

**IN THE UNITED STATES DISTRICT COURT  
FOR THE WESTERN DISTRICT OF TEXAS  
AUSTIN DIVISION**

<b>INNOMEMORY, LLC,</b>	)	
<b>Plaintiff,</b>	)	
	)	<b>Civil Action No. 1:22-cv-00834</b>
<b>v.</b>	)	
	)	
<b>COMERICA INCORPORATED and</b>	)	<b>JURY TRIAL DEMANDED</b>
<b>COMERICA BANK,</b>	(	
<b>Defendants.</b>	)	

**PLAINTIFF’S ORIGINAL COMPLAINT FOR PATENT INFRINGEMENT**

INNOMEMORY, LLC (“Innomemory”) files this Original Complaint and demand for jury trial seeking relief from patent infringement of U.S. Patent Nos. 6,240,046 (“the ‘046 patent”) and 7,057,960 (“the ‘960 patent”) (referred to as the “Patents-in-Suit”) by COMERICA INCORPORATED and COMERICA BANK (together “Comerica” or “Defendants”).

**I. THE PARTIES**

1. Plaintiff Innomemory, LLC is a Texas Limited Liability Company with its principal place of business located in Travis County, Texas.

2. On information and belief, Defendant Comerica Incorporated (“Comerica Inc.”) is a corporation organized under the laws of the state of Delaware, with its principal place of business located in 1717 Main Street, MC 6404, Dallas, Texas 75201. Comerica Inc. may be served with process via its registered agents and via its corporate officers. Comerica Inc. is a publicly traded company on the New York Stock Exchange under the symbol “CMA.”

3. On information and belief, Comerica Bank (“Comerica Bank”) is a subsidiary of Comerica Incorporated. On information and belief, Defendant Comerica Bank is a Texas banking association legally organized under the laws of Texas having a principal office located at 1717

Main Street, MC 6404, Dallas, Texas 75201. On information and belief, Comerica Bank has regular and established places of business in this judicial District, including, but not limited, to the ones located at 300 West 6th Street, Suite 120 Austin, TX 78701; 1701 W. 35th Street, Austin, TX 78703; 12850 Bandera Road, Helotes, TX 78023; and 3186 Junction Hwy., Ingram, TX 78025. On information and belief, Comerica Bank has used infringing devices and sells and offers to sell products and services throughout Texas, including in this judicial District, and introduces products and services into the stream of commerce knowing that they would be sold and used in Texas and this Judicial District. Comerica Bank can be served with process via its registered agents and/or its corporate officers, Corporate Creations Network Inc., 5444 Westheimer, Suite #1000, Houston, Texas 77056, or wherever else they may be found.

## **II. JURISDICTION AND VENUE**

4. This Court has original subject-matter jurisdiction over the entire action pursuant to 28 U.S.C. §§ 1331 and 1338(a) because Plaintiff's claims arise under an Act of Congress relating to patents, namely, 35 U.S.C. § 271.

5. This Court has personal jurisdiction over each Defendant because: (i) each Defendant is present within or has minimum contacts within the State of Texas and this judicial district; (ii) each Defendant has purposefully availed itself of the privileges of conducting business in the State of Texas and in this judicial district; and (iii) Plaintiff's cause of action arises directly from each Defendant's business contacts and other activities in the State of Texas and in this judicial district.

6. Venue is proper in this district under 28 U.S.C. §§ 1391(b) and 1400(b). Each Defendant has committed acts of infringement and has a regular and established place of business in this District. Further, venue is proper because each Defendant conducts substantial business in

this forum, directly or through intermediaries, including: (i) at least a portion of the infringements alleged herein; and (ii) regularly doing or soliciting business, engaging in other persistent courses of conduct and/or deriving substantial revenue from goods and services provided to individuals in Texas and this District.

### **III. INFRINGEMENT**

#### **A. Infringement of the ‘046 Patent**

7. On May 29, 2001, U.S. Patent No. 6,240,046 (“the ‘046 patent”, attached as Exhibit A) entitled “INTEGRATED CIRCUIT RANDOM ACCESS MEMORY CAPABLE OF READING EITHER ONE OR MORE THAN ONE DATA WORD IN A SINGLE CLOCK CYCLE,” was duly and legally issued by the U.S. Patent and Trademark Office. Innomemory owns the ‘046 patent by assignment.

8. The ‘046 patent relates to a novel and improved high performance random access memory offering significant power saving in read operations.

9. Accused DDR Memory includes, but is not limited to, any memory device that complies with any of the following industry standards: DDR2, DDR3, DDR4, LPDDR3, LPDDR4, LPDDR4X, and LPDDR5. Such industry standards are defined by JEDEC, see [www.jedec.org](http://www.jedec.org), and see standard document references in the attached claim charts.

