

UNITED STATES DISTRICT COURT
DISTRICT OF MINNESOTA

SILKEEN LLC,

File No. 17-04271

Plaintiff,

v.

COMPLAINT

MEDTRONIC, INC.,

Defendant.

Plaintiff Silkeen LLC files this Complaint against Medtronic, Inc. for infringement of United States Patent No. 7,944,469. A true and correct copy of the '469 Patent, titled "System and Method for Network Operation," is attached hereto as **Exhibit A**.

PARTIES AND JURISDICTION

1. This is an action for patent infringement under Title 35 of the United States Code. Plaintiff is seeking injunctive relief as well as damages.

2. Jurisdiction is proper in this Court pursuant to 28 U.S.C. §§ 1331 (Federal Question) and 1338(a) (Patents) because this is a civil action for patent infringement arising under the United States patent statutes.

3. Plaintiff is a Texas limited liability company with its principal office located at 555 Republic Dr., Suite 287 Plano, Texas 75074-5481.

4. On information and belief, Defendant is a Minnesota corporation having a principal place of business at 710 Medtronic Parkway, Minneapolis, Minnesota 55432. Upon information and belief, Defendant may be served with process through its registered agent, CT Corporation System, Inc., 1010 Dale St. N., St. Paul, Minnesota 55117.

5. On information and belief, this Court has personal jurisdiction over Defendant

because Defendant has committed, and continues to commit, acts of infringement in the state of Minnesota, has conducted business in the state of Minnesota, resides in Minnesota, and/or has engaged in continuous and systematic activities in the state of Minnesota.

6. On information and belief, Defendant's instrumentalities that are alleged herein to infringe were and continue to be used, imported, offered for sale, and/or sold in the District of Minnesota.

VENUE

7. Venue is proper in the District of Minnesota pursuant to 28 U.S.C. §§ 1400(b) and 1391(b) and (c) because Defendant is deemed to reside in this district.

COUNT I
INFRINGEMENT OF UNITED STATES PATENT NO. 7,944,469

8. Plaintiff incorporates paragraphs 1 through 7 herein by reference.

9. This cause of action arises under the patent laws of the United States and, in particular, under 35 U.S.C. §§ 271, *et seq.*

10. Plaintiff is the owner by assignment of the '469 Patent with sole rights to enforce the '469 Patent and sue infringers.

12. The '469 Patent is valid, enforceable, and was duly issued in full compliance with Title 35 of the United States Code.

13. Upon information and belief, Defendant has infringed and continues to infringe one or more claims, including at least Claim 1, 5, 7, and 10 of the '469 Patent by making, using, importing, selling, and/or offering for sale pulse oximetry systems ("Devices") covered by one or more claims of the '469 Patent. Defendant has infringed and continues to infringe the '469 Patent in violation of 35 U.S.C. § 271.

14. Defendant sells, offer to sell, and/or use the Devices comprising, without

limitation, Nellcor™ Portable SpO2 Patient Monitoring System, and any similar products, which infringe at least Claims 1, 5, 7, and 10 of the '469 Patent.

15. The Devices process device data such as, for example, measurements related to SpO2 content, pulse rate, etc. The devices obtain the device data, which corresponds to one or more monitoring devices such as, for example, sensors.

16. The Devices compare the monitoring device data to previously collected device data. For example, the Devices compare SpO2 content, pulse rate, etc. to data previously collected and which is confined within a threshold limit as set by a user. On information and belief, the accused product also allows for the continuous monitoring of a variety of conditions and compares current data with data previously collected to identify trends or changes.

17. The Devices generate an output (e.g., visual and/or audio alert) if the monitoring device data substantially deviates from the previously collected monitoring device data. For example, if the SpO2 content or pulse rate measurements deviate from the data confined within the threshold limit, an output is generated. On information and belief, the accused product will also generate an output (e.g. an alert/alarm) when current monitoring data deviates from that monitoring data previously collected (e.g. based on the accused products ability to monitor collected data and indicate changes or variances in trend, on information and belief, the accused product will activate an alarm when current monitoring data differs from data collected in the past). On information and belief, the monitoring device data is stored in tables that include dimensions (e.g., SpO2 content and pulse rate) and measures (e.g., percentage for SpO2 and BPM for pulse rate, etc.). On information and belief, Defendant must use and maintain a multi-dimensional database in order to store and display the measurements, and the date and time of the measurements, to a user.

18. The Devices comprise monitoring device data (e.g., measurement related to SpO2 content and pulse rate) stored in the tables, which is updated periodically to reflect desired norms within a given dimension (e.g., SpO2 content and pulse rate), and wherein the monitoring device data is compared to the desired norms to determine a rule violation (e.g., (e.g., on information and belief, the accused product will compare current monitoring data to previously collected monitoring data to determine if a change or variance warrants an alarm, additionally, the accused product can sound alarms based on user set thresholds).

19. Regarding Claim 5, the output corresponds to the generation of an alarm signal. For example, the Devices generate an alarm signal when the threshold is exceeded.

20. Regarding Claim 7, the output corresponds to the generation of a notification or notification sequence. For example, the Devices generate notifications and/or notification sequences in the form of visual and audio alerts.

21. Regarding Claim 10, on information and belief, the tables are fact tables that employ data cubes that include dimensions and measures. For example, Defendant must use and maintain a multi-dimensional database in order to store and display the SpO2 content and pulse rate, and the date and time of the readings, to a user. On information and belief, data that is stored and linked via multiple indexes must be stored in a multidimensional data cube.

22. Defendant's actions complained of herein will continue unless Defendant is enjoined by this court.

23. Defendant's actions complained of herein are causing irreparable harm and monetary damage to Plaintiff and will continue to do so unless and until Defendant is enjoined and restrained by this Court.

24. Plaintiff is in compliance with 35 U.S.C. § 287.

DEMAND FOR JURY TRIAL

Plaintiff hereby demands a trial by jury of all issues so triable.

PRAYER FOR RELIEF

WHEREFORE, Plaintiff asks the Court to:

(a) enter judgment for Plaintiff on this Complaint on all causes of action asserted herein;

(b) enter an Order enjoining Defendant, its agents, officers, servants, employees, attorneys, and all persons in active concert or participation with Defendant who receive notice of the order from further infringement of United States Patent No. 7,944,469 (or, in the alternative, awarding Plaintiff a running royalty from the time of judgment going forward);

(c) award Plaintiff damages resulting from Defendant's infringement in accordance with 35 U.S.C. § 284;

(d) award Plaintiff pre-judgment and post-judgment interest and costs; and,

(e) award Plaintiff such further relief to which the Court finds Plaintiff entitled under law or equity.

Dated: September 14, 2017

/s/ David P. Swenson

David P. Swenson

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