

**IN THE UNITED STATES DISTRICT COURT  
FOR THE DISTRICT OF DELAWARE**

**Cedar Lane Technologies Inc.,**

Plaintiff,

v.

**Brother International Corporation,**

Defendant.

Case No. 21-1207-RGA

Patent Case

Jury Trial Demanded

**FIRST AMENDED COMPLAINT FOR PATENT INFRINGEMENT**

1. Plaintiff Cedar Lane Technologies Inc. (“Plaintiff”), through its attorneys, complains of Brother International Corporation (“Defendant”), and alleges the following:

**PARTIES**

2. Plaintiff Cedar Lane Technologies Inc. is a corporation organized and existing under the laws of Canada that maintains its principal place of business at 560 Baker Street, Suite 1, Nelson, BC V1L 4H9.

3. Defendant Brother International Corporation is a corporation organized and existing under the laws of Delaware that maintains an established place of business at 200 Crossing Blvd., Bridgewater, NJ 08807-0911.

**JURISDICTION**

4. This is an action for patent infringement arising under the patent laws of the United States, Title 35 of the United States Code.

5. This Court has exclusive subject matter jurisdiction under 28 U.S.C. §§ 1331 and 1338(a).

6. This Court has personal jurisdiction over Defendant because it has engaged in systematic and continuous business activities in this District and is incorporated in this District's state. As described below, Defendant has committed acts of patent infringement giving rise to this action within this District.

#### **VENUE**

7. Venue is proper in this District under 28 U.S.C. § 1400(b) because Defendant has an established place of business in this District. In addition, Defendant has committed acts of patent infringement in this District, and Plaintiff has suffered harm in this district.

#### **PATENTS-IN-SUIT**

8. Plaintiff is the assignee of all right, title and interest in United States Patent Nos. 6,473,527; 6,972,790; 8,645,500; 9,983,836; RE41,483; and RE42,528 (the "Patents-in-Suit"); including all rights to enforce and prosecute actions for infringement and to collect damages for all relevant times against infringers of the Patents-in-Suit. Accordingly, Plaintiff possesses the exclusive right and standing to prosecute the present action for infringement of the Patents-in-Suit by Defendant.

#### **THE '527 PATENT**

9. The '527 Patent is entitled "Module and method for interfacing analog/digital converting means and JPEG compression means," and issued 2002-10-29. The application leading to the '527 Patent was filed on 1999-06-01. A true and correct copy of the '527 Patent is attached hereto as Exhibit 1 and incorporated herein by reference.

#### **THE '790 PATENT**

10. The '790 Patent is entitled "Host interface for imaging arrays," and issued 2005-12-06. The application leading to the '790 Patent was filed on 2000-12-21. A true and correct copy of the '790 Patent is attached hereto as Exhibit 2 and incorporated herein by reference.

**THE '500 PATENT**

11. The '500 Patent is entitled "Method and system for communicating between a remote printer and a server," and issued 2014-02-04. The application leading to the '500 Patent was filed on 2011-04-14. A true and correct copy of the '500 Patent is attached hereto as Exhibit 3 and incorporated herein by reference.

**THE '836 PATENT**

12. The '836 Patent is entitled "Method and system for communicating between a remote printer and a server," and issued 2018-05-29. The application leading to the '836 Patent was filed on 2016-09-14. A true and correct copy of the '836 Patent is attached hereto as Exhibit 4 and incorporated herein by reference.

**THE '483 PATENT**

13. The '483 Patent is entitled "Position-retaining method and system for a scanning system capable of copy and facsimile," and issued 2010-08-10. The application leading to the '483 Patent was filed on 2007-08-16. A true and correct copy of the '483 Patent is attached hereto as Exhibit 5 and incorporated herein by reference.

**THE '528 PATENT**

14. The '528 Patent is entitled "End-of-scan reporting system," and issued 2011-07-05. The application leading to the '528 Patent was filed on 2007-10-03. A true and correct copy of the '528 Patent is attached hereto as Exhibit 6 and incorporated herein by reference.

**COUNT 1: INFRINGEMENT OF THE '527 PATENT**

15. Plaintiff incorporates the above paragraphs herein by reference.

16. **Direct Infringement.** Defendant directly infringed one or more claims of the '527 Patent in at least this District by making, using, offering to sell, selling and/or importing, without limitation, at least the Defendant products identified in the charts incorporated into this

Count below (among the “Exemplary Defendant Products”) that infringed at least the exemplary claims of the ’527 Patent also identified in the charts incorporated into this Count below (the “Exemplary ’527 Patent Claims”) literally or by the doctrine of equivalents. On information and belief, numerous other devices that infringed the claims of the ’527 Patent have been made, used, sold, imported, and offered for sale by Defendant and/or its customers.

