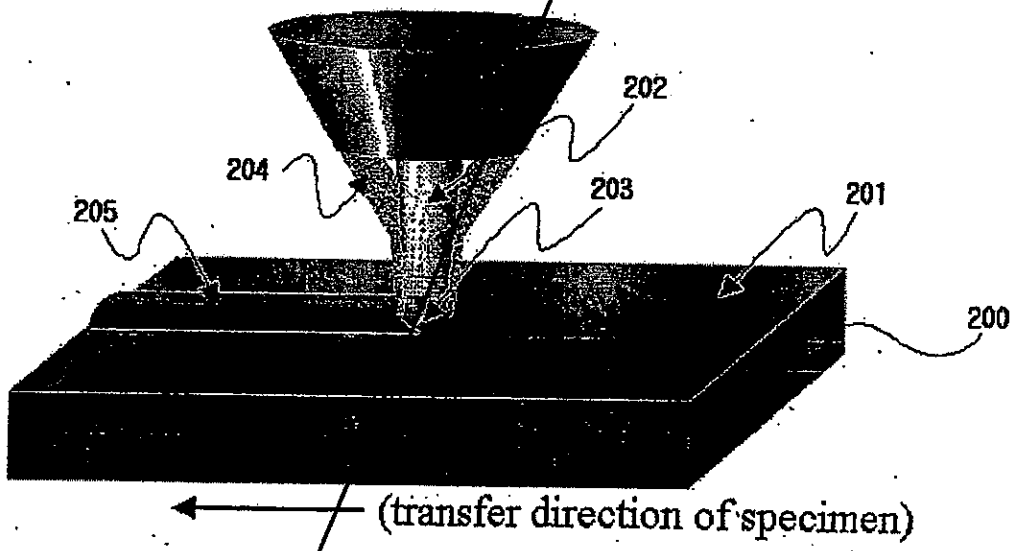
Fig. 1

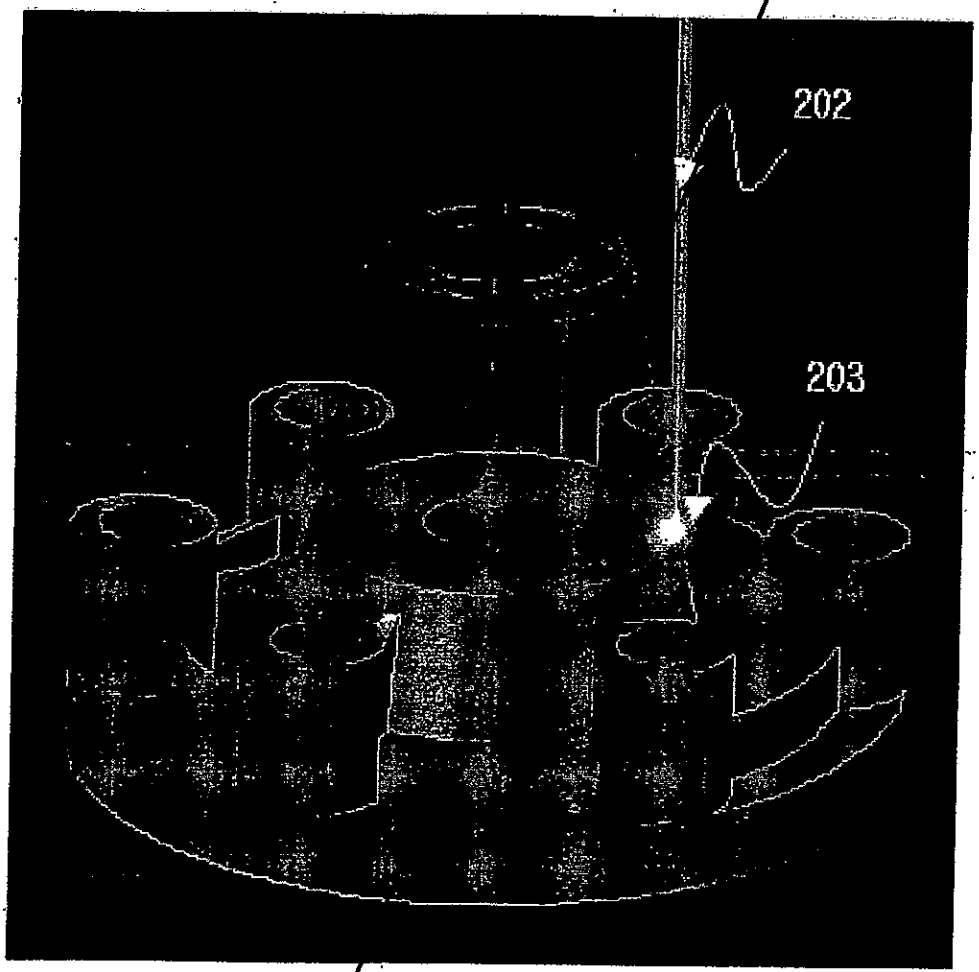


Fig. 2



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Fig. 3



WO 03/042895

PCT/KR01/01970

Fig. 4

