UNITED STATES DISTRICT COURT
FOR THE WESTERN DISTRICT OF WISCONSIN

ST REPRODUCTIVE TECHNOLOGIES, LLC § d/b/a STINSIGHT, § § Plaintiff, § § v. § § SMAXTEC INC. and § SMAXTEC ANIMAL CARE GMBH, § § Defendants. §	Civil Action No. 24-cv-37 JURY TRIAL DEMANDED

PLAINTIFF'S COMPLAINT

Plaintiff, ST Reproductive Technologies, LLC d/b/a STinsight ("STinsight"), files this Complaint for patent infringement, damages, and injunctive relief against smaXtec Inc. and smaXtec Animal Care GmbH. In support of the Complaint, STinsight alleges as follows:

I.   THE PARTIES

1.   STinsight is a limited liability company organized under Delaware law. STinsight's principal place of business is at 22575 State HWY 6 South, Navasota, Texas 77868.

2.   smaXtec Inc. is a company organized under Wisconsin law with its principal place of business in Madison, Wisconsin. smaXtec Inc. may be served by delivering a copy of the complaint to its registered agent for service of process: John Etter, 4009 Felland Road, Suite 109, Madison, Wisconsin 53718.

3.   smaXtec Animal Care GmbH ("smaXtec Animal Care") is a corporation organized under the laws of Austria. On information and belief, smaXtec Animal Care's principal place of business is Sandgasse 36/2, 8010 Graz, Austria.

1

II.   NATURE OF THE ACTION

4.   This civil action includes claims against smaXtec Animal Care and smaXtec Inc. for infringement of U.S. Patent No. 8,823,515 ("the '515 Patent") and U.S. Patent No. 9,844,206 ("the '206 Patent") under the patent laws of the United States, 35 U.S.C. § 271 *et seq.*

5.   STinsight is seeking damages, enhanced damages, prejudgment interest, attorneys' fees, and any other relief that is available and warranted under applicable law from smaXtec Animal Care and smaXtec Inc.

III.   JURISDICTION AND VENUE

6.   This Court has subject matter jurisdiction over this matter pursuant to 28 U.S.C. §§ 1331 and 1338(a) because this action arises under the patent laws of the United States, including 35 U.S.C. § 271 *et seq.*

7.   This Court has personal jurisdiction over smaXtec Inc. because smaXtec Inc. is incorporated in this state, has its principal place of business in this district, has continuous and systematic contacts with this state, and has committed acts within this state and this judicial district that give rise to this action.

8.   This Court has personal jurisdiction over smaXtec Animal Care because smaXtec Animal Care has continuous and systematic contacts with this state and has committed acts within this state and this judicial district that gave rise to this action. In addition, smaXtec Animal Care is smaXtec Inc.'s parent company and, upon information and belief, smaXtec Animal Care directs and controls certain actions of smaXtec Inc. within this state and this judicial district that pertain to the allegations in this Complaint.

9.   Venue is proper against smaXtec Inc. under at least 28 U.S.C. § 1400 because smaXtec Inc. has committed an act of infringement in this district and has a regular and established place of business in this district. Venue is also proper against smaXtec Inc. under 28

U.S.C. § 1391(b)(2) because a substantial part of the events giving rise to the claims occurred in this district.

10.   Venue is proper against smaXtec Animal Care under at least 28 U.S.C. § 1400 because it has committed acts of infringement in this district and has a regular and established place of business in this district. Venue is also proper against smaXtec Animal Care under at least 28 U.S.C. § 1391(b)(2) because a substantial part of the events giving rise to the claims occurred in this district. To the extent smaXtec Animal Care is not deemed to reside in this district for any particular claim or claims, venue is proper under 28 U.S.C. § 1391(c)(3), which mandates that defendants not resident in the United States may be sued in any judicial district.

IV.   FACTUAL BACKGROUND

11.   As part of its business, STinsight researches, develops, uses, and commercializes technology related to novel herd tracking and management systems. In general, these systems track and manage animal herds by collecting and analyzing stored data and data transmitted from sensors implanted in the animals. For example, the system could include a device implanted in a cow's reticulum (the "second stomach") to measure and record data, such as location data, identification data, and temperature. The data is linked to a database where it can be used to assess and monitor the animal's health in real-time. The '515 and '206 Patents asserted here relate to such technology and are used in STinsight's own commercially available bolus-based health monitoring and herd management system.

12.   The '515 Patent is entitled "Computer Implemented Animal Management System." The PCT application that issued as the '515 Patent was filed on September 14, 2010, and the U.S. Patent and Trademark Office issued the '515 Patent on September 2, 2014.

13.   The '206 Patent is entitled "Computer Implemented Animal Management System." The application that issued as the '206 Patent was filed on August 29, 2014, and the U.S. Patent and Trademark Office issued the '206 Patent on December 19, 2017.

14.   The '515 and '206 Patents share a patent specification, and both claim priority to provisional application 61/276,723, which was filed on September 15, 2009. The '206 Patent also claims priority to the PCT application filed on September 14, 2010 that led to the '515 Patent.

15.   STinsight acquired the '515 and '206 Patents from Bella Technologies, LLC. STinsight owns the entire right, title, and interest to the '515 and '206 Patents, including the right to sue for past, current, and future damages.

