



DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

MAY - 4 2000

Food and Drug Administration
9200 Corporate Boulevard
Rockville MD 20850

Nicholas G. Levandoski, Ph.D.
President
IRT Management Corporation
470 Ansin Boulevard, Suite G
Hallandale, Florida 33009

Re: K980672
Trade Name: BioStar Airbrator
Regulatory Class: II
Product Code: KOJ
Dated: February 18, 1998
Received: February 20, 1998

Dear Dr. Levandoski:

We have reviewed your Section 510(k) notification of intent to market the device referenced above and we have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration.

If your device is classified (see above) into either class II (Special Controls) or class III (Premarket Approval), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 895. A substantially equivalent determination assumes compliance with the Good Manufacturing Practice for Medical Devices: General (GMP) regulation (21 CFR Part 820) and that, through periodic GMP inspections, the Food and Drug Administration (FDA) will verify such assumptions. Failure to comply with the GMP regulation may result in regulatory action. In addition, FDA may publish further announcements concerning your device in the Federal Register. Please note: this response to your premarket notification submission does not affect any obligation you might have under sections 531 through 542 of

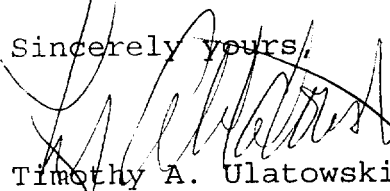
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the Act for devices under the Electronic Product Radiation Control provisions, or other Federal laws or regulations.

This letter will allow you to begin marketing your device as described in your 510(k) premarket notification. The FDA finding of substantial equivalence of your device to a legally marketed predicate device results in a classification for your device and thus, permits your device to proceed to the market.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801 and additionally 809.10 for in vitro diagnostic devices), please contact the Office of Compliance at (301) 594-4692. Additionally, for questions on the promotion and advertising of your device, please contact the Office of Compliance at (301) 594-4639. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21 CFR 807.97). Other general information on your responsibilities under the Act may be obtained from the Division of Small Manufacturers Assistance at its toll-free number (800) 638-2041 or (301) 443-6597 or at its internet address "<http://www.fda.gov/cdrh/dsmamain.html>".

Sincerely yours,



Timothy A. Ulatowski
Director
Division of Dental, Infection Control,
and General Hospital Devices
Office of Device Evaluation
Center for Devices and
Radiological Health

Enclosure

510(k) Number (if known): **K980672**

Device Name: **SIMPLEX™ AIRBRATOR™**

Indications For Use:

General Usage:

Cleaning of Tooth Surfaces

Stain Removal from Tooth Surfaces

Removal of Surface Deposits from Teeth

Cleaning of Dental Pits and Fissures

Microetching of enamel and dentin surfaces in preparation for adhesive bonding procedures

Preparation (mechanical cleansing and etching) of metallic, ceramic, composite and acrylic surfaces for dental procedures including bonding, cementation, repair and restoration

Delivers a controlled stream of particles for the removal of tooth structure

Specific Dental Usage:

Preparation of tooth surfaces for sealants

Preparation of tooth surfaces for orthodontic bracket bonding

Preparation of tooth surfaces for bonding bridges

Preparation of internal root surfaces for post procedures (after root canal therapy)

Preparation of tooth surfaces for adhesive bonding procedures, ceramic inlays, crowns and bridges

Preparation of root surfaces for periodontal procedures

Repair of composite, acrylic and ceramic restorations

Occlusal adjustments and equilibration

Repair of prosthetic appliances

Bonded splint procedures

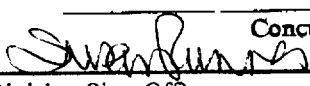
Removal of cement from temporary and permanent procedures

Class I-V cavity preparation

NOT FOR USE ON AMALGAM

(PLEASE DO NOT WRITE BELOW THIS LINE - CONTINUE ON ANOTHER PAGE IF NEEDED)

Concurrence of CDRH, Office of Device Evaluation (ODE)


(Division Sign-Off)

Division of Dental, Infection Control,
and General Hospital Devices

510(k) Number K980672

Prescription Use X
(Per 21 CFR 801.109)

OR

Over-The-Counter Use _____

(Optional Format 1-2-96)