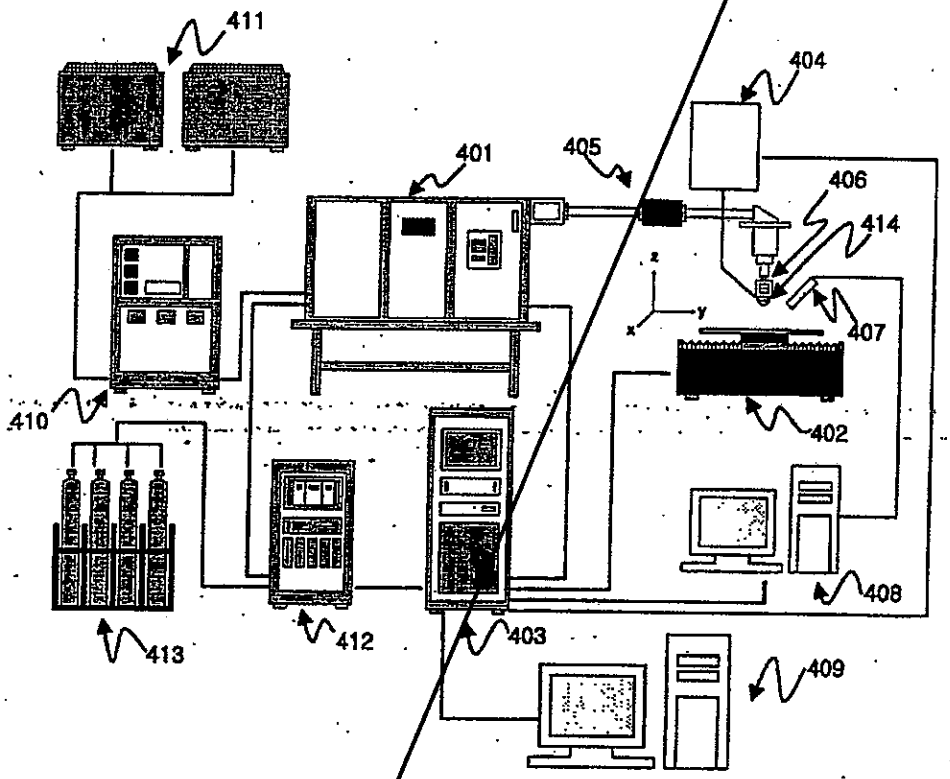


Fig. 5

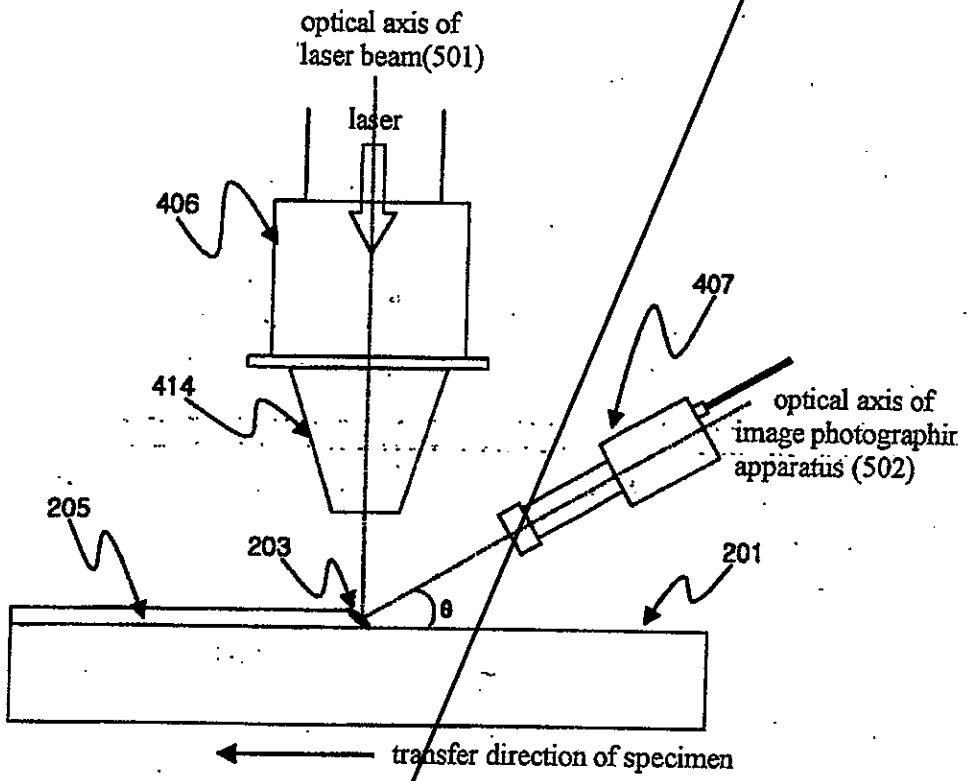

optical axis of
laser beam(501)
laser
406
407
414
optical axis of
image photographir
apparatus (502)
205
203
201
θ
transfer direction of specimen

