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BEFORE THE PATENT TRIAL AND APPEAL BOARD

LG ELECTRONICS, INC.,
LG ELECTRONICS U.S.A., INC., and
LG ELECTRONICS MOBILECOMM U.S.A., INC.
Petitioner

v.

CYPRESS SEMICONDUCTOR CORP.
Patent Owner

Patent 6,493,770

PETITION
to Institute an *Inter Partes* Review of
U.S. Patent No. 6,493,770
under
37 C.F.R. § 42.100 et seq.

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A. Ground #1: Claims 1, 5, 7, 10, 11, 15-17 of the '770 Patent are Obvious under Section 103(a) over the APA and Yap 19

1. Admitted Prior Art 19

2. Claim 1 22

3. Claim 5 28

4. Claim 7 29

5. Claim 10 30

6. Claim 11 31

7. Claim 15 32

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9. Claim 17 33

B. Ground #2: Claims 2, 3, 12, and 13 of the '770 Patent are Obvious under Section 103(a) over the APA, Yap, and Michelson 33

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2. Claim 3 36

3. Claim 12 37

4. Claim 13 37

C. Ground #3: Claims 1-3, 10-13, 16, 17, 18, and 20 are unpatentable under 35 U.S.C. § 103, as being obvious over Michelson, PCCextend, and Davis 37

1. Claim 1 37

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2. Claim 2 45

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10. Claim 18 51

11. Claim 20 53

D. Ground #4: Claims 5, 7, 15, and 19 of the '770 Patent are unpatentable under 35 U.S.C. § 103, as being obvious over Michelson, PCCextend, Davis, and the APA 54

1. Claim 5 54

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E. Ground #5: Claims 18-20 are unpatentable under 35 U.S.C. § 102(e) as being anticipated by Yap 57

1. Claim 18 57

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