Relevant Kershaw Patents

• British Patent No. 584,390
  – Internal focus mechanism for binoculars
  – Applied for 1944, accepted 1947
  – Inventors: Norman Kershaw, Harry Ryder

• British Patent No. 657,095
  – Seal for internal focus mechanism
  – Applied for 1947, accepted 1951
  – Inventors: Norman Kershaw, Harry Ryder

• U.S. Patent No. 2,581,865
  – Basically same as British Patent 584,390
  – Applied for 1945, accepted 1952
“This invention relates to binoculars having a hinged body for interocular adjustment and a focussing mechanism actuating a correspondingly hinged bridge or bar carrying the focussing lenses, the hinged bridge being enclosed by the hinged body of the binoculars.”
British Patent No. 657,095

“This invention relates to binoculars and has for its chief object to provide a new or improved construction and method of sealing the internal mechanism of binoculars which will enable them to be made more dustproof and weatherproof than hitherto possible.”
Internal Pictures of 7x30

Pictures show moving arm with and without eyepiece

9x36 mechanism is similar
Internal Pictures of 12x50

Pictures show moving arm attached to eyepiece
Note rubber seal under arm in picture on right
7x50 & 10x50 mechanisms believed to be similar
References


• European Patent Office online database, esp@cenet. http://www.espacenet.com