Fig. 6

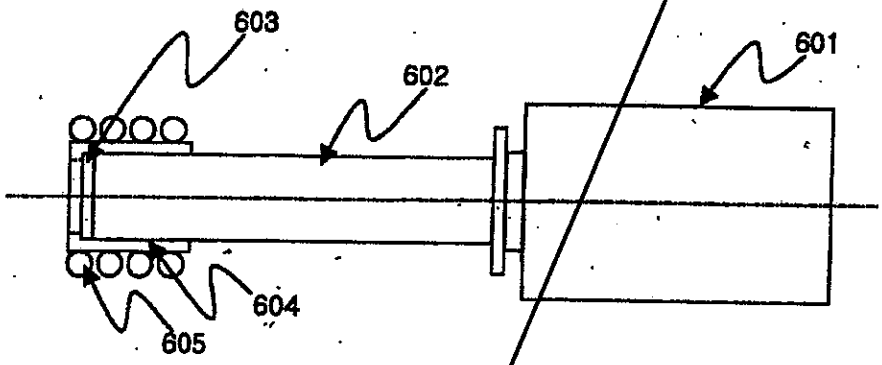
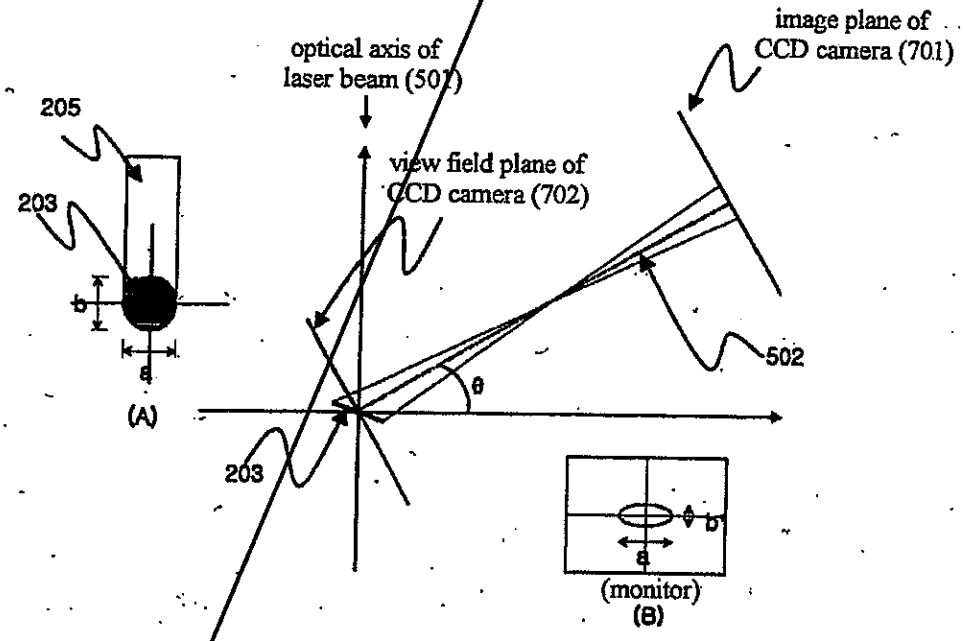

603
602
601
604
605

Fig. 7


optical axis of
laser beam (501)
image plane of
CCD camera (701)
205
203
view field plane of
CCD camera (702)
b
a
(A)
θ
502
203
b
a
(monitor)
(B)

