

dushit Arya 190158 51 (X) A.3. Spruce is the opening of the mold from where metal is powred. It is made tapered to prevent aspiration effect i.e. to allow passage of gas (a) Vent holes i notes which are provided so that gases per can excape out of the molten metal during solidification. (b) Core: A core is that element which is used in moulding process to make hollow cavities or holes or to and give different contours which is usually expensive to be machined anshit drya 190158



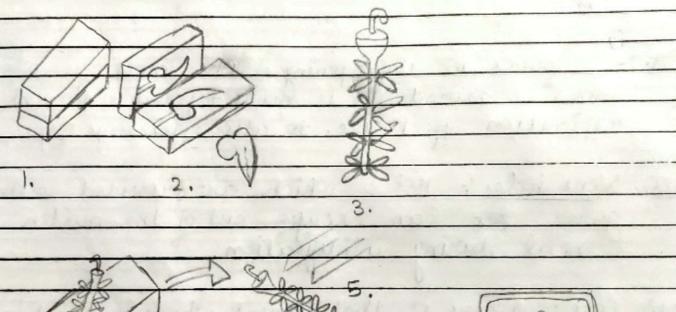
A.4. Investment Casting: A wax pattern of the product

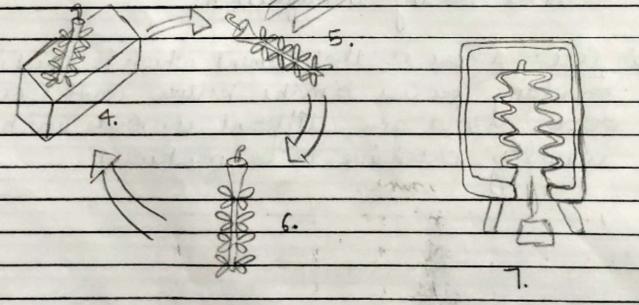
that you want to manufacture is coated.

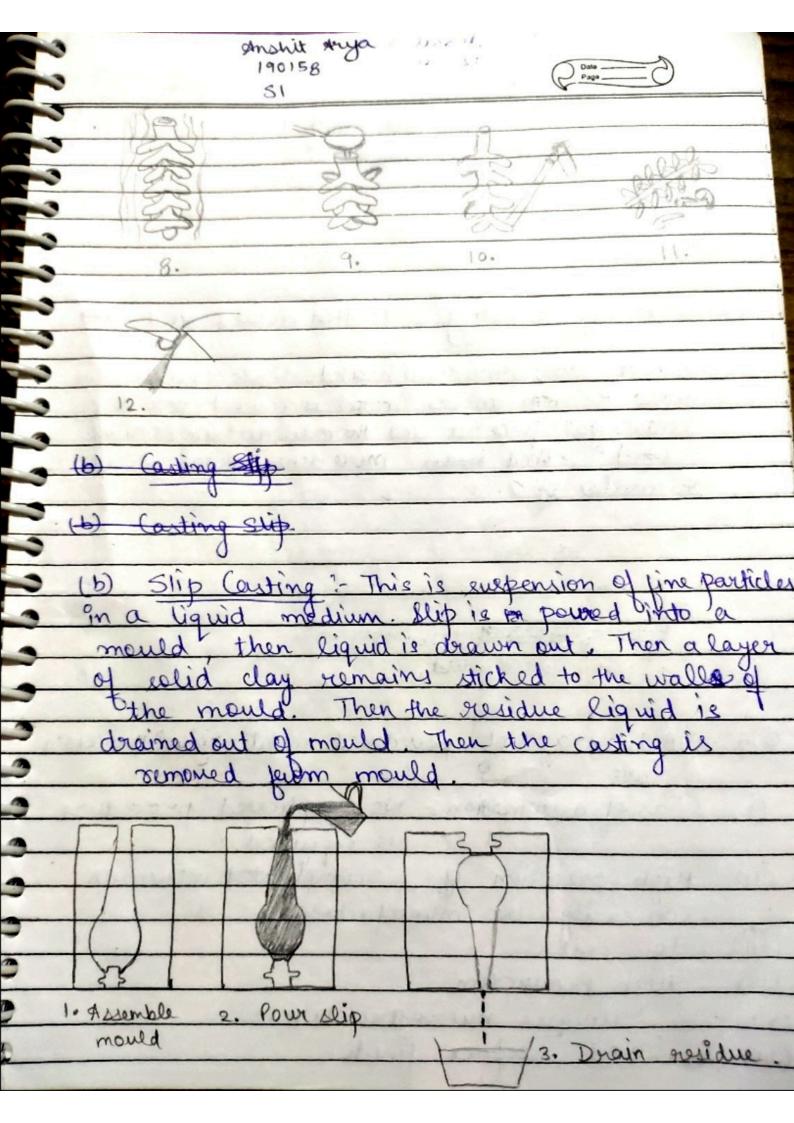
Once this coating is hardened then dipping process
is repeated several times to increase coating thickness.

