



(12) **United States Patent**  
**Cashman**

(10) **Patent No.:** **US 8,230,651 B2**  
(45) **Date of Patent:** **Jul. 31, 2012**

(54) **WINDOW FRAME WITH TAPED  
INSTALLATION FLANGE**

(76) Inventor: **Daniel J. Cashman**, Suffield, CT (US)

(\* ) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 450 days.

(21) Appl. No.: **12/384,036**

(22) Filed: **Mar. 31, 2009**

(65) **Prior Publication Data**  
US 2010/0242385 A1 Sep. 30, 2010

(51) **Int. Cl.**  
**E06B 3/00** (2006.01)

(52) **U.S. Cl.** ..... **52/204.55; 52/208; 52/214; 52/745.16**

(58) **Field of Classification Search** ..... **52/204.55, 52/204.56, 204.5, 208, 213, 214, 745.15, 52/745.16**

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

2,804,954	A *	9/1957	Gillespie	.....	52/204.55
3,090,085	A *	5/1963	Brown	.....	52/204.591
3,214,873	A *	11/1965	Davis	.....	52/513
3,590,539	A *	7/1971	Brown et al.	.....	52/209
4,421,807	A *	12/1983	Clausing et al.	.....	428/40.3
4,821,472	A *	4/1989	Tix	.....	52/204.55
5,119,609	A *	6/1992	Tait et al.	.....	52/213
5,210,986	A *	5/1993	Hagemeyer et al.	.....	52/211
5,392,574	A *	2/1995	Sayers	.....	52/217
5,590,496	A *	1/1997	Martin et al.	.....	52/213

5,701,780	A *	12/1997	Ver Meer	.....	72/379.2
5,722,207	A *	3/1998	Anderson et al.	.....	52/204.55
7,754,304	B1 *	7/2010	Hohmann, Jr.	.....	428/40.1
2006/0137262	A1 *	6/2006	Crowder-Moore et al.	.....	52/58
2008/0066400	A1 *	3/2008	Heppner	.....	52/204.55

**FOREIGN PATENT DOCUMENTS**

DE 20220904 U1 \* 7/2004  
\* cited by examiner

*Primary Examiner* — Brian Glessner  
*Assistant Examiner* — Adriana Figueroa

(74) *Attorney, Agent, or Firm* — Alix, Yale & Ristas, LLP

(57) **ABSTRACT**

A window frame is manufactured as an integral unit comprising a frame body, at least one nailing flange secured to the frame perimeter, and a strip of tape secured to the nailing flanges with the outer portion of the tape extending beyond the outer edge of the flange. In another embodiment, individual nailing flanges are manufactured and delivered on site, including a strip of tape secured to the nailing flange with an outer portion of the tape extending beyond the outer edge of the flange. The installer first secures such pre-taped flanges to the window frame body, before nailing the resulting window frame unit to the wall. With both embodiments, the window frame unit is first fit into the window penetration in the wall, with the nailing flanges and tape overlapping the wall. Each flange is nailed to the wall by folding back the outer, unattached portion of the tape, thereby exposing the nail holes on the flange, and driving nails there through into the wall. The backing on the folded outer portion of the tape is removed, exposing the adhesive side, which is then laid over the remainder of the flange to cover the nails and over a portion of the wall immediately surrounding the outer edge of the flange.

**12 Claims, 6 Drawing Sheets**