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Fig. 8

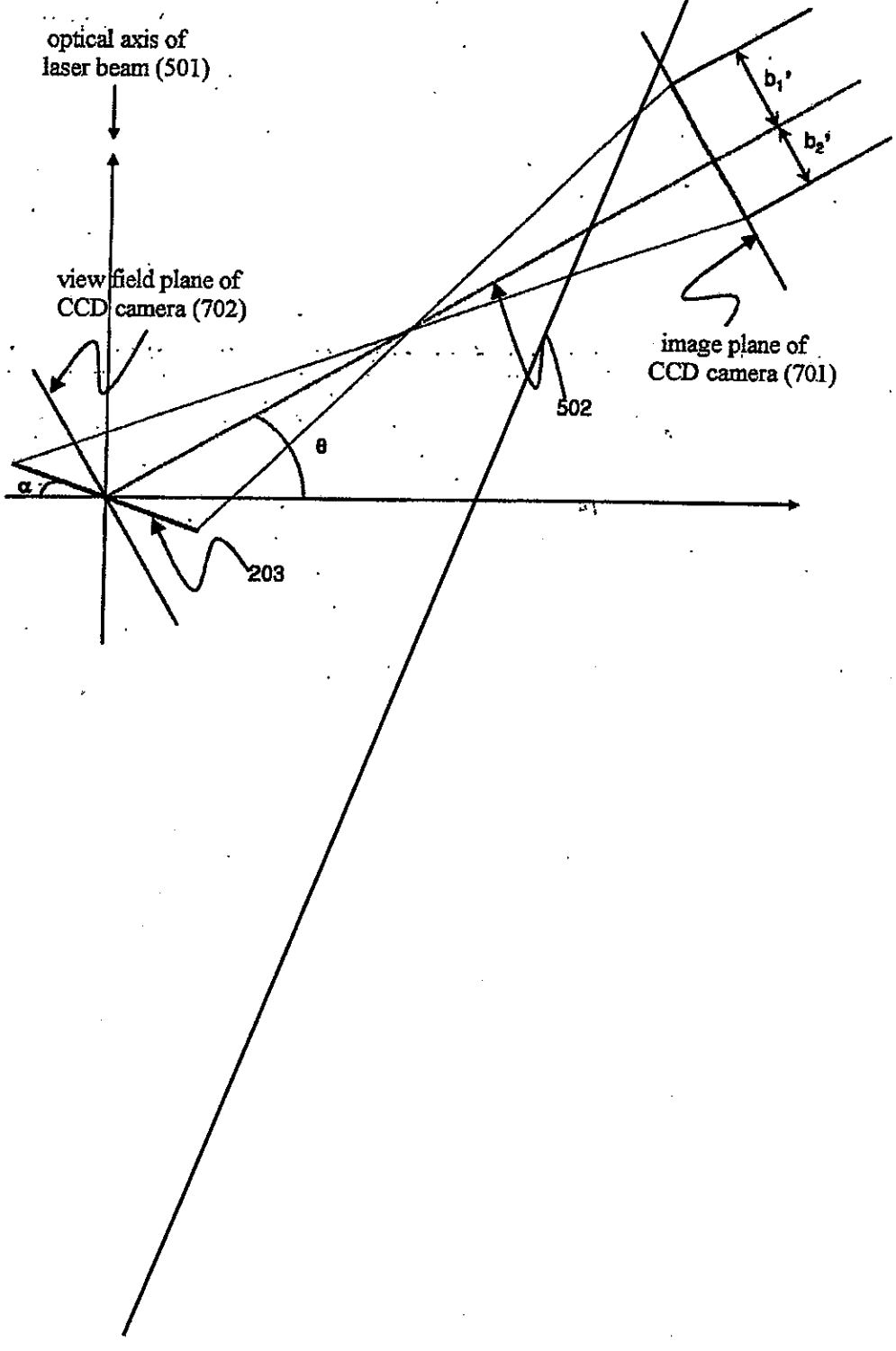

optical axis of
laser beam (501)
view field plane of
CCD camera (702)
image plane of
CCD camera (701)
502
203
θ
α
b1'
b2'