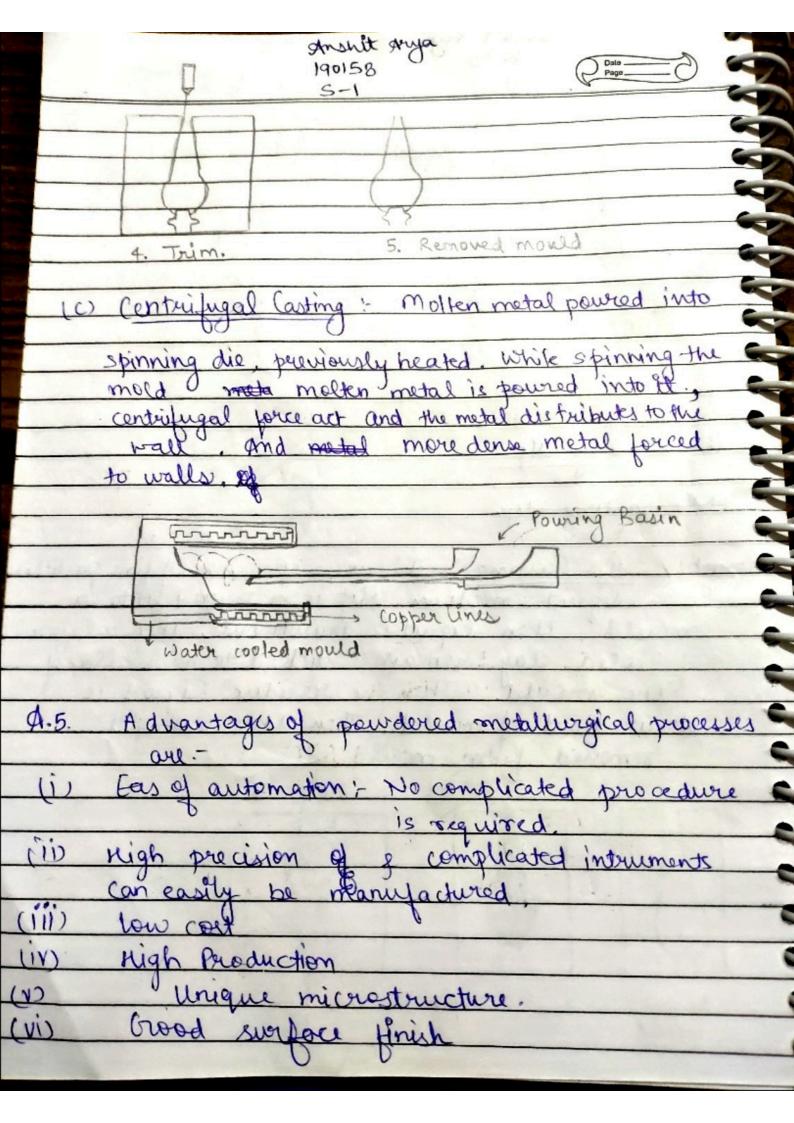
Then this wax is multed out & molten motal is powed
into the cavity created by wax pattern. Then metal

casting is removed after metal solidifies. This is used
for more complex shapes. Though this is expensive.









Anshit Arya 190158	O Date Page
(Vii) Can be used for higher melting	
Tungsten	
A. 6.11) Fusion Welding Brocess requi	ives head, that is
Into joint. Extra material	e which then Hows
to fell the joint completely.	0 V
in Soldering: In this process of	e or more metal
items are joined together by melti fler metal into the joint. Filler	metal have low
melting point.	
This is metal joing	process in which
metals are joined together by a filler metal having a lower on	meeting & flowing
The state of the s	Jakor Stran
\$07. (iv)	EXPERTATION AND ADMINISTRATION OF THE PARTY
A. 8.	09 090 B
(a) Butt Joint	(b) Lap Joint
· All the property	and they were
Land Countries of the Land Countries of the	demonds Is as
107 ait to	CALL TRANSPORT
(c) T-joint (d) Ed	ge Joint
Angelon, and a second	2 /9/31
Les sinistes (e)	Corner Joint