16.   The inventions claimed in the '515 and '206 Patents are directed to specific systems and methods for tracking and managing animals that include the implantation of radio-frequency identification devices in the animal. The implanted devices collect information on the animal (*e.g.*, identification data, location data, and temperature) and are integrated into a system that receives and analyzes the information.

17.   The claimed systems and methods allow for significant advantages in the art, particularly for cattle breeders. For example, claim 1 of the '515 Patent and claim 17 of the '206 Patent require a "device implanted in an animal" that collects data and "links" or "matches" that data with information stored in an external database. Such data can include the temperature of the animals across a herd, which those in the art rely on to assess the health of the animals and provide appropriate treatment as needed. The claims thus enable numerous advantages including, for example, the automatic and frequent collection of temperature data, as opposed to the conventional method of taking the rectal temperature of individual animals infrequently (*e.g.*,

4

once per day). This reduces labor time and expense, reduces stress on the animals from repeated

measurement of rectal temperature, and allows better and safer treatment options from earlier

detection.

18.   As another example, claim 17 of the '206 Patent specifically requires "retriev[ing]

date-time information" from the implanted device in addition to retrieving "animal information."

This exemplifies how the claimed systems can be used to continuously monitor the temperature

of an animal, determine an average temperature for that animal, and correlate each temperature

reading with the time of day. This is advantageous because animals' temperatures often fluctuate

throughout the day, and thus the claimed invention allows those in the art to more reliably assess

the health of the animal.

19.   Upon information and belief, smaXtec Inc. imports, uses, offers to sell, and sells a

bolus-based herd health monitoring system known as the "smaXtec System" in the United States.

See, e.g., https://smaxtec.com/en/smaxtec-services/.

20.   Upon information and belief, smaXtec Animal Care is directly involved in or

directs and controls the manufacture, importation, use, offers to sell, and sale of the smaXtec

System in the United States.

V.   COUNT I – INFRINGEMENT OF U.S. PATENT NO. 8,823,515

21.   Each of the above paragraphs 1 through 20 is incorporated by reference into this

count as if fully restated herein.

22.   On September 2, 2014, the '515 Patent was duly and legally issued for an

invention titled "Computer Implemented Animal Management System." A true and correct copy

of the '515 Patent is attached hereto as Exhibit A.
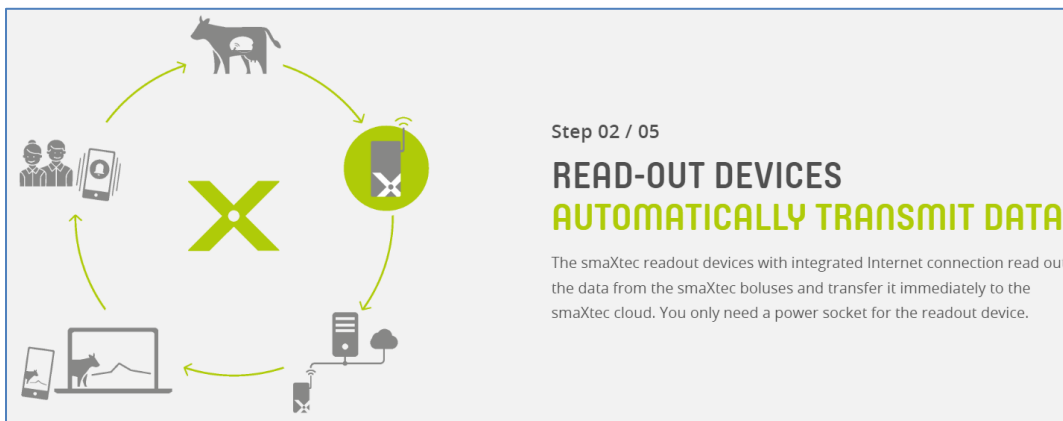
23.   STinsight is the owner of the '515 Patent.

24.   smaXtec Inc. infringes and continues to infringe at least claim 1 of the '515 Patent (either literally or under the doctrine of equivalents) by making, importing, using, selling, and/or offering to sell the smaXtec System. Moreover, on information and belief, smaXtec Inc. has indirectly infringed, and continues to indirectly infringe, the '515 Patent by inducing infringement, wherein the direct infringers include, but are not limited to, smaXtec Inc.'s affiliates, employees, contractors, and customers.

25.   smaXtec Animal Care also infringes and continues to infringe at least claim 1 of the '515 Patent (either literally or under the doctrine of equivalents) by making, importing, using, selling, and/or offering to sell the smaXtec System. Moreover, smaXtec Animal Care has indirectly infringed, and continues to indirectly infringe, the '515 Patent by inducing infringement, wherein the direct infringers include, but are not limited to, smaXtec Inc. and other affiliates of smaXtec Animal care, employees, contractors, and customers. For example, smaXtec Animal Care induces infringement by actively directing and controlling others in the use of the smaXtec System, with the knowledge that such use constitutes patent infringement.

26.   Upon information and belief, the smaXtec System meets every limitation of the method claimed in at least claim 1 of the '515 Patent, in at least the way described below.

27.   Claim 1 of the '515 Patent recites a "computer implemented method of animal tracking." Using the smaXtec System involves using a computer implemented method for tracking animals, namely cows within a herd. *See* https://smaxtec.com/en/; https://www.agriexpo.online/prod/smaxtec-animal-care-gmbh/product-172514-9493.html (referring to a "Tracking bolus smaXtec Bolus pH Plus").