Fig. 9

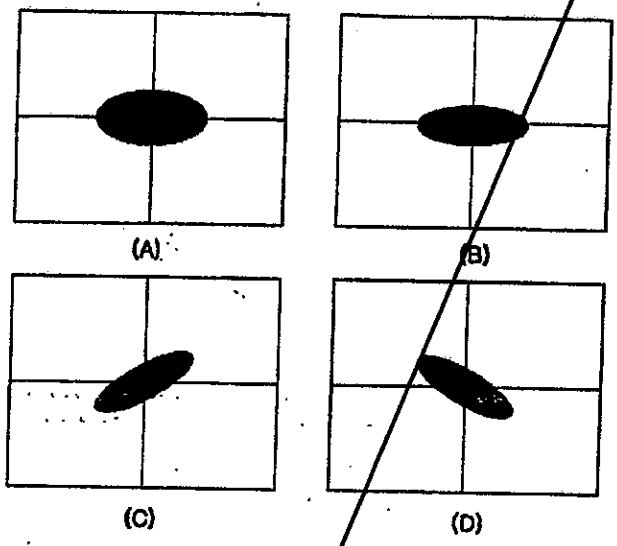
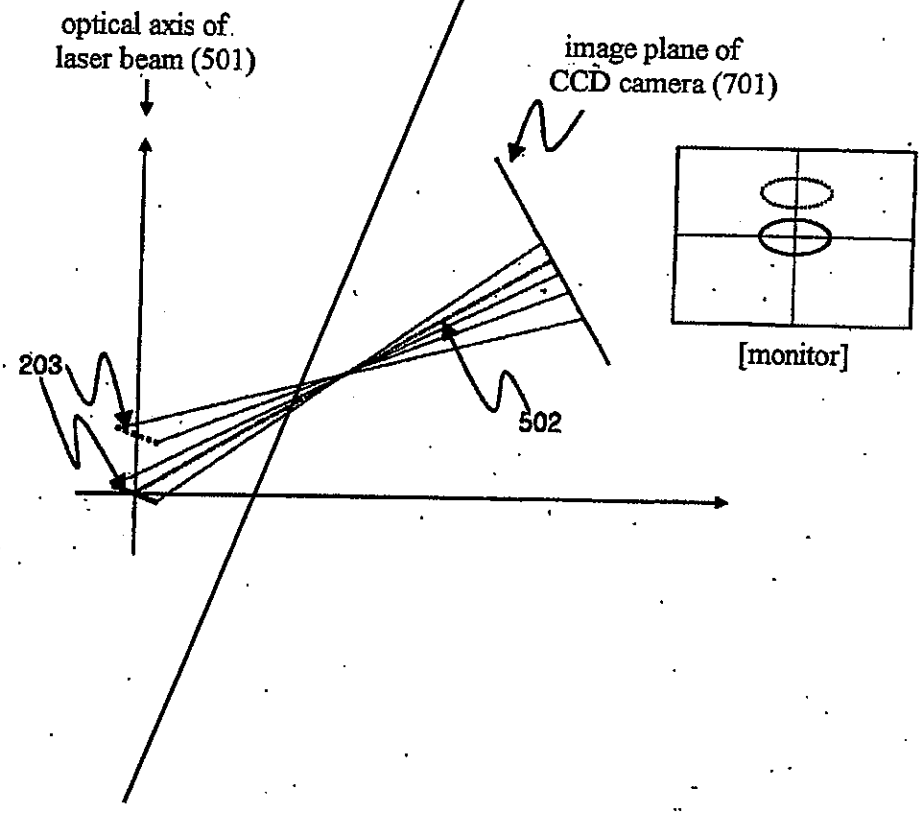

(A)
(B)
(C)
(D)

Fig. 10


optical axis of
laser beam (501)
image plane of
CCD camera (701)
[monitor]
203
502