17. Defendant also directly infringed, literally or under the doctrine of equivalents, the Exemplary ’527 Patent Claims, by having its employees internally test and use these Exemplary Products.

18. Exhibit 7 includes charts comparing the Exemplary ’527 Patent Claims to the Exemplary Defendant Products. As set forth in these charts, the Exemplary Defendant Products practice the technology claimed by the ’527 Patent. Accordingly, the Exemplary Defendant Products incorporated in these charts satisfy all elements of the Exemplary ’527 Patent Claims.

19. Plaintiff therefore incorporates by reference in its allegations herein the claim charts of Exhibit 7.

20. Plaintiff is entitled to recover damages adequate to compensate for Defendant's infringement.

#### **COUNT 2: INFRINGEMENT OF THE ’790 PATENT**

21. Plaintiff incorporates the above paragraphs herein by reference.

22. **Direct Infringement.** Defendant has been and continues to directly infringe one or more claims of the ’790 Patent in at least this District by making, using, offering to sell, selling and/or importing, without limitation, at least the Defendant products identified in the charts incorporated into this Count below (among the “Exemplary Defendant Products”) that infringe at least the exemplary claims of the ’790 Patent also identified in the charts incorporated

into this Count below (the “Exemplary ’790 Patent Claims”) literally or by the doctrine of equivalents. On information and belief, numerous other devices that infringe the claims of the ’790 Patent have been made, used, sold, imported, and offered for sale by Defendant and/or its customers.

23. Defendant also has and continues to directly infringe, literally or under the doctrine of equivalents, the Exemplary ’790 Patent Claims, by having its employees internally test and use these Exemplary Products.

24. **Actual Knowledge of Infringement.** The service of this Complaint, in conjunction with the attached claim charts and references cited, constitutes actual knowledge of infringement as alleged here.

25. Despite such actual knowledge, Defendant continues to make, use, test, sell, offer for sale, market, and/or import into the United States, products that infringe the ’790 Patent. On information and belief, Defendant has also continued to sell the Exemplary Defendant Products and distribute product literature and website materials inducing end users and others to use its products in the customary and intended manner that infringes the ’790 Patent. See Exhibit 8 (extensively referencing these materials to demonstrate how they direct end users to commit patent infringement).

26. **Induced Infringement.** At least since being served by this Complaint and corresponding claim charts, Defendant has actively, knowingly, and intentionally continued to induce infringement of the ’790 Patent, literally or by the doctrine of equivalents, by selling Exemplary Defendant Products to their customers for use in end-user products in a manner that infringes one or more claims of the ’790 Patent.

27. Exhibit 8 includes charts comparing the Exemplary '790 Patent Claims to the Exemplary Defendant Products. As set forth in these charts, the Exemplary Defendant Products practice the technology claimed by the '790 Patent. Accordingly, the Exemplary Defendant Products incorporated in these charts satisfy all elements of the Exemplary '790 Patent Claims.

28. Plaintiff therefore incorporates by reference in its allegations herein the claim charts of Exhibit 8.

29. Plaintiff is entitled to recover damages adequate to compensate for Defendant's infringement.

### **COUNT 3: INFRINGEMENT OF THE '500 PATENT**

30. Plaintiff incorporates the above paragraphs herein by reference.

31. **Direct Infringement.** Defendant has been and continues to directly infringe one or more claims of the '500 Patent in at least this District by making, using, offering to sell, selling and/or importing, without limitation, at least the Defendant products identified in the charts incorporated into this Count below (among the "Exemplary Defendant Products") that infringe at least the exemplary claims of the '500 Patent also identified in the charts incorporated into this Count below (the "Exemplary '500 Patent Claims") literally or by the doctrine of equivalents. On information and belief, numerous other devices that infringe the claims of the '500 Patent have been made, used, sold, imported, and offered for sale by Defendant and/or its customers.

32. Defendant also has and continues to directly infringe, literally or under the doctrine of equivalents, the Exemplary '500 Patent Claims, by having its employees internally test and use these Exemplary Products.

