

EXHIBIT 16

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21 **UNITED STATES DISTRICT COURT**
22 **NORTHERN DISTRICT OF CALIFORNIA**
23 **SAN FRANCISCO DIVISION**

24 UNITED STATES GYPSUM
25 COMPANY,

26 Plaintiff,

27 v.

28 PACIFIC AWARD METALS, INC.,

Defendant

Case No. C 04-04941 JSW

**DECLARATION OF WESLEY
DUNHAM IN SUPPORT OF
DEFENDANT PACIFIC
AWARD METALS' CLAIM
CONSTRUCTION BRIEF**

1 I, Wesley Dunham, declare:

2 1. I am currently employed as Operations Manager for the Kent,
3 Washington, facility of Pacific Award Metals, Inc. ("Award"). I have personal
4 knowledge of the facts set forth in this declaration, and, if called as a witness, could and
5 would testify thereto.

6 2. I was employed by BeadeX Manufacturing Company, Inc. ("BeadeX")
7 from 1969 until it was acquired by United States Gypsum Company ("USG") in
8 December 1999. I was Supervisor of Maintenance and Production for the BeadeX
9 paper faced corner bead product from 1985 until about 1995. From about 1995 until
10 December 1999, I was Technical Manager for new product development at BeadeX.

11 3. As of 1990, BeadeX was a manufacturer of various building materials,
12 including bare metal corner beads, paper faced corner beads, and drywall joint
13 compound.

14 4. In about 1990, the BeadeX employees most closely involved in the
15 manufacture of corner beads formed a team to attempt to make improvements to the
16 company's corner bead products, including innovations to address a problem our
17 customers had observed with paper faced corner beads. The problem was that the
18 sanding equipment employed after drywall mud was applied to the wings of the corner
19 beads would often scrape or scuff the surface of the paper, causing the fibers to unwind
20 and stand up ("fuzz") from the paper. The people most involved in solving this
21 problem included James Ritchie, Don King, Aldo Aquila, Craig Radford, and me.

22 5. From approximately 1990 to 1992, I had primary responsibility for
23 testing and implementing an idea of Mr. Ritchie that we could avoid scuffing of the
24 paper layer by adding a coating on top of the paper that would prevent the sanding
25 equipment from coming into contact with the fibers in the paper layer. My role in
26 testing and implementing that idea ultimately spanned several years and included: (a)
27 assessing different ways to apply a range of different coatings (as created by others) to
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1 the paper, including brushes and spraying devices; (b) testing a wide variety of
2 mixtures of acrylics and primers on the paper to assess the ability of different mixtures
3 to create a substantial surface film that would prevent scuffing; (c) determining how
4 best to dry the coatings that we applied to the paper so as to achieve a commercially
5 viable product; and (d) determining how to measure the thickness of the surface film
6 that remained after drying of the paper.

7 6. Throughout this experimental process, I used a micrometer to measure
8 the difference in thickness or caliper between the paper without any coating and the
9 paper with the various coating mixtures we researched. Neither I nor, to my
10 knowledge, anyone else involved in the efforts to create a coating for the paper bead
11 products ever used a measurement device or method other than the micrometer.
12 Moreover, neither I nor, to my knowledge, anyone else involved in the nose coating
13 project ever used a measuring device or method that was capable of gauging the
14 penetration of the protective material into the paper. Because the focus of our efforts
15 was to add a coating onto the surface of the paper (not to impregnate the paper with a
16 new additive) so as to guard against contact with the sanding equipment, the exact
17 extent to which the coatings penetrated the paper layer was not relevant to our
18 endeavors.

19 7. As one of the persons responsible for the nose coating project at
20 BeadeX, I observed first-hand that, when we used a mixture of Synthemul® diluted
21 50% with water, we could obtain a layer on the surface of the paper of about 0.001 inch
22 after drying, but in such instances the coating appeared to saturate the paper almost to
23 the inner surface. I knew that the coating was penetrating almost throughout the paper
24 layer because the coating would be visible on the inner surface of the paper. The
25 thickness of the paper we used in the early 1990s was about 0.008 to 0.010 inch. Thus,
26 our experience with this particular diluted coating in the early 1990s was that the total
27 depth of material impregnating the paper, when added to the film on top of the paper
28 after drying, was approximately 0.006 - 0.010 inch.