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Fig. 11

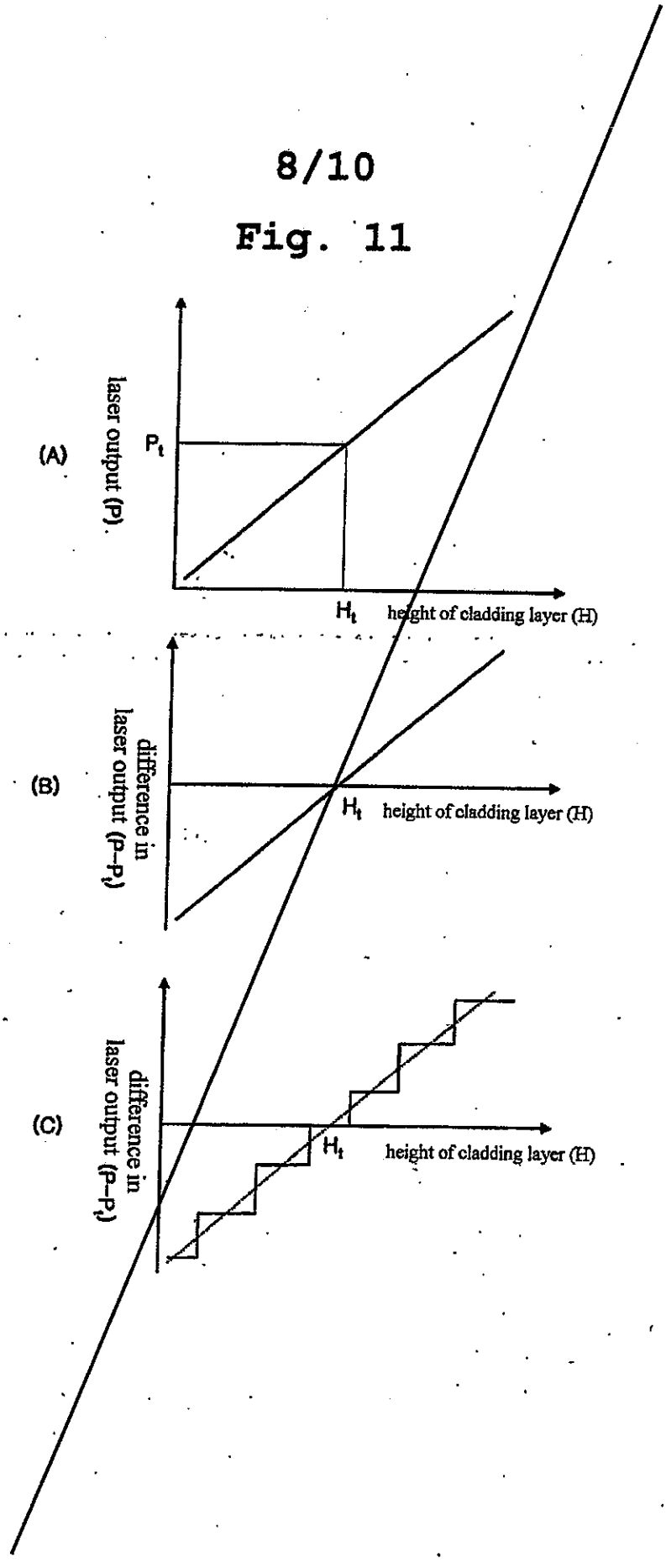

(A)
laser output (P)
P_t
H_t
height of cladding layer (H)
(B)
difference in laser output ($P-P_t$)
H_t
height of cladding layer (H)
(C)
difference in laser output ($P-P_t$)
H_t
height of cladding layer (H)

Fig. 12

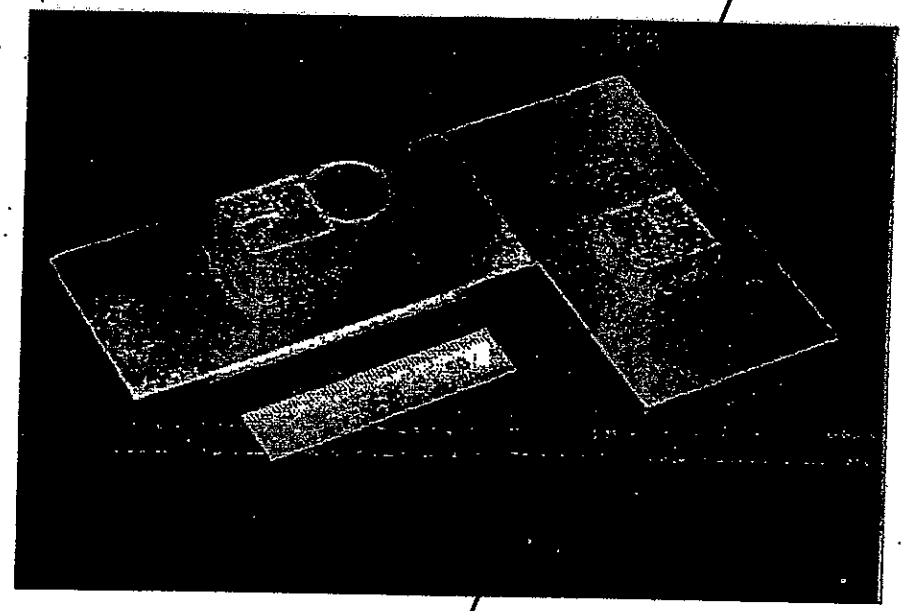
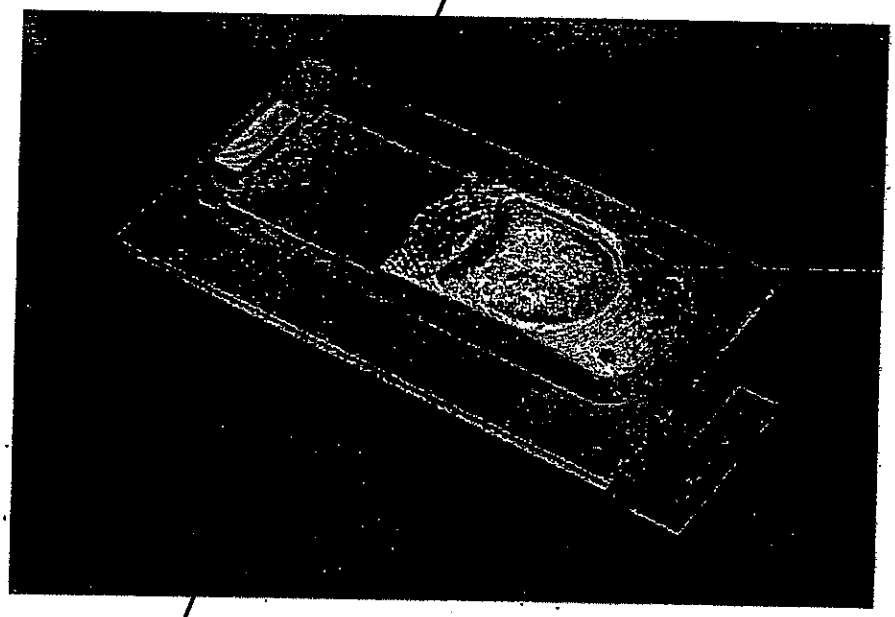


