

HINGE ASSEMBLY FOR A ROLLER DOOR

ABSTRACT

5 A hinge assembly for a roller door comprising:

a hinge member, first and second panels and at least one retainer,
wherein the hinge member hingedly interconnects the first and second panels to one
another to allow relative pivoting movement of the panels with respect to each other,
and wherein:

10 the first and second panels are each elongate and comprise first and
second curved hinge elements at respective first and second edges of each panel, one
of the curved hinge elements curving in a first direction and the other curved hinge
element curving in a second direction;

the hinge member is elongate and has opposing inner and outer
15 surfaces, opposing first and second edges and opposing first and second ends, the
hinge member also comprising a first curved slot located towards the second edge for
receiving the first curved element of the first panel and a second curved slot located
towards the first edge for receiving the second curved hinge element of the second
panel; and

20 the hinge member also comprising a coupling portion at at least one of
the first and second ends, the retainer configured to be coupled in one of the coupling
portions so as to retain the curved hinge elements of the panels in respective first and
second curved slots of the hinge member.

25 [Figure 1]