BOSS 783

(1900, $\alpha = 3^h\ 21^m{\cdot}7$, $\delta = +49°\ 30'$, mag. 5·64, type B5)

The hydrogen lines are from 10 to 15 angstroms broad and consequently the velocities obtained are only approximate. If the star is not a binary, the velocities should be about zero as it is one of the stars in the Taurus cluster. No results have hitherto been published.

Plate	Date, G.M.T.	Velocity	Lines
8357	1917, Nov. 14·664	+25	1
8694	1918, Dec. 26·564	+29	3

BOSS 836 or 40 PERSEI

(1900, $\alpha = 3^h\ 36^m{\cdot}0$, $\delta = +33°\ 39'$, mag 5·04, type B2)

The measures on the 7 plates secured here are sufficiently reliable to show that this star has a variable radial velocity. A line of unknown origin, whose wave-length has been assumed as 4070·118, is quite sharp on some of the plates.

Plate	Date, G.M.T.	Velocity	Lines
8338	1917, Nov. 7·663	+23·2	9
8428	1918, Jan. 23·490	+23·7	6
8693	Dec. 18·719	+ 3·6	7
8696	" 26·668	- 8·8	6
8698	1919, Jan. 6·506	+33·7	4
8705	" 27·484	- 8·8	7
8711	Feb. 10·634	- 1·7	6