Fig. 13



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Fig. 14

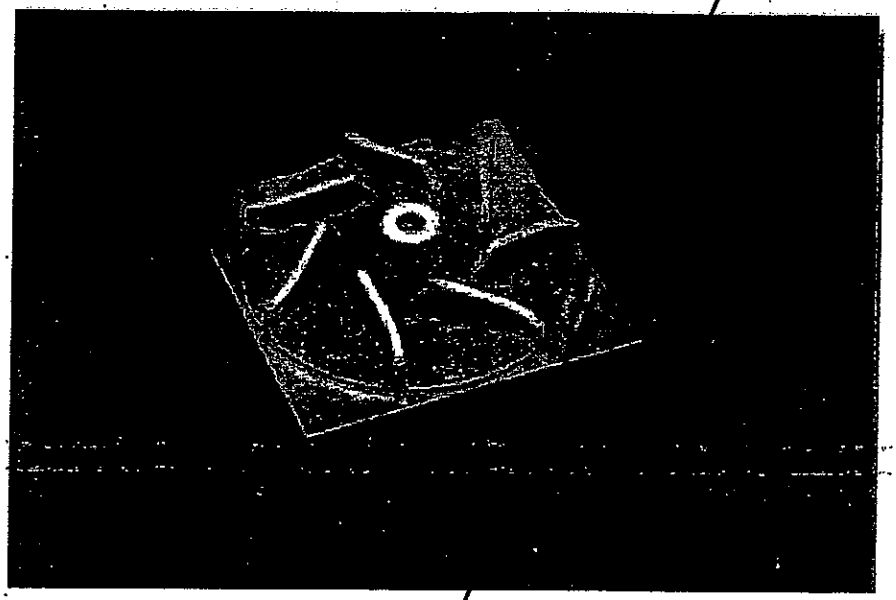
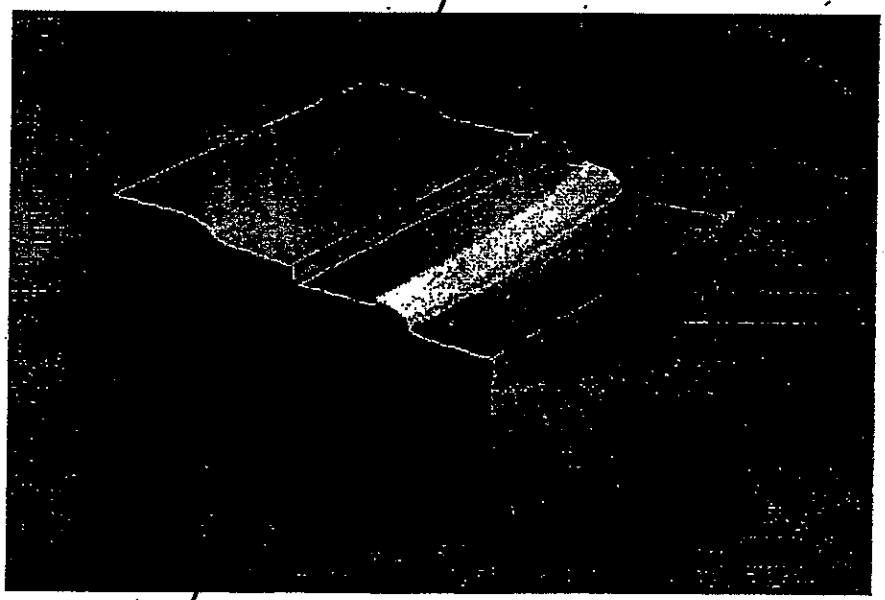