28.   Claim 1 further recites "connecting a computer to an RFID device reader." "RFID" in the '515 Patent refers to various radiofrequency identification technologies, which

would include "LoRa" or "LoRaWAN" technologies that use radiofrequencies to transmit and receive identification and other data. The smaXtec System includes RFID device readers that employ such technologies, namely "read-out devices" that collect and transmit data from a cow:

https://smaxtec.com/en/function/. An example of a smaXtec read-out device is shown below:

https://smaxtec.com/en/smaxtec-system-in-detail/#infrastructure.

29.   Further, the read-out devices in the smaXtec System are connected to a computer:

https://smaxtec.com/en/function; *see also* https://smaxtec.com/en/smaxtec-system-in-detail/#infrastructure (explaining that "[y]ou can access your data via browser on every PC").

30.   Claim 1 further recites "reading an RFID device implanted in an animal with said RFID device reader." The smaXtec System includes an RFID device implanted in an animal, namely "boluses" that are implanted in a cow's reticulum and that "continuously collect data" from the cow:
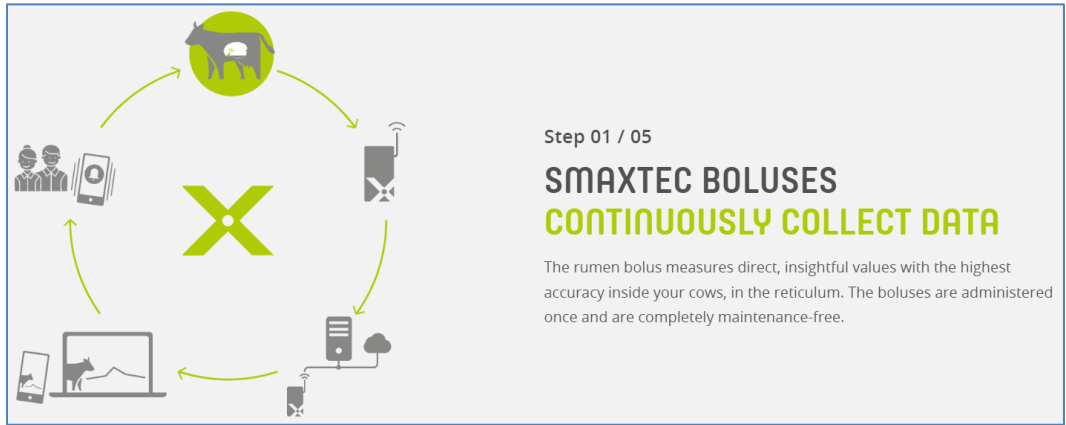
https://smaxtec.com/en/function/. One such bolus is the smaXtec "pH bolus" shown below:

8

https://smaxtec.com/en/smaxtec-system-in-detail/#infrastructure. The read-out devices discussed above are RFID device readers that receive and read information from boluses, which are RFID devices implanted in an animal.

31.   Claim 1 further recites "retrieving an amount of animal identification information from said RFID device implanted in an animal." Each bolus in the smaXtec System is assigned to a particular animal:
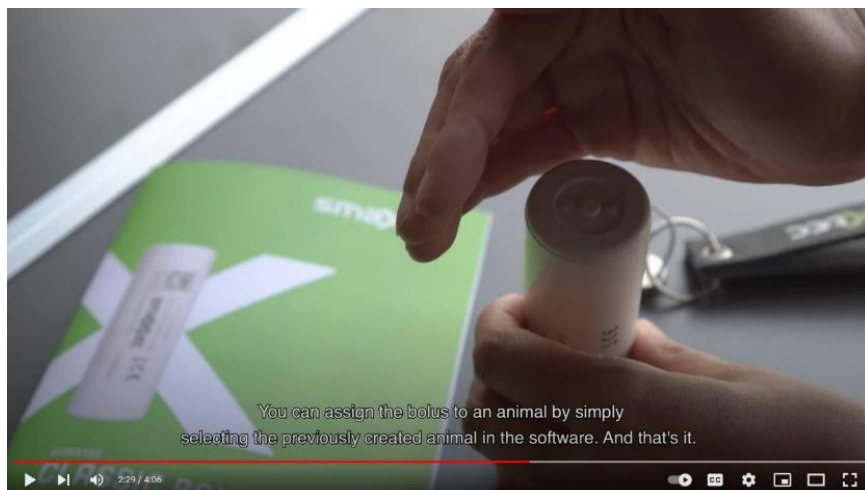
https://www.youtube.com/watch?v=tzBHxxk2c8k&ab_channel=smaXtec. The smaXtec System assigns an identification number (*i.e.*, the "name" in the image below) to each bolus/animal:

9

smaXtec Messenger Dashboard

https://www.youtube.com/watch?v=NYwH8hRD6sk.
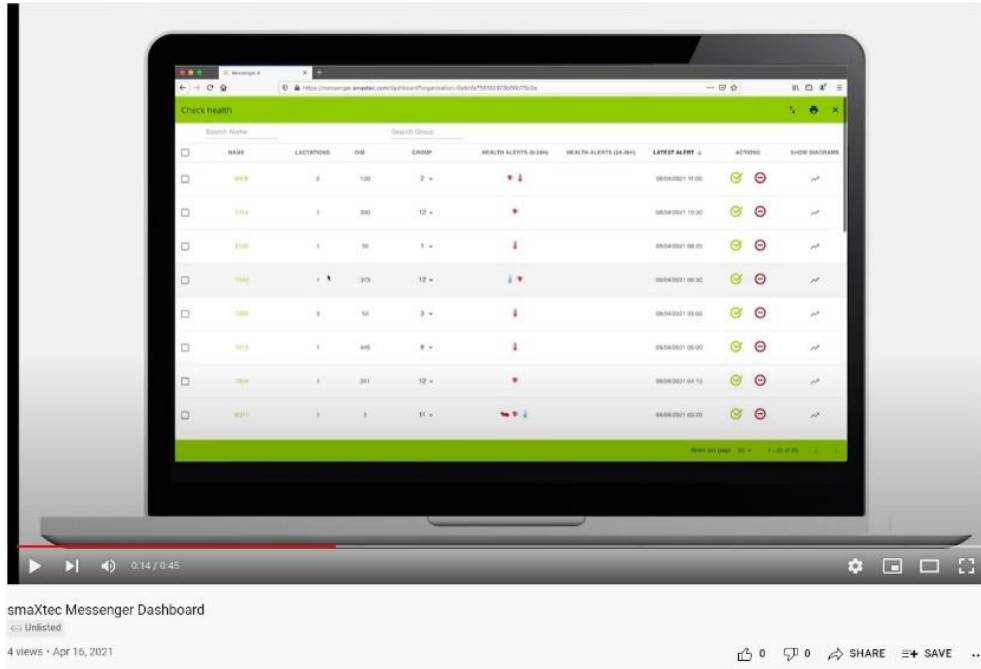
32.   Claim 1 further recites "linking an amount of animal information of said animal stored in a data base of said computer to said amount of information retrieved from said RFID device implanted in said animal, said amount of animal information stored in said data base of said computer comprising an amount of milk production information or an amount of days milked." The smaXtec System includes a database that stores information about each animal, and it links that information to a particular animal/bolus identification number. As shown above, this stored "animal information" specifically includes the amount of days milked (or "DIM").

33.   Claim 1 further recites "converting said amount of animal information of said animal stored in said database of said computer linked to said amount of information retrieved from said RFID device implanted in said animal into one or more logical variables; inserting at least one of said plurality of logical variables into at least one logical expression; and obtaining a logical value relating to said animal." The smaXtec System's "artificial intelligence" features

10

operate by converting stored and retrieved animal information into logical variables, inserting

them into logical expressions, and obtaining logical values:

Step 03 / 05

COMPREHENSIVE
DATA ANALYSIS

At smaXtec, cow knowledge grows every second. And you benefit from it too! We analyse the unique cow data from all over the world with the help of artificial intelligence (AI)-based applications and combine it with knowledge from agricultural scientists and veterinarians. You receive precise alerts and recommendations for action so that you can take the right measures at the right time. This way, you increase animal welfare and your farm's success at the same time.

https://smaxtec.com/en/function/.

34.   The smaXtec System's use of a linked bolus device implanted in animals to

generate "drinking alerts" for particular animals is one example of how using the smaXtec

System involves converting animal information into logical variables, inserting the logical

variables into a logical expression, and obtaining a logical value relating to the animal. *See*

https://smaxtec.com/en/blog/drinking-behaviour-of-dairy-cows/. The implanted device regularly

measures the animal's temperature and sends that information to a remote system. *Id.* The

system determines that an animal is drinking if there is a drop in temperature. *Id.* The system

stores information on the number of "drinking cycles" per day and links that information to an

animal's bolus ID. *Id.* The system determines that a drinking alert is appropriate by calculating

whether there is "[i]nsufficient water intake" because "[t]he number of drinking cycles per day is

too low." *Id.* In this example, the system converts the sensed temperature measurements into

variables in a calculation that determines certain attributes for the animal, such as the number of

drinking cycles per day and whether the number of drinking cycles is too low.

35.   The smaXtec System's illness detection alert feature is another example of how using the smaXtec System involves converting animal information into logical variables, inserting the logical variables into a logical expression, and obtaining a logical value relating to the animal. *See* https://smaxtec.com/en/blog/pneumonia-in-dairy-cows/. Specifically, the system calculates and stores an animal's "regular temperature" through "continuous measurement of the inner body temperature, because the bolus records the inner body temperature with the highest accuracy (+/- 0.01° C)." *Id.* The system calculates that an alert is appropriate when it "detects even the smallest deviations from the animal's regular temperature," which can be indicative of an illness, such as pneumonia. *Id.* In this example, the system converts the sensed temperature measurements into variables in a calculation that determines whether the current temperature deviates from the regular temperature.

36.   smaXtec Inc.'s and smaXtec Animal Care's use of the patented method, and inducement of others to use the patented method, is without STinsight's authorization. Accordingly, smaXtec Inc. and smaXtec Animal Care have infringed, and continue to infringe, the '515 Patent.

37.   Upon information and belief, smaXtec Inc. and smaXtec Animal Care have long been aware of the '515 Patent. Moreover, STinsight notified smaXtec Inc. and smaXtec Animal Care that the smaXtec System infringes the '515 Patent. Despite this notice, however, smaXtec Inc. and smaXtec Animal Care continue to knowingly and willfully infringe the '515 Patent.

