



ABSTRACT OF THE DISCLOSURE (FIG. 1)

5 "MAGNETORESISTANCE EFFECT ELEMENT,
MAGNETIC HEAD, HEAD SUSPENSION ASSEMBLY,
AND MAGNETIC REPRODUCING APPARATUS"

A magnetoresistance effect element of the dual
spin valve type using a current-perpendicular-to-the-
plane (CPP) system where a sensing current flows
perpendicular to the stacked faces of a plurality of
10 conductive layers, the magnetoresistance effect
element comprises a first unit which includes a free
layer and a first pinning layer, a second unit which
includes the free layer shared with the first unit and
a second pinning layer, a first current control layer
15 which is provided in the first unit and limits the
flow quantity of the sensing current, and a second
current control layer which is provided in the second
unit and limits the flow quantity of the sensing
current.