Fig. 15



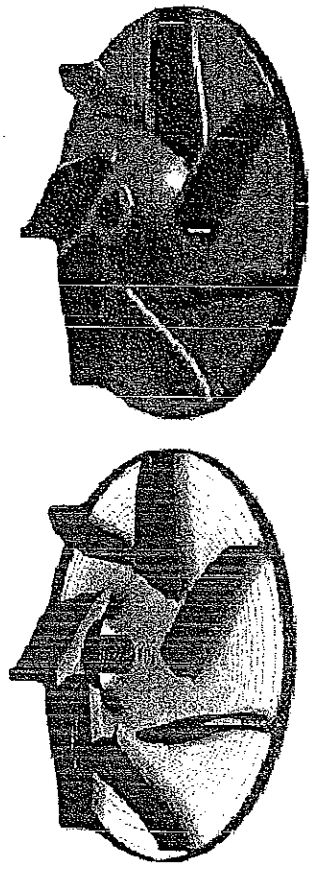


FIG. 1

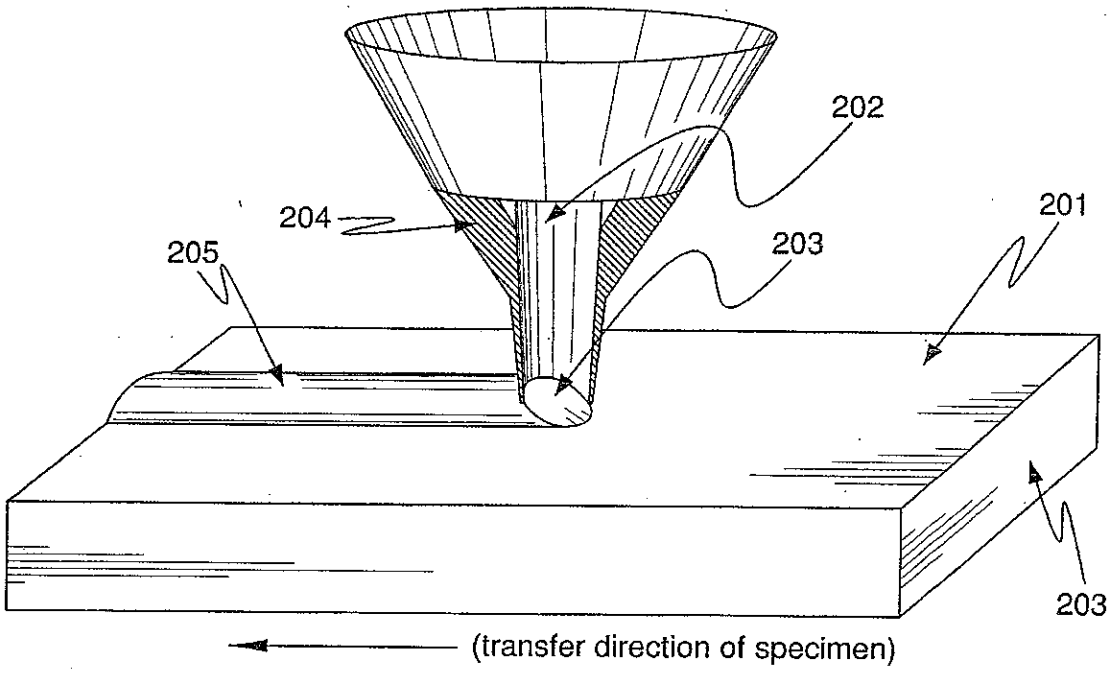


FIG. 2

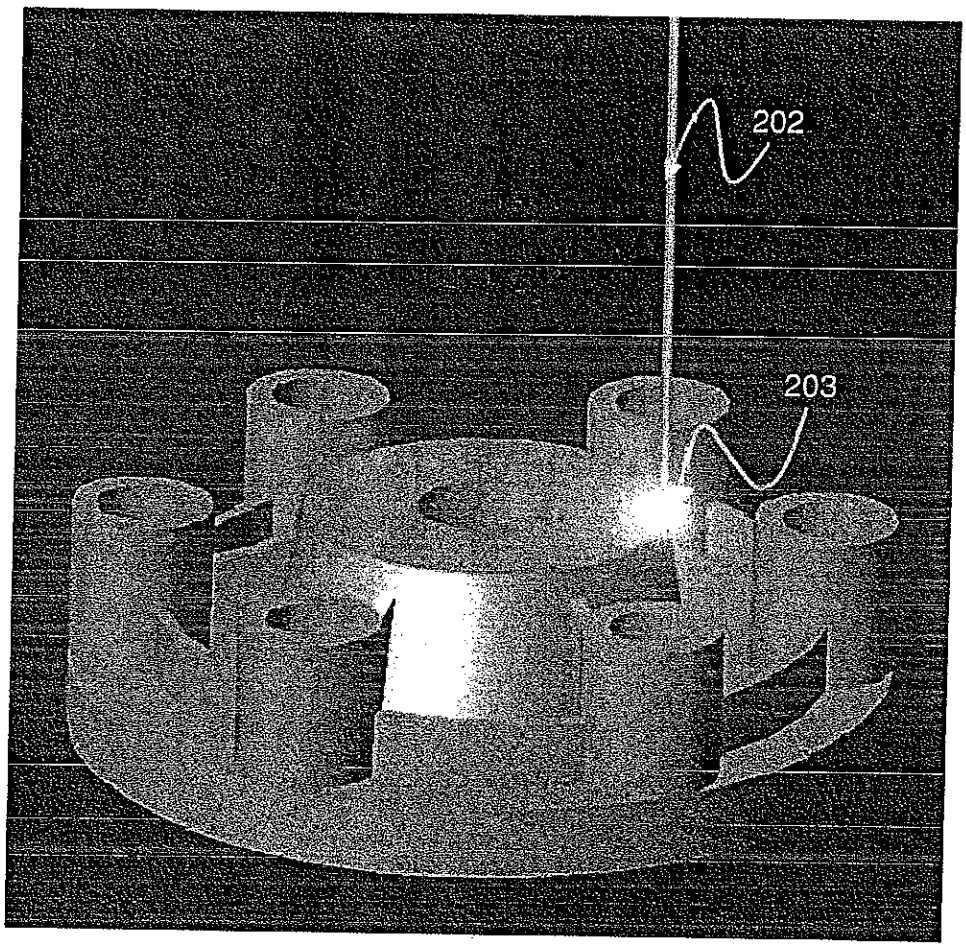


FIG. 3