38.   smaXtec Inc. and smaXtec Animal Care should be permanently enjoined from practicing the '515 Patent. smaXtec Inc.'s and smaXtec Animal Care's infringing use of the '515 Patent is likely to cause irreparable harm to STinsight. STinsight is an innovator in bolus-based herd health technology and derives revenue from the sale and use of its technology, and

STinsight has never licensed its technology. If smaXtec Inc. and smaXtec Animal Care are permitted to continue to use STinsight's technology, it would undermine STinsight's exclusive rights to the technology. This is likely to harm the value of STinsight's technology and reputation and cause irreparable injury to STinsight. Moreover, if smaXtec Inc. and smaXtec Animal Care are permitted to incorporate STinsight's innovative technology into its products and services, STinsight's reputation as an innovator will be irreparably damaged.

39.   In addition, STinsight has been, and will continue to be, irreparably harmed by smaXtec Inc.'s and smaXtec Animal Care's continued infringement of its patents because STinsight will be forced to invest time and money in litigation enforcing its patents instead of investing in researching and developing its technology.

40.   A permanent injunction against smaXtec Inc. and smaXtec Animal Care is necessary to avoid irreparable injury to STinsight.

41.   Finally, smaXtec Inc.'s and smaXtec Animal Care's infringement has caused harm to STinsight, and STinsight is entitled to recover damages from smaXtec Inc. and smaXtec Animal Care in an amount subject to proof at trial.

VI.   COUNT II – INFRINGEMENT OF U.S. PATENT NO. 9,844,206

42.   Each of the above paragraphs 1 through 41 is incorporated by reference into this count as if fully restated herein.

43.   On December 19, 2017, the '206 Patent was duly and legally issued for an invention titled "Computer Implemented Animal Management System." A true and correct copy of the '206 Patent is attached hereto as Exhibit B.

44.   STinsight is the owner of the '206 Patent.

45.   smaXtec Inc. infringes and continues to infringe at least claims 1 and 17 of the '206 Patent (either literally or under the doctrine of equivalents) by making, importing, using,

selling, and/or offering to sell the smaXtec System. Moreover, smaXtec Inc. has indirectly infringed, and continues to indirectly infringe, the '206 Patent by inducing infringement, wherein the direct infringers include, but are not limited to, smaXtec Inc.'s affiliates, employees, contractors, and customers.

46.   smaXtec Animal Care also infringes and continues to infringe at least claims 1 and 17 of the '206 Patent (either literally or under the doctrine of equivalents) by making, importing, using, and/or offering to sell the smaXtec System. Moreover, smaXtec Animal Care has indirectly infringed, and continues to indirectly infringe, the '206 Patent by inducing infringement, wherein the direct infringers include, but are not limited to, smaXtec Inc. and other affiliates of smaXtec Animal care, employees, contractors, and customers. For example, smaXtec Animal Care induces infringement by actively directing and controlling others in the use of the smaXtec System, with the knowledge that such use constitutes patent infringement.

47.   Upon information and belief, the smaXtec System meets every limitation of the system claimed in at least claim 17 of the '206 Patent, in at least the way described below.

48.   Claim 17 of the '206 Patent requires a "computer implemented animal management system." The smaXtec System is a computer implemented animal management system, namely a system for managing the health of cows within a herd.

49.   Claim 17 recites "a processor communicatively coupled to a non-transitory computer readable media." The smaXtec System is implemented by a computer:
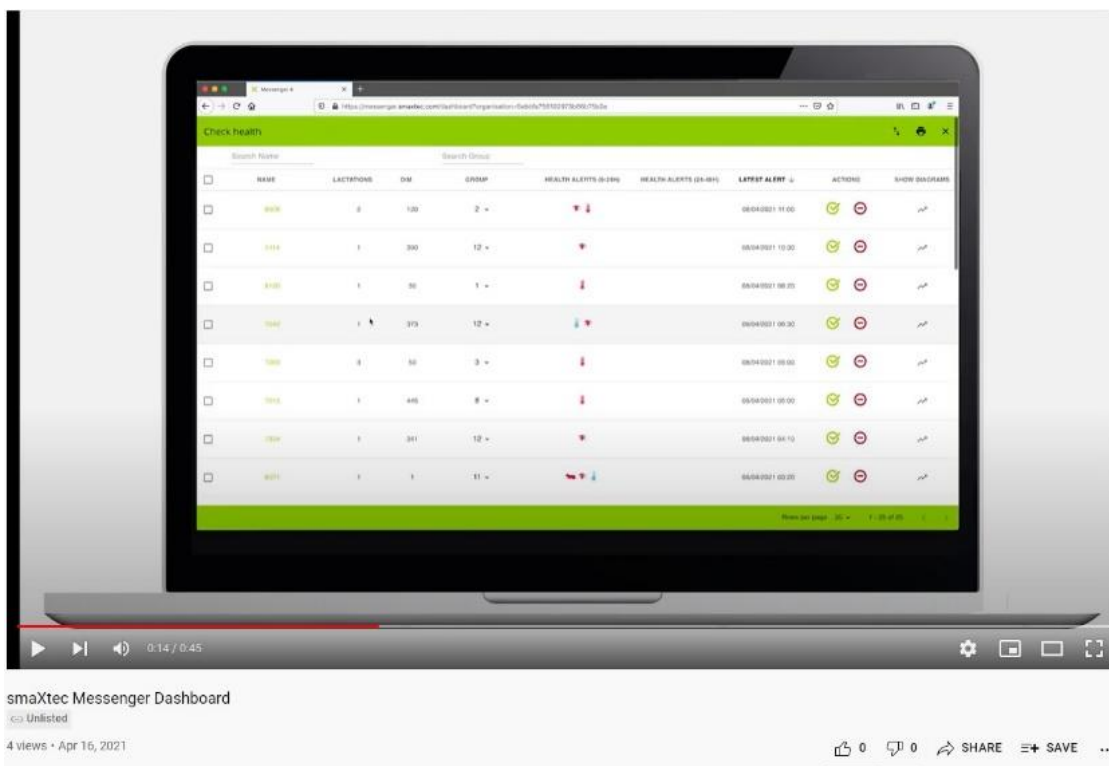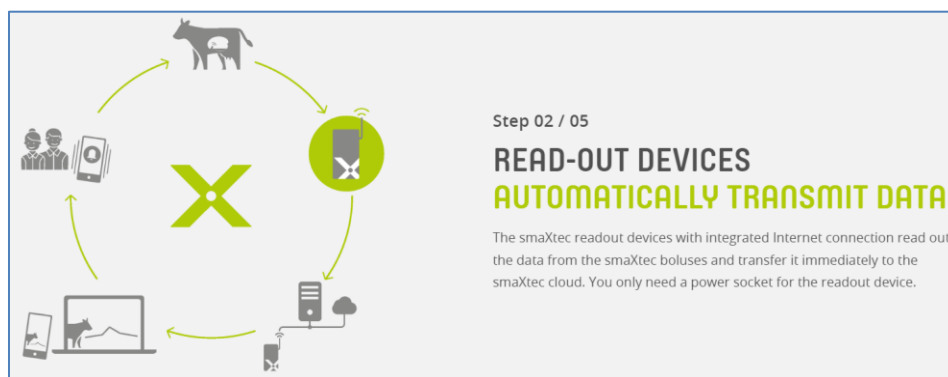
http://smaxtec.com/en.