1 8. I also observed in the early 1990s the effect of using a primer sealer in
2 connection with the Synthemul® mixture referenced in the preceding paragraph, and
3 without any dilution of the acrylic resin with water. Use of the primer sealer resulted in
4 an increase in the thickness of the protective coating on the surface of the paper — to
5 about 0.005 inch. Use of the primer sealer also reduced the amount of coating that we
6 observed penetrating into the paper layer.

7 9. The BeadeX team involved in exploring and trying to implement Mr.
8 Ritchie's idea of a protective coating constituted a collection of several people with
9 solid backgrounds in the design and manufacture of building materials. Although we
10 were, at times, required to work with paper as a component of our building materials,
11 our backgrounds first and foremost were in in the area of building materials.

12 10. To the best of my knowledge, all the members of the BeadeX team,
13 including Mr. Ritchie, understood our invention to require a layer of protective material
14 that exceeded the paper's thickness by about 0.001 to 0.005 inch. I do not recall any
15 member of the team, or anyone else at BeadeX, suggesting that there was any need to
16 measure any portion of the penetration of the material into the paper. Instead, for a
17 prolonged period of time, we worked as a team to come up with the very best
18 composition (and method of application) that would produce a substantial layer on top
19 of the paper to prevent sanding equipment from contacting or scraping the paper fibers.

20 11. During the time that we were developing the nose coated product, I
21 regularly measured the increased thickness of the paper resulting from the coating
22 material. I recorded all such measurements in a notebook which I maintained at
23 BeadeX. If such records were available today, I believe they they would confirm my
24 testimony concerning measurements in paragraph 6-10 above.

25 12. I personally conduct and/or oversee numerous measurements of the
26 thickness of the protective coating on the surface of Award's paper faced corner bead
27 products. These measurements have confirmed that the coating applied by our vendor
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1 produces a layer of coating that does not exceed 0.0001 inch above the surface of the
2 paper.

3 13. I am familiar with the companies that compete in the building materials
4 market in Western Canada. There are at least five manufacturers who sell the relevant
5 building materials in Western Canada, including: Corus Group/Bailey Metal Products
6 Limited, Clinch-On Products, Inc., Steelform Building Products, Canadian Gypsum
7 Company (a sister corporation of USG), and Award Metals. These companies, each of
8 which offers an abrasion-resistant paper faced corner bead, ensure very competitive
9 market for corner beads and other building products. Thus, Award has to compete with
10 all four competitors (not just USG's Canadian affiliate) on price, service, range of
11 product line, and quality of products.

12 14. I understand that USG has argued in this proceeding that the Court
13 should disregard my testimony because the company for which I worked for many
14 years (BeadeX) continued to place the number corresponding to Mr. Ritchie's patent on
15 products that did not have a protective layer or film within the 0.001 to 0.005 inch
16 requirement of the patent claims. As I explained in my deposition, the thickness of the
17 protective coating on BeadeX's nose-coated products had decreased (as a result of our
18 continued research and development efforts) over time such that I concluded, by the
19 mid-1990's, that BeadeX's products did not fall within the Ritchie Patent. I stated my
20 views to several persons in the BeadeX management just as soon as I developed a clear
21 opinion and basis for that opinion. At that time, however, I was not a high level
22 management employee nor a patent specialist. In fact, I knew very little about patents
23 or patent law. So, I believed I had fulfilled my obligations as an employee to BeadeX
24 when I expressed my concerns about the patent marking to several senior managers. I
25 did not ever hear whether the company management had discussed my views or made a
26 determination regarding marking. I simply assumed that the company management
27 would know how to handle the situation properly.

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2 I declare under penalty of perjury under the laws of the United States that the
3 foregoing is true and correct.

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5 Executed at Kent, Washington on September 7, 2005.

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7
8 By Wesley Dunham
9 Wesley Dunham

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DUNHAM DECLARATION IN SUPPORT OF AWARD'S CLAIM CONSTRUCTION BRIEF
CASE NO. C 04-4941 FMS