

ELECTRON BEAM VAPOR DEPOSITION APPARATUS
FOR DEPOSITING MULTI-LAYER COATING

ABSTRACT OF THE DISCLOSURE

5 A physical vapor deposition apparatus includes first and second chambers.
A first directed vapor deposition crucible is at least partially within the first chamber
for presenting a first source material to be deposited on a work piece. A second
directed vapor deposition crucible is at least partially within the second chamber for
presenting a second, different source material to be deposited as a second coating on
10 the work piece. At least one of the materials may be deposited as a coating.