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SYSTEM AND METHOD FOR USING A MEMORY MAPPING FUNCTION TO MAP
MEMORY DEFECTS

ABSTRACT OF THE DISCLOSURE

5 In accordance with the present disclosure, a system and method are herein
disclosed for managing memory defects in an information handling system. More particularly,
the present disclosure comprises a system and method for generating a usable memory map
which excludes memory locations containing defect memory elements. In an information
handling system, a memory defect map, which comprises information about the location of
10 defective memory elements, is coupled to the memory device. As a map of memory usable by
the system is created, usable memory regions containing defective memory elements are
excluded from the memory map. The memory map is passed to the operating system, which uses
only those regions of memory designated as usable and non-defective.

FIG. 3