Docket No.: 344-05

FORM PTO-1595 (Modified) (Rev. 03-01) 05 - 03	3 - 2006 U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
OMB No. 0651-0027 (exp.5/31/2002) P08A/REV03	Falent and tracemark Onice
To the Director of the United States Pate 1032	230182. ecuru tne attached original documents or copy thereof.
Name of conveying party(ies): Gregory F. Jacobs and Husnu M. Kalkanoglu	2. Name and address of receiving party(ies):
Gregory r. Jacous and musici ivi. Kaikanogid	Name: CertainTeed Corporation
	Address: 750 E. Swedesford Road
	- 100 - 100
Additional names(s) of conveying party(ies)	
3. Nature of conveyance:	1300
☑ Assignment ☐ Merger	
☐ Security Agreement ☐ Change of Name	City: Valley Forge State/Prov.: PA
☐ Other	Country: USA ZIP: 19482
Execution Date: April 25, 2006	Additional name(s) & address(es) ☐ Yes ☑ No
	Additional flame(s) & address(cs)
4. Application number(s) or patent numbers(s):	
If this document is being filed together with a new application,	the execution date of the application is: April 25, 2006
Patent Application No. Filing date	B. Patent No.(s)
Additional numbers	☐ Yes ☒ No
Name and address of party to whom correspondence	6. Total number of applications and patents involved:
concerning document should be mailed:	6. Total number of applications and paterns involved.
Name: John F. McNulty, Esquire	7. Total fee (37 CFR 3.41):\$ 40.00
Registration No. 23,028	☑ Enclosed - Any excess or insufficiency should be
Address: Paul & Paul	credited or debited to deposit account
2900 Two Thousand Market Street	☐ Authorized to be charged to deposit account
	8. Deposit account number:
City: Philadelphia State/Prov.: PA	16-0750
Country: USA ZIP: 19103	(Attach duplicate copy of this page if paying by depo
	T USE THIS SPACE
 Statement and signature. To the best of my knowledge and belief, the foregoing information 	mation is true and correct and any attached copes

of the original document.

John F. McNulty, Esquire

Name of Person Signing

April 2**6** 2**6** 6 Da**k** ≅

Total number of pages including cover sheet, attachments, and document:

ASSIGNMENT

WHEREAS, Gregory F. Jacobs and Husnu M. Kalkanoglu (hereinafter referred to as the undersigned), have invented an improvement **SHINGLE WITH PHOTOVOLTAIC ELEMENT(S) AND ARRAY OF SAME LAID UP ON A ROOF** for which on the date set forth below, the undersigned executed an application for United States Letters Patent.

WHEREAS, CertainTeed Corporation, a corporation of Delaware, (hereinafter referred to as the assignee), having a principal place of business at, 750 E. Swedesford Road, Valley Forge, PA 19482, is desirous of acquiring the entire right, title and interest in said invention, said application and all letters patent issuing for said invention.

NOW THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, receipt of which is acknowledged by the undersigned, the undersigned, intending to be legally bound, does hereby sell, assign and transfer to the assignee and assignee's legal representatives the entire right, title and interest, for the United States of America, its territories and possessions, and for the foreign countries, in said invention, said patent application and all divisions and continuations thereof, and in all letters patent including all reissues thereof, issuing for said invention.

It is agreed that the undersigned shall be legally bound, upon request of the assignee, to supply all information and evidence relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States and foreign countries in the name of the assignee, and to execute all instruments proper to carry out the intent of this instrument.

The rights and property herein conveyed by the undersigned are free and clear of any encumbrance.

Thousand Market Street, Philadelphia, Pennsylvania 19103, to insert herein in parentheses (Application number filed) the filing date and application number of said application when known.

EXECUTED under seal on	. 2006
Witnesses L. A.	Suntofur
Bil 12	Gregory F. Jacobs Husnu M. Kalkanoglu
State of County of State of St	
Subscribed and sworn to before me on 🔬 😥	· ·
NOTARY SEAL	rate
COMMONWEALTH OF PENNSYLVANIA Notarial Seal Virginia D. Teaford, Notary Public	<u> </u>
Whitpain Twp., Montgomery County My Commission Expires Mar. 14, 2009	

PATENT REEL: 017834 FRAME: 0694

RECORDED: 04/26/2006