33. **Actual Knowledge of Infringement.** The service of this Complaint, in conjunction with the attached claim charts and references cited, constitutes actual knowledge of infringement as alleged here.

34. Despite such actual knowledge, Defendant continues to make, use, test, sell, offer for sale, market, and/or import into the United States, products that infringe the '500 Patent. On information and belief, Defendant has also continued to sell the Exemplary Defendant Products and distribute product literature and website materials inducing end users and others to use its products in the customary and intended manner that infringes the '500 Patent. See Exhibit 9 (extensively referencing these materials to demonstrate how they direct end users to commit patent infringement).

35. **Induced Infringement.** At least since being served by this Complaint and corresponding claim charts, Defendant has actively, knowingly, and intentionally continued to induce infringement of the '500 Patent, literally or by the doctrine of equivalents, by selling Exemplary Defendant Products to their customers for use in end-user products in a manner that infringes one or more claims of the '500 Patent.

36. Exhibit 9 includes charts comparing the Exemplary '500 Patent Claims to the Exemplary Defendant Products. As set forth in these charts, the Exemplary Defendant Products practice the technology claimed by the '500 Patent. Accordingly, the Exemplary Defendant Products incorporated in these charts satisfy all elements of the Exemplary '500 Patent Claims.

37. Plaintiff therefore incorporates by reference in its allegations herein the claim charts of Exhibit 9.

38. Plaintiff is entitled to recover damages adequate to compensate for Defendant's infringement.

**COUNT 4: INFRINGEMENT OF THE '836 PATENT**

39. Plaintiff incorporates the above paragraphs herein by reference.

40. **Direct Infringement.** Defendant has been and continues to directly infringe one or more claims of the '836 Patent in at least this District by making, using, offering to sell, selling and/or importing, without limitation, at least the Defendant products identified in the charts incorporated into this Count below (among the "Exemplary Defendant Products") that infringe at least the exemplary claims of the '836 Patent also identified in the charts incorporated into this Count below (the "Exemplary '836 Patent Claims") literally or by the doctrine of equivalents. On information and belief, numerous other devices that infringe the claims of the '836 Patent have been made, used, sold, imported, and offered for sale by Defendant and/or its customers.

41. Defendant also has and continues to directly infringe, literally or under the doctrine of equivalents, the Exemplary '836 Patent Claims, by having its employees internally test and use these Exemplary Products.

42. **Actual Knowledge of Infringement.** The service of this Complaint, in conjunction with the attached claim charts and references cited, constitutes actual knowledge of infringement as alleged here.

43. Despite such actual knowledge, Defendant continues to make, use, test, sell, offer for sale, market, and/or import into the United States, products that infringe the '836 Patent. On information and belief, Defendant has also continued to sell the Exemplary Defendant Products and distribute product literature and website materials inducing end users and others to use its products in the customary and intended manner that infringes the '836 Patent. See Exhibit 10



(extensively referencing these materials to demonstrate how they direct end users to commit patent infringement).

44. **Induced Infringement.** At least since being served by this Complaint and corresponding claim charts, Defendant has actively, knowingly, and intentionally continued to induce infringement of the '836 Patent, literally or by the doctrine of equivalents, by selling Exemplary Defendant Products to their customers for use in end-user products in a manner that infringes one or more claims of the '836 Patent.

45. Exhibit 10 includes charts comparing the Exemplary '836 Patent Claims to the Exemplary Defendant Products. As set forth in these charts, the Exemplary Defendant Products practice the technology claimed by the '836 Patent. Accordingly, the Exemplary Defendant Products incorporated in these charts satisfy all elements of the Exemplary '836 Patent Claims.

46. Plaintiff therefore incorporates by reference in its allegations herein the claim charts of Exhibit 10.

47. Plaintiff is entitled to recover damages adequate to compensate for Defendant's infringement.

#### **COUNT 5: INFRINGEMENT OF THE '483 PATENT**

48. Plaintiff incorporates the above paragraphs herein by reference.

49. **Direct Infringement.** Defendant directly infringed one or more claims of the '483 Patent in at least this District by making, using, offering to sell, selling and/or importing, without limitation, at least the Defendant products identified in the charts incorporated into this Count below (among the "Exemplary Defendant Products") that infringed at least the exemplary claims of the '483 Patent also identified in the charts incorporated into this Count below (the "Exemplary '483 Patent Claims") literally or by the doctrine of equivalents. On information and

belief, numerous other devices that infringed the claims of the '483 Patent have been made, used, sold, imported, and offered for sale by Defendant and/or its customers.