10. Support for the allegations of infringement may be found in the attached exemplary claim charts included as Exhibits B and C that show a mapping of one or more claims of the ‘046 patent. These allegations are preliminary and are therefore subject to change.<sup>1</sup>

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<sup>1</sup> Innomemory reserves the right to amend, including but not limited to adding claims for indirect and willful infringement, if discovery reveals pre-suit knowledge during the period of the alleged infringement.

11. Accused Computing Device includes any computing device (including but not limited to, servers, desktop computers, laptops, tablets, and automated teller machines) that include the Accused DDR Memory.

12. Exemplary Vendors of Accused Computing Devices include, but are not limited to, HP, Lenovo, Acer, IBM, Asus, Dell, NCR, and Diebold.

13. Defendants have used mainframe computers from IBM that include Accused DDR Memory.

14. Upon information and belief, Defendants have provided laptop computers to its employees, including work from home employees, that use Accused DDR Memory.

15. Upon information and belief, Defendants have more than 1000 information technology (IT) employees and at least some of these employees has used an Accused Computing Device.

16. Upon information and belief, Defendants have owned and operated products and services involving Accused Computing Devices. Thus, Defendant has used Accused Computing Devices. Based on such use, Defendant has infringed one or more method claims of the '046 patent, literally or under the doctrine of equivalents. Defendants' acts complained of herein have benefited Defendants and have caused harm to Plaintiff.

17. Defendants have caused Plaintiff damages by direct infringement of one or more method claims of the '046 patent.<sup>2</sup>

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<sup>2</sup> Innomemory reserves the right to amend, including but not limited to adding claims for indirect and willful infringement, if discovery reveals pre-suit knowledge during the period of the alleged infringement.

**B. Infringement of the ‘960 Patent**

18. On June 6, 2006, U.S. Patent No. 7,057,960 (“the ‘960 patent”, attached as Exhibit D) entitled “METHOD AND ARCHITECTURE FOR REDUCING THE POWER CONSUMPTION FOR MEMORY DEVICES IN REFRESH OPERATIONS,” was duly and legally issued by the U.S. Patent and Trademark Office. Innomemory, LLC owns the ‘960 patent by assignment.

19. The ‘960 patent relates to a novel and improved method for reducing power consumption during background operations in a memory array.

20. Accused DDR Memory includes, but is not limited to, any memory device that complies with any of the following industry standards: DDR2, DDR3, DDR4, LPDDR3, LPDDR4, LPDDR4X, and LPDDR5.

21. Support for the allegations of infringement may be found in the attached exemplary claim chart included as Exhibit E that shows a mapping of one or more claims of the ‘960 patent. These allegations are preliminary and are therefore subject to change.<sup>3</sup>

22. Accused Computing Device includes a computing device (including but not limited to, servers, desktop computers, laptops, tablets, and automated teller machines) that includes Accused DDR Memory.

23. Exemplary Vendors of Accused Computing Devices include, but are not limited to, HP, Lenovo, Acer, IBM, Asus, Dell, NCR, and Diebold.

24. Upon information and belief, Defendants have owned and operated products involving Accused Computing Devices. Thus, Defendants have used Accused Computing

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<sup>3</sup> Innomemory reserves the right to amend, including but not limited to adding claims for indirect and willful infringement, if discovery reveals pre-suit knowledge during the period of the alleged infringement.

Devices. Based on such use, Defendants have infringed one or more method claims of the '960 patent, literally or under the doctrine of equivalents.

25. Upon information and belief, Defendants have provided laptop computers (that include Accused DDR Memory) and/or desktop computers (that include Accused DDR Memory) to its employees and/or contractors.

26. Upon information and belief, Defendants have used computer servers that include Accused DDR Memory.

27. Upon information and belief, Defendants have used mainframe computers from IBM that include Accused DDR Memory.

28. Upon information and belief, Defendants have used automated teller machines (ATMs) that include Accused DDR Memory.

29. Defendants have caused Plaintiff damage by direct infringement of the '960 patent.<sup>4</sup>

#### **IV. JURY DEMAND**

Plaintiff Innomemory hereby requests a trial by jury on issues so triable by right.

#### **V. PRAYER FOR RELIEF**

WHEREFORE, Plaintiff prays for relief as follows:

- a. enter judgment that Defendants have infringed the claims of the '046 patent and the '960 patent;
- b. award Plaintiff damages in an amount sufficient to compensate it for Defendants' infringement of the Patents-in-Suit in an amount no less than a reasonable royalty or lost

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<sup>4</sup> Innomemory reserves the right to amend, including but not limited to adding claims for indirect and willful infringement, if discovery reveals pre-suit knowledge during the period of the alleged infringement.

profits, together with pre-judgment and post-judgment interest and costs under 35 U.S.C. § 284;

- c. award Plaintiff an accounting for acts of infringement not presented at trial and an award by the Court of additional damage for any such acts of infringement; and
- d. award Innomemory such other and further relief as this Court deems just and proper.

Dated: August 18, 2022

Respectfully submitted,

**Ramey LLP**

/s/William P. Ramey

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