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UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

Intel Corporation Petitioner

v.
Patent Owner of
U.S. Patent No. 8,838,949 to Gupta *et al*.

Trial No. IPR2018-01335

PETITION FOR *INTER PARTES* REVIEW OF U.S. PATENT NO. 8,838,949 UNDER 35 U.S.C. § 312 AND 37 C.F.R. § 42.104



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		1. "means for receiving at a secondary processor, from a primary processor via an inter-chip communication bus, an image header for an executable software image for the secondary processor that is stored in memory coupled to the primary processor"					
		2.	"means for processing, by the secondary processor, the image header to determine at least one location within system memory to which the secondary processor is coupled to store each data segment"	19			
		3.	"means for receiving at the secondary processor, from the primary processor via the inter-chip communication bus, each data segment"	20			
		4.	"means for scatter loading, by the secondary processor, each data segment directly to the determined at least one location within the system memory, and each data segment being scatter loaded based at least in part on the processed image header"	21			
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Petitioner Intel Corporation respectfully requests *Inter Partes* Review of claims 10-17 of U.S. Patent No. 8,838,949 (the "'949 patent") (Ex-1101) pursuant to 35 U.S.C. §§ 311-319 and 37 C.F.R. § 42.1 *et seq*.

I. INTRODUCTION

The '949 patent discloses a particular technique for "scatter loading" an executable software image from a primary processor to a secondary processor in a multi-processor system. The general concept of scatter loading a software image and the specific details proposed by the '949 patent, however, were neither novel nor non-obvious at the time of the purported invention. This Petition presents two key pieces of prior art—Bauer and Kim—that were not before the Patent Office during prosecution and that disclose exactly what the Examiner found missing from the prior art of record.

The Patent Owner obtained the '949 patent only by adding claim limitations to distinguish a prior art Svensson PCT reference. The Patent Owner argued that Svensson PCT did not disclose a secondary processor that (1) received separately an image header and data segments of a software image; and (2) scatter loaded each data segment directly from the secondary processor's hardware buffer to its system memory based on the image header. This Petition explains how Bauer and Kim disclose these two alleged points of novelty of the '949 patent.



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