50. Defendant also directly infringed, literally or under the doctrine of equivalents, the Exemplary '483 Patent Claims, by having its employees internally test and use these Exemplary Products.

51. Exhibit 11 includes charts comparing the Exemplary '483 Patent Claims to the Exemplary Defendant Products. As set forth in these charts, the Exemplary Defendant Products practice the technology claimed by the '483 Patent. Accordingly, the Exemplary Defendant Products incorporated in these charts satisfy all elements of the Exemplary '483 Patent Claims.

52. Plaintiff therefore incorporates by reference in its allegations herein the claim charts of Exhibit 11.

53. Plaintiff is entitled to recover damages adequate to compensate for Defendant's infringement.

#### **COUNT 6: INFRINGEMENT OF THE '528 PATENT**

54. Plaintiff incorporates the above paragraphs herein by reference.

55. **Direct Infringement.** Defendant directly infringed one or more claims of the '528 Patent in at least this District by making, using, offering to sell, selling and/or importing, without limitation, at least the Defendant products identified in the charts incorporated into this Count below (among the "Exemplary Defendant Products") that infringed at least the exemplary claims of the '528 Patent also identified in the charts incorporated into this Count below (the "Exemplary '528 Patent Claims") literally or by the doctrine of equivalents. On information and belief, numerous other devices that infringed the claims of the '528 Patent have been made, used, sold, imported, and offered for sale by Defendant and/or its customers.

56. Defendant also directly infringed, literally or under the doctrine of equivalents, the Exemplary '528 Patent Claims, by having its employees internally test and use these Exemplary Products.

57. Exhibit 12 includes charts comparing the Exemplary '528 Patent Claims to the Exemplary Defendant Products. As set forth in these charts, the Exemplary Defendant Products practice the technology claimed by the '528 Patent. Accordingly, the Exemplary Defendant Products incorporated in these charts satisfy all elements of the Exemplary '528 Patent Claims.

58. Plaintiff therefore incorporates by reference in its allegations herein the claim charts of Exhibit 12.

59. Plaintiff is entitled to recover damages adequate to compensate for Defendant's infringement.

#### **JURY DEMAND**

60. Under Rule 38(b) of the Federal Rules of Civil Procedure, Plaintiff respectfully requests a trial by jury on all issues so triable.

#### **PRAYER FOR RELIEF**

WHEREFORE, Plaintiff respectfully requests the following relief:

- A. A judgment that the '527 Patent is valid and enforceable
- B. A judgment that Defendant has infringed directly one or more claims of the '527 Patent;
- C. A judgment that the '790 Patent is valid and enforceable
- D. A judgment that Defendant has infringed directly and indirectly one or more claims of the '790 Patent;
- E. A judgment that the '500 Patent is valid and enforceable

- F. A judgment that Defendant has infringed directly and indirectly one or more claims of the '500 Patent;
- G. A judgment that the '836 Patent is valid and enforceable
- H. A judgment that Defendant has infringed directly and indirectly one or more claims of the '836 Patent;
- I. A judgment that the '483 Patent is valid and enforceable
- J. A judgment that Defendant has infringed directly one or more claims of the '483 Patent;
- K. A judgment that the '528 Patent is valid and enforceable
- L. A judgment that Defendant has infringed directly one or more claims of the '528 Patent;
- M. An accounting of all damages not presented at trial;
- N. A judgment that awards Plaintiff all appropriate damages under 35 U.S.C. § 284 for Defendant's continuing or future infringement, up until the date such judgment is entered with respect to the '790; '500; and '836 Patents, including pre- or post-judgment interest, costs, and disbursements as justified under 35 U.S.C. § 284;
- O. A judgment that awards Plaintiff all appropriate damages under 35 U.S.C. § 284 for Defendant's past infringement at least with respect to the '527; '483; and '528 Patents.
- P. And, if necessary, to adequately compensate Plaintiff for Defendant's infringement, an accounting:

- i. that this case be declared exceptional within the meaning of 35 U.S.C. § 285 and that Plaintiff be awarded its reasonable attorneys fees against Defendant that it incurs in prosecuting this action;
- ii. that Plaintiff be awarded costs, and expenses that it incurs in prosecuting this action; and
- iii. that Plaintiff be awarded such further relief at law or in equity as the Court deems just and proper.

Dated: November 17, 2021

Respectfully submitted,

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