specified time limit, changes in red ink over the estimated time establishes an accurate and reliable guide in the estimation of future work of like character, and (11) it enables the management to determine who are the best estimators, sistent with clearness, the manner in which the work is carried on, until the pattern is made, checked, approved, ready for the foundry department No. 7, etc., and finally returned to pattern vault for storage.

PATTERN NO.	MATERIAL OF PATTERN.	NOS. OF PIECES IN PATT.	Nos. OF CORE BOXES,	IN BUILDING NO.	ON FLAT NO. IN RACK NO.	ON SHELF NO.		Pattern Index in Engineering Dept. No. 3.	ent Board.)
NAME OF ARTICLE.	SIZE AND SYMBOL OF MACHINE.	TYPE OF MACHINE.					OVER	A. J. Lavoie's System No. 100 Pattern Index in En	Printed Red of 100 lbs. stock. Amber color (Parchment Board.)
DRAWING NO.	NO B NO.	APPROVED BY SUPERINT.	REMARKS:					A. J. Lavo	

and to regulate equitably rewards and advancements as occasion arises.

Having explained the progressive course of the production lists, from the receipt of the original requisition from

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REMARKS:	NIS!								15

Pattern Shop.

The order to make a new pattern, or change an old one, originates in the engineering department, No. 3—see form No. 15 and 99, also No. 15 and 100.

SYSTEM, LONGUEUL. P. G.	Sheet No.	Time BONUS.	Saved					Approved by Cost Clerk.	Approved by Chief of Dept. 4.		Approved by Estimating Engineer.		Approved by Superin- tendent.		JOB NUMBER
IAL		Total Cost	о́ •												
ORIGIN AVOIE'S		st Labor Cost	÷				le ins	: figures		3,4.			01 0 00 0 00 0 00 0 00 0 00 0	roug u m	rate and
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A. J. LAVOIE'S SY PREPARED BY	Number of Sheets required to complete Report	Drawing List Pattern	-				TOTALS	Time taken in hours as per above figures	Total Cost as per above List	% allowance for Dept's Nos. 2, 3,	Total Cost for Making	% allowed for Dept. No.	Total Cost for Manufacturing	101 101 101 101	nor nor no no no no no no no no no no no no no

Change from No. 108 to No. 109 for duplicate copy. Change word Original to Duplicate for form No. 109. Printed blue 20 lbs. Pink Bond Paper. Padded on top only.

engineering department, to delivery of copies of production list to the respective works departments; and final returns of these to, and filing in, the cost office in department No. 4, we are now in a position to deal with the pattern department No. 8. It is purposed to indicate, as briefly as is con-

In numbering the patterns, the engineering department, No. 3, is guided by the following rules:

- (1) Each pattern must have a separate number.
- (2) Every alteration to a pattern which will affect duplication, or change the appearance to a large extent, will