

United States District Court,
D. New Jersey.

JOYAL PRODUCTS, INC,
Plaintiff.

v.
JOHNSON ELECTRIC NORTH AMERICA, et al,
Defendants.

Civil Action No. 04-5172 (JAP)

Oct. 26, 2007.

David L. Harris, John R. Middleton, Paul Jason Hadley, Stephen R. Buckingham, Lowenstein Sandler, PC, Roseland, NJ, for Plaintiff.

Gregory J. Fleesler, Stephen N. Weiss, Michael J. Pospis, Moses & Singer, LLP, New York, NY, for Defendants.

ORDER

JOEL A. PISANO, District Judge.

Presently before the Court in this patent infringement case is the parties' request for claim construction. Each party has fully briefed the issue of the proper construction of the disputed claim terms, and the Court held a *Markman* hearing on September 24, 2007. For the reasons set forth in the accompanying Opinion,

IT IS on this 26th day of October, 2007,

ORDERED that the disputed claim terms will be construed as follows:

1. "fusing method of forming a fused joint" means "a method of making a mechanical surface adhesion bond between electrically conductive elements by applying heat to soften the elements without melting them and pressure to force the softened elements together."
2. "fusing" shall not be construed independently, but shall be construed in the context of the phrase "fusing method of forming a fused joint" as set forth above.
3. "fused joint" shall not be construed independently, but shall be construed in the context of the phrase "fusing method of forming a fused joint" as set forth above.
4. "armature wire having electrical insulation thereon" means "an electrical conductor having an insulating coating used in the windings of an armature, such as magnet wire."

5. "terminal" means "a device attached to an electrical apparatus for convenience in making connections, such as a tang."

6. "commutator bar" means "rigid piece of metal used for the electrical connection to the moving part of a motor."

7. "moving a pair of spaced apart heating electrodes against another surface of said terminal to form a current path between said electrodes through a portion of said terminal extending there between" means "moving two side-by-side heating electrodes into compression contact with a surface of the terminal (other than a surface in contact with the wire) with sufficient pressure to establish and maintain electrical continuity between the electrodes and the terminal to allow a flow of electrical current through the electrodes and the portion of the terminal between the electrodes."

8. "heat said terminal sufficient to remove said electrical insulation from said armature wire in contact with said terminal and to fuse said armature wire thereto" means "heat the terminal sufficiently to remove the insulation on the armature wire, such as by vaporizing it, and soften the terminal enough to permit the formation through pressure of a mechanical surface adhesion bond between the terminal and wire."

9. "applying a compressive force against said terminal by said electrodes" means "using the electrodes to apply additional pressure against the terminal after the insulation has been removed from the armature wire."

10. "brush track" means "the area of the commutator bar which is slidingly engaged by the brushes of the dynamoelectric device."

11. The Court declines to construe the following terms: "material having a high electrical resistance," "U-shaped profile," "base," "pair of spaced members," "inner surface of said base," and "an outer surface of one of said members."

D.N.J.,2007.

Joyal Products, Inc. v. Johnson Elec. North America

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