the idea (whether original or otherwise, I do not know) that it is the pressure of the atmosphere that causes  
all

all matter to rise to the surface of liquids,  
i. e. when the specific gravity of the  
former is less than that of the latter -  
You are no doubt aware that the  
specific gravity of cream is less than  
the other component parts of milk,  
and upon which the cream rises -

If the ~~assumption~~<sup>theory</sup> that I have advanced  
be correct it appears to me to inevitably  
follow that the degrees of the separation  
of the cream from the milk will be  
in some way proportionate to the  
forces of the pressure brought to bear  
on the mass -

I very willingly avail myself  
of your kind offer to obtain the opinion  
of the Professor of Natural Philosophy  
on the point in question -

As the subject may not be uninteresting  
to you, I shall, to show the estimation  
in which a suitable invention for  
the purpose I have mentioned, is held,  
I

I shall enclose herewith for your  
perusal three printed papers - N<sup>o</sup> 3  
was cut from the "Monetary Times".  
I shall feel obliged by your returning  
these papers, if not too much trouble -  
Enclosed are stamps to cover postages.

I may add that upon the chance  
of my theory being correct, I have  
applied for protection in several  
countries, until I shall have  
had time to bring to maturity  
a separator fitting to be patented.

Yours truly  
J. Macdonald  
Drawer B. 35, P. O.  
London  
Ont.

Dear A. Johnson  
I have just  
written you  
at this - the question is  
in your feet, your  
chances on  
the  
11/11/11