50.   Claim 17 further recites that the processor contain program instructions executable to "retrieve animal identification information from an RFID device implanted in an animal." "RFID" in the '206 Patent refers to various radiofrequency identification technologies, which would include "LoRa" or "LoRaWAN" technologies that use radiofrequencies to transmit and receive identification and other data. The smaXtec System includes boluses implanted in a cow's reticulum, which are RFID devices that employ such technology. In particular, each bolus in the smaXtec System is assigned to a particular animal:

15
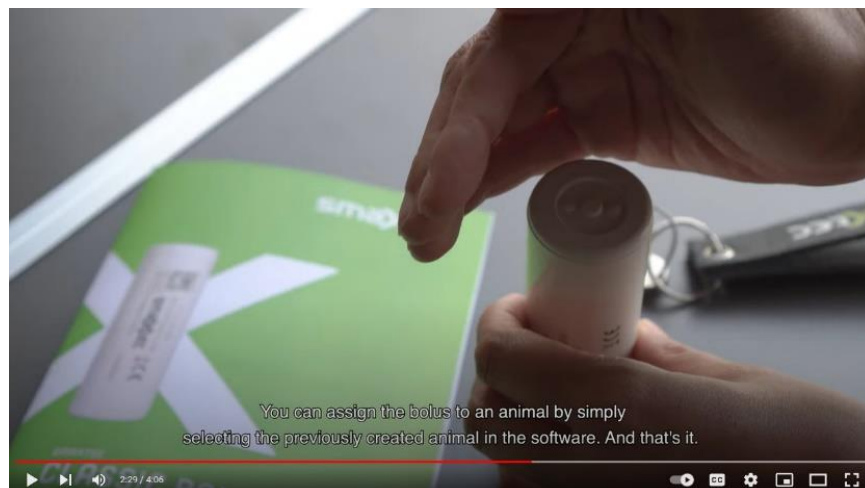
https://www.youtube.com/watch?v=tzBHxxk2c8k&ab_channel=smaXtec. The smaXtec System

also assigns an identification number (*i.e.*, the "name" in the image below) to each bolus/animal:


https://www.youtube.com/watch?v=NYwH8hRD6sk. The smaXtec System further includes

"read-out devices" for retrieving that information:
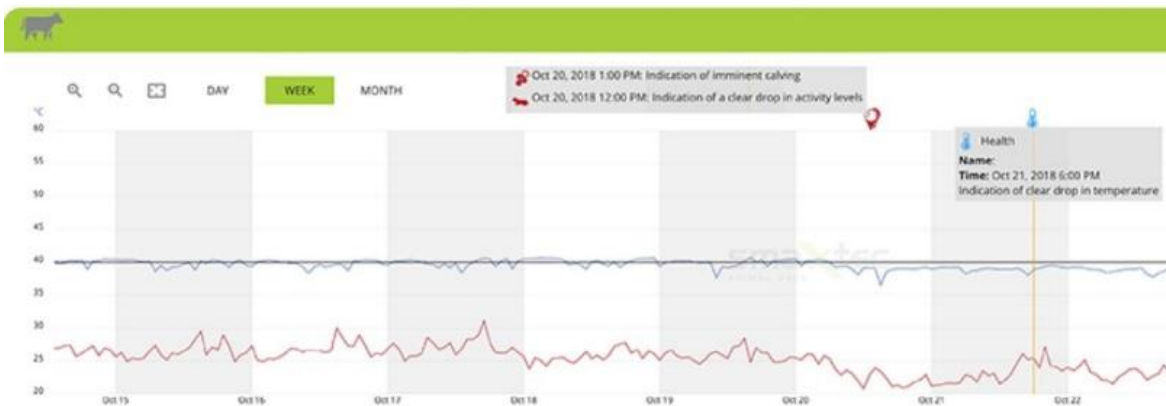

https://smaxtec.com/en/function.

51.   Claim 17 further recites that the processor contain program instructions executable to "retrieve sensed animal information from said RFID device." The smaXtec System senses animal information, such as temperature, rumination, and activity levels:
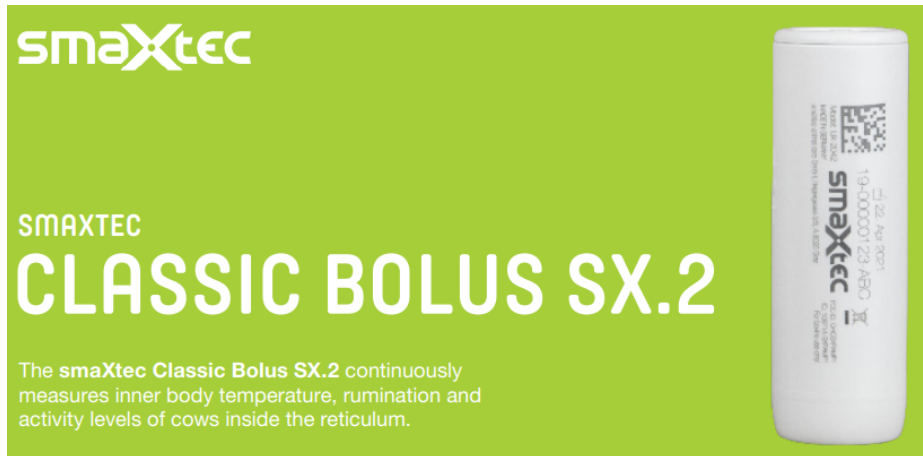
https://smaxtec.com/en/smaxtec-system-in-detail/#boli ("Product Sheet" for "Classic Bolus SX.2"). That information is retrieved by the read-out devices discussed above.

52.   Claim 17 further recites that the processor contains program instructions executable to "retrieve date-time information from said RFID device." The data retrieved by the read-out devices from the boluses includes date and time information:

https://smaxtec.com/en/blog/measuring-inner-body-temperature-of-dairy-cows/.

53.   Claim 17 further recites that the processor contains program instructions executable to "match said sensed animal information retrieved from said RFID device to animal information stored in a database." The smaXtec System includes a database that stores information about each animal by animal/bolus number, and it matches the sensed animal information from the RFID, including temperature, to the animal information stored in the database.

54.   Claim 17 further recites that the processor contain program instructions executable to "enter said sensed animal information retrieved from said RFID device and said animal information stored in said database as logical variables into at least one logical expression; and solve said at least one logical expression to obtain a corresponding at least one logical value." The smaXtec System's "artificial intelligence" features operate by converting stored and retrieved animal information into logical variables, inserting them into logical expressions, and obtaining logical values:

Step 03 / 05

COMPREHENSIVE DATA ANALYSIS

At smaXtec, cow knowledge grows every second. And you benefit from it too! We analyse the unique cow data from all over the world with the help of artificial intelligence (AI)-based applications and combine it with knowledge from agricultural scientists and veterinarians. You receive precise alerts and recommendations for action so that you can take the right measures at the right time. This way, you increase animal welfare and your farm's success at the same time.

https://smaxtec.com/en/function/.

55.   The smaXtec System's use of a linked bolus device implanted in animals to generate "drinking alerts" for particular animals is one example of how using the smaXtec

System involves entering animal information as logical variables into at least one logical expression and solving the logical expression to obtain a corresponding logical value. *See* https://smaxtec.com/en/blog/drinking-behaviour-of-dairy-cows/. The implanted device regularly measures the animal's temperature and sends that information to a remote system. *Id.* The system determines that an animal is drinking if there is a drop in temperature. *Id.* The system stores information on the number of "drinking cycles" per day and links that information to an animal's bolus ID. *Id.* The system determines that a drinking alert is appropriate by calculating whether there is "[i]nsufficient water intake" because "[t]he number of drinking cycles per day is too low." *Id.* In this example, the system enters the animal's temperature measurements into a calculation that determines certain attributes for the animal, such as the number of drinking cycles per day and whether the number of drinking cycles is too low.

56.   The smaXtec System's illness detection alert feature is another example of how using the smaXtec System involves entering animal information as logical variables into at least one logical expression and solving the logical expression to obtain a corresponding logical value. *See* https://smaxtec.com/en/blog/pneumonia-in-dairy-cows/. Specifically, the system calculates and stores an animal's "regular temperature" through "continuous measurement of the inner body temperature, because the bolus records the inner body temperature with the highest accuracy (+/- 0.01° C)." *Id.* The system calculates that an alert is appropriate when it "detects even the smallest deviations from the animal's regular temperature," which can be indicative of an illness, such as pneumonia. *Id.* In this example, the animal's temperature readings are entered into the system to determine whether the current temperature deviates from the animal's regular temperature.

57.   smaXtec Inc. and smaXtec Animal Care also infringe Claim 1 of the '206 Patent

for the reasons already provided. In particular, Claim 1 of the '206 Patent includes many of the

same limitations as Claim 17, and those limitations are found in smaXtec's System as described

above. Claim 1 further recites that the database includes "an amount of milk production or a

number of days in milk." As described in Count I, the database of the smaXtec System includes

this information.

58.   smaXtec Inc.'s and smaXtec Animal Care's making, using, importing, selling, and

offering to sell the patented system is without STinsight's authorization. Accordingly, smaXtec

Inc. and smaXtec Animal Care have directly infringed, and continue to directly infringe, the '206

Patent.

59.   Upon information and belief, smaXtec Inc. and smaXtec Animal Care have long

been aware of the '206 Patent. Moreover, STinsight notified smaXtec Inc. and smaXtec Animal

Care that the smaXtec System infringes the '206 Patent. Despite this notice, however, smaXtec

Inc. and smaXtec Animal Care continue to knowingly and willfully infringe the '206 Patent.

60.   smaXtec Inc. and smaXtec Animal Care should be permanently enjoined from

practicing the '206 Patent. smaXtec Inc.'s and smaXtec Animal Care's infringing use of the '206

Patent is likely to cause irreparable harm to STinsight. STinsight is an innovator in bolus

technology and derives revenue using its technology, and STinsight has never licensed its

technology. If smaXtec Inc. and smaXtec Animal Care are permitted to continue to use

STinsight's technology, it would undermine STinsight's exclusive rights to the technology. This

is likely to harm the value of STinsight's technology and reputation and cause irreparable injury

to STinsight. Moreover, if smaXtec Inc. and smaXtec Animal Care are permitted to incorporate

STinsight's innovative technology into its products and services, STinsight's reputation as an innovator will be irreparably damaged.

61.   In addition, STinsight has been, and will continue to be, irreparably harmed by smaXtec Inc.'s and smaXtec Animal Care's continued infringement of its patents because STinsight will be forced to invest time and money in litigation enforcing its patents instead of investing in researching and developing its technology.

62.   A permanent injunction against smaXtec Inc. and smaXtec Animal Care is necessary to avoid irreparable injury to STinsight.

63.   Finally, smaXtec Inc.'s and smaXtec Animal Care's infringement has caused harm to STinsight, and STinsight is entitled to recover damages from smaXtec Inc. and smaXtec Animal Care in an amount subject to proof at trial.

VII.   ATTORNEYS' FEES

64.   The above paragraphs 1 through 63 is incorporated by reference as if fully restated herein.

65.   Defendants' conduct, including their willful patent infringement and their knowing and deliberate decision to engage in infringing conduct not permitted by license or court order, makes this case exceptional. Plaintiffs, therefore, are entitled to collect reasonable attorneys' fees pursuant to 35 U.S.C. § 285.

VIII.   PRAYER FOR RELIEF

WHEREFORE Plaintiff prays for judgment based on claims of the '515 and '206 Patents and seek relief against Defendants as follows:

(a) for judgment that Defendants have infringed the '515 Patent;

(b) for judgment that Defendants have infringed the '206 Patent;

(c) for judgment that Defendants infringement is willful;

(d) for an accounting of all damages sustained by Plaintiff as the result of the acts of

infringement by Defendants, but not less than a reasonable royalty under 35 U.S.C.

§ 284;

(e) for increased damages pursuant to 35 U.S.C. § 284;

(f) for a permanent injunction against Defendants' continuing infringement, or in the

alternative, an ongoing royalty for continued infringement of the '515 Patent;

(g) for a permanent injunction against Defendants' continuing infringement, or in the

alternative, an ongoing royalty for continued infringement of the '206 Patent;

(h) for an award of attorneys' fees and costs pursuant to 35 U.S.C. § 285;

(i) for all actual damages together with prejudgment interest and post-judgment interest;

and

(j) all other and further relief as the Court may deem just and proper.

IX.   JURY DEMAND

Pursuant to Federal Rule of Civil Procedure 38(b), Plaintiff demands a jury trial on all

issues so triable.

Dated: January 18, 2024   Respectfully submitted,

/s/ Sarah A. Zylstra
SARAH A. ZYLSTRA
Wisconsin State Bar No. 1033159
BOARDMAN & CLARK LLP
One South Pinckney, Suite 410
P.O. Box 927
Madison, Wisconsin 53701-0927
Telephone: (607) 257-9521
szylstra@boardmanclark.com

DANIEL L. MOFFETT
(*pro hac vice motion to be filed*)
dmoffett@akingump.com
GEORGE A. L. ROSBROOK
(*pro hac vice motion to be filed*)

22

arosbrook@akingump.com
AKIN GUMP STRAUSS HAUER & FELD, LLP
112 East Pecan, Suite 1010
San Antonio, Texas 78205
Telephone: (210) 281-7000
Facsimile: (210) 224-2035

THOMAS W. LANDERS, IV
(*pro hac vice motion to be filed)*
twlanders@akingump.com
AKIN GUMP STRAUSS HAUER & FELD LLP
1111 Louisiana Street, 44th Floor
Houston, Texas 77002
Telephone: (713) 250-2137
Fax: (713) 236-0822

MEGAN R. MAHONEY
(*pro hac vice motion to be filed*)
mmahoney@akingump.com
AKIN GUMP STRAUSS HAUER & FELD LLP
One Bryant Park
Bank of America Tower
New York City, New York 10036
Telephone: (212) 872-8143
Fax: (212) 872-1002

**ATTORNEYS FOR PLAINTIFF ST
REPRODUCTIVE TECHNOLOGIES,
LLC**