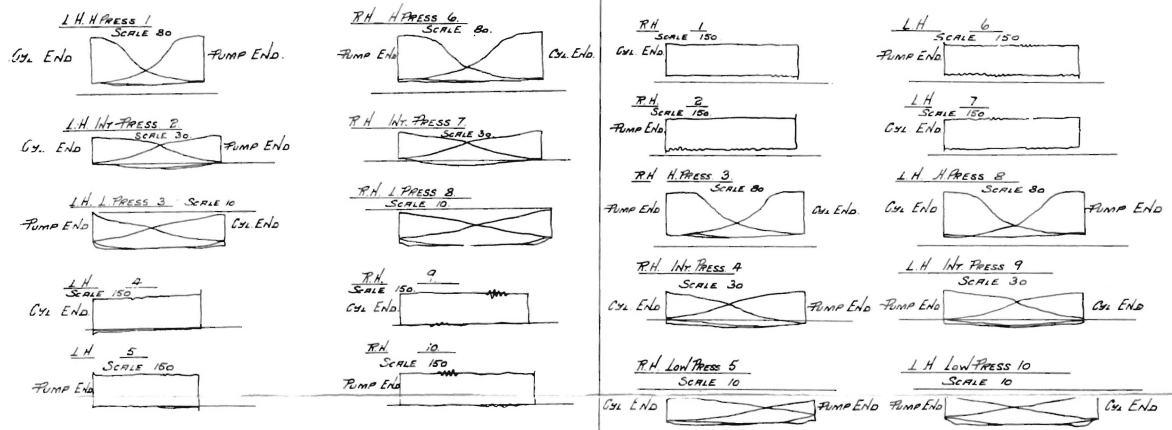


ARRANGEMENT OF  
PROPOSED  
DIRECT ACTING SAFETY ATTACHMENT

Morrison's Patent Co. Ltd.  
James Samuel & Co. Ltd.  
See Arrangement Enclosed  
Signed Best  
J. M. Cassin  
1908

Fig. 1.



STATION No 2	1	2	3	4	5	6	7	8	9	10
GROUP	E									
DIA OF L.P. CYL.	24									
" " " " R.P.	24									
" " " " H.P.	24									
STROKE	34									
DIA. STATION PUMP PISTON	14									
REV. PER MIN.	240									
SCALE	1/2" = 1"									
VACUUM GAUGE	24									
DATE	9/1/07									

INDICATED HP	
L.H. ENGINE	R.H. ENGINE
LP	50.06
HP	22.65
HP	53.06
HP	125.77
TOTAL OF BOTH ENGINES 229.35	
I.H.P.	L.H. PUMP
	136.80
	132.225
TOTAL OF BOTH PUMPS 269.025	
RATIO OF PUMPS I.H.P. TO ENGINE I.H.P.	
$\frac{269.025}{229.35} = 93.1\%$	

NOTE ABOVE RESULTS ARE MEANS OF 3 SETS OF CARDS  
COOLGARDIE WATER SUPPLY  
STATION No 2  
GROUP E.

STATION No 1	1	2	3	4	5	6	7	8	9	10
GROUP	B									
DIA OF L.P. CYL.	24									
" " " " R.P.	24									
" " " " H.P.	24									
STROKE	36									
DIA. STATION PUMP PISTON	14									
REV. PER MIN.	240									
SCALE	1/2" = 1"									
VACUUM GAUGE	27									
DATE	9/1/07									

INDICATED HP	
L.H. ENGINE	R.H. ENGINE
LP	40.24
HP	45.92
HP	50.98
HP	137.16
TOTAL OF BOTH ENGINES 275.90	
I.H.P.	L.H. PUMP
	130.41
	135.49
TOTAL OF BOTH PUMPS 265.90	
RATIO OF PUMPS TO ENGINE I.H.P.	
$\frac{265.90}{275.90} = 96.7\%$	

NOTE ABOVE RESULTS ARE MEANS OF THREE SETS OF CARDS  
COOLGARDIE WATER SUPPLY  
STATION No 1  
GROUP B.

SIMPSON BROS  
32 BALMORAL ST  
SYDNEY

Fig. 2.