

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

<b>INNOMEMORY, LLC,</b>	)	
<b>Plaintiff,</b>	)	
	)	<b>Civil Action No. 5:22-cv-00905</b>
<b>v.</b>	)	
	)	
<b>BROADWAY NATIONAL BANK d/b/a BROADWAY BANK,</b>	)	<b>JURY TRIAL DEMANDED</b>
<b>Defendant.</b>	)	

**PLAINTIFF’S FIRST AMENDED COMPLAINT FOR PATENT INFRINGEMENT**

INNOMEMORY, LLC (“Innomemory”) files this First Amended 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 BROADWAY NATIONAL BANK dba BROADWAY BANK (“Broadway” or “Defendant”).

**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, Broadway National Bank dba Broadway Bank (“Broadway” or “Defendant”) is a national bank with its principal place of business at 1177 N.E. Loop 410, San Antonio, Texas 78209, with regular and established places of business in this judicial District, including, but not limited, to the ones located at 401 Austin Highway, San Antonio, Texas 78209; 2302 Stanley Road, San Antonio, Texas 78234; 1100 McCullough Suite 100, San Antonio, Texas 78205; and 13119 Huebner Rd., San Antonio, Texas 78230. On information and belief, Broadway 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. Broadway can be served with process through their registered agent, Shannon M. Savary, 1177 N.E. Loop 410, San Antonio, Texas 78209, or wherever they may be found.

## **II. JURISDICTION AND VENUE**

3. 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.

4. This Court has personal jurisdiction over Defendant because: (i) Defendant is present within or has minimum contacts within the State of Texas and this judicial district; (ii) 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 Defendant's business contacts and other activities in the State of Texas and in this judicial district.

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

6. 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.

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

8. Defendant uses Accused DDR Memory that 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.

9. Support for the allegations of infringement may be found in the attached exemplary claim chart included as Exhibits B and C that show a mapping of one or more claims of the ‘046 patent.

10. These allegations are preliminary and are therefore subject to change.<sup>1</sup>

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

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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.

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

13. Upon information and belief, Defendant has provided laptop computers to its employees, including work from home employees, that use Accused DDR Memory.

14. Upon information and belief, Defendant has 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. Defendant's acts complained of herein have benefited Defendant and has caused harm to Plaintiff.

15. Defendant has caused Plaintiff damages by direct infringement of one or more method claims of the '046 patent.<sup>2</sup>

#### **B. Infringement of the '960 Patent**

16. 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.

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

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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.

18. 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.

19. Support for the allegations of infringement may be found in the attached exemplary claim charts 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>

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

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

22. Upon information and belief, Defendant has owned and operated products 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 '960 patent, literally or under the doctrine of equivalents.

23. Upon information and belief, Defendant has provided laptop computers (that include Accused DDR Memory) and/or desktop computers (that include Accused DDR Memory) to its employees and/or contractors.

24. Upon information and belief, Defendant has used computer servers that include Accused DDR Memory.

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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.

25. Upon information and belief, Defendant has used automated teller machines (ATMs) that include Accused DDR Memory.

26. Defendant has 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 Defendant has infringed the claims of the '046 patent and the '960 patent;
- b. award Plaintiff damages in an amount sufficient to compensate it for Defendant's infringement of the Patents-in-Suit in an amount no less than a reasonable royalty or lost 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: November 17, 2022

Respectfully submitted,  
**Ramey LLP**

/s/William P. Ramey  
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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.

Houston, Texas 77006  
(713) 426-3923 (telephone)  
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*Attorneys for Plaintiff InnoMemory, LLC*

**CERTIFICATE OF SERVICE**

I hereby certify that a true and correct copy of the foregoing Notice of Acknowledgement has been delivered to all parties registered to receive court notices via the Court's ECF/CM system on November 17, 2022.

William P. Ramey, III  
William P. Ramey, III