



US00D702215S

(12) **United States Design Patent**  
**Wang**

(10) **Patent No.:** **US D702,215 S**

(45) **Date of Patent:** **\*\* \*Apr. 8, 2014**

(54) **THIN FILM ANTENNA**

(56) **References Cited**

(71) Applicant: **Yi Chang Hsiang Industrial Co., Ltd.**,  
Taoyuan (TW)

U.S. PATENT DOCUMENTS

(72) Inventor: **Gary Wang**, Taoyuan County (TW)

D572,243	S	*	7/2008	Lin et al.	.....	D14/230
D589,035	S	*	3/2009	Hellgren	.....	D14/230
D635,560	S	*	4/2011	Tsai et al.	.....	D14/230
D635,964	S	*	4/2011	Poddaturi	.....	D14/230
D650,370	S	*	12/2011	Huang et al.	.....	D14/230
D653,654	S	*	2/2012	Thomson et al.	.....	D14/230
D671,097	S	*	11/2012	Mi et al.	.....	D14/230
D680,103	S	*	4/2013	Huang et al.	.....	D14/230
D680,104	S	*	4/2013	Huang et al.	.....	D14/230
D681,019	S	*	4/2013	Ko et al.	.....	D14/230
D686,600	S	*	7/2013	Yang	.....	D14/230
2004/0222936	A1	*	11/2004	Hung et al.	.....	343/795
2008/0246668	A1	*	10/2008	Qi et al.	.....	343/702
2010/0026594	A1	*	2/2010	Yang et al.	.....	343/702
2010/0328182	A1	*	12/2010	Wong et al.	.....	343/848
2011/0291894	A1	*	12/2011	Qi et al.	.....	343/700 MS
2012/0268338	A1	*	10/2012	Yoo et al.	.....	343/803

(73) Assignee: **Yi Chang Hsiang Industrial Co., Ltd.**,  
Taoyuan, Taoyuan County (TW)

(\*) Notice: This patent is subject to a terminal disclaimer.

(\*\*) Term: **14 Years**

\* cited by examiner

(21) Appl. No.: **29/459,891**

(22) Filed: **Jul. 3, 2013**

*Primary Examiner* — John Windmuller

(51) **LOC (10) Cl.** ..... **14-03**

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

(74) *Attorney, Agent, or Firm* — Muncy, Geissler, Olds & Lowe, P.C.

USPC ..... **D14/230**

(58) **Field of Classification Search**

(57) **CLAIM**

The ornamental design for a thin film antenna, as shown and described.

USPC ..... D14/138, 230–238, 299, 358; D12/42, D12/43; 343/700 MS, 700 R–705, 711–713, 343/735, 736, 741, 748, 767, 795, 819, 840, 343/846, 866, 871–908; 455/90.2, 90.3, 91, 455/128, 269, 344, 347, 562.1; 333/193, 333/195

**DESCRIPTION**

The FIGURE is a front view of a thin film antenna showing my new design.  
All elements of the claimed design are flat and coplanar.

See application file for complete search history.

**1 Claim, 1 Drawing Sheet**



