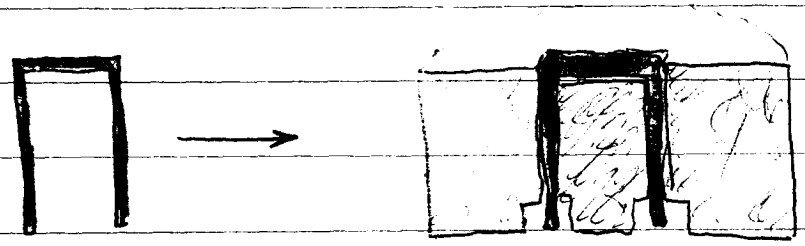
SECRET [redacted] 15 April 1960

MOUND LABORATORY-MONSANTO
Central File No. 60-4-156 #104

Dear Dave:

In many ways, our detonator fabrication and design principles are archaic. Could we eliminate the solder problems, for example by making the gold leads and bridge wire integral, molding all in place, and grinding to finish tolerances, if necessary?



→ surface grind if necessary to control thickness of bridge wire.

MOUND DECLASSIFICATION REVIEW

1ST REVIEW-DATE 7/8/98	DETERMINATION (CIRCLE NUMBER)
AUTHORITY ☐ AOC ☒ ADC ☐ ADD	1. CLASSIFICATION RETAINED
NAME T. M. FLANAGAN	2. CLASSIFICATION CHANGED TO
2ND REVIEW-DATE: 7/8/98	3. CONTAINS NO DOE CLASSIFIED
AUTHORITY: ADD	4. COORDINATE WITH:
NAME: [illegible]	5. CLASSIFICATION CANCELLED
	6. CLASSIFIED INFO BRACKETED
	7. OTHER (SPECIFY):

(Top view)

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GROUP 1
Excluded from automatic downgrading and declassification

Alternatively, it might be possible to fabricate the wire and the molded part separately, then assemble them with an epoxy cement (or other) which would completely bond the wire to the plastic and seal it.

If this suggestion is of any interest, it is all yours for the usual 2¢.

Regards.

[signature]

[redacted]

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