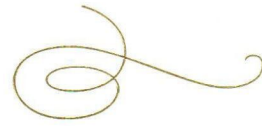


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The Director

of the United States Patent and Trademark Office has received an application for a patent for a new and useful invention. The title and description of the invention are enclosed. The requirements of law have been complied with, and it has been determined that a patent on the invention shall be granted under the law.

Therefore, this United States

Patent

grants to the person(s) having title to this patent the right to exclude others from making, using, offering for sale, or selling the invention throughout the United States of America or importing the invention into the United States of America, and if the invention is a process, of the right to exclude others from using, offering for sale or selling throughout the United States of America, products made by that process, for the term set forth in 35 U.S.C. 154(a)(2) or (c)(1), subject to the payment of maintenance fees as provided by 35 U.S.C. 41(b). See the Maintenance Fee Notice on the inside of the cover.

Anders Ivarsson

DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE



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(12) **United States Patent**
Sasank et al.

(10) **Patent No.:** **US 10,074,893 B2**
(45) **Date of Patent:** **Sep. 11, 2018**

(54) **DEVICE USED TO REDUCE
ELECTROMAGNETIC RADIATIONS**

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(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 215 days.

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§ 371 (c)(1),

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PCT Pub. Date: **Aug. 13, 2015**

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(30) **Foreign Application Priority Data**

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(51) **Int. Cl.**

H01Q 1/24 (2006.01)

A61N 1/16 (2006.01)

H05K 9/00 (2006.01)

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H01Q 1/48 (2006.01)

(Continued)

(52) **U.S. Cl.**

CPC **H01Q 1/245** (2013.01); **A61N 1/16**
(2013.01); **H01Q 1/243** (2013.01); **H01Q 1/48**
(2013.01); **H01Q 1/50** (2013.01); **H01Q**
15/0026 (2013.01); **H01Q 17/002** (2013.01);
H05K 9/0064 (2013.01); **H05K 9/0081**
(2013.01); **H05K 9/0088** (2013.01)

(58) **Field of Classification Search**

CPC **H01Q 1/50; H01Q 1/24; H01Q 1/38**

USPC **343/860**

See application file for complete search history.

(56)

References Cited

U.S. PATENT DOCUMENTS

7,847,753 B2 * 12/2010 Ishibashi **H01Q 1/243**
343/702

2005/0174290 A1 * 8/2005 Huang **H01Q 1/243**
343/700 MS

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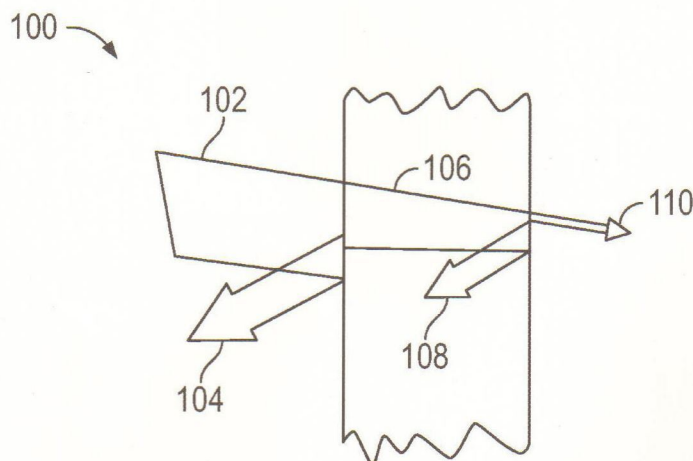
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(57)

ABSTRACT

Exemplary embodiments of the present subject matter is directed towards a device used to reduce electromagnetic radiations comprising a electromagnetic resistance sheet including a first layer and a third layer positioned at front and rear portions of the electromagnetic resistance metallic sheet configured to convert received excess radio frequency radiations of electronic signals to electromagnetic field signals and ground the converted electromagnetic field; and cloud signals for avoiding the transmission of radiations into the human body and environment. The first layer and the third layer coated with plurality of chemical elements. The electromagnetic resistance sheet also includes a second layer positioned between the first layer and the third layer coated with plurality of metallic elements to provide anti corrosion of the electromagnetic resistance sheet in the transmission of radiations.

10 Claims, 3 Drawing Sheets



PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5142930

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NATURE OF CONVEYANCE:	ASSIGNMENT	
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	This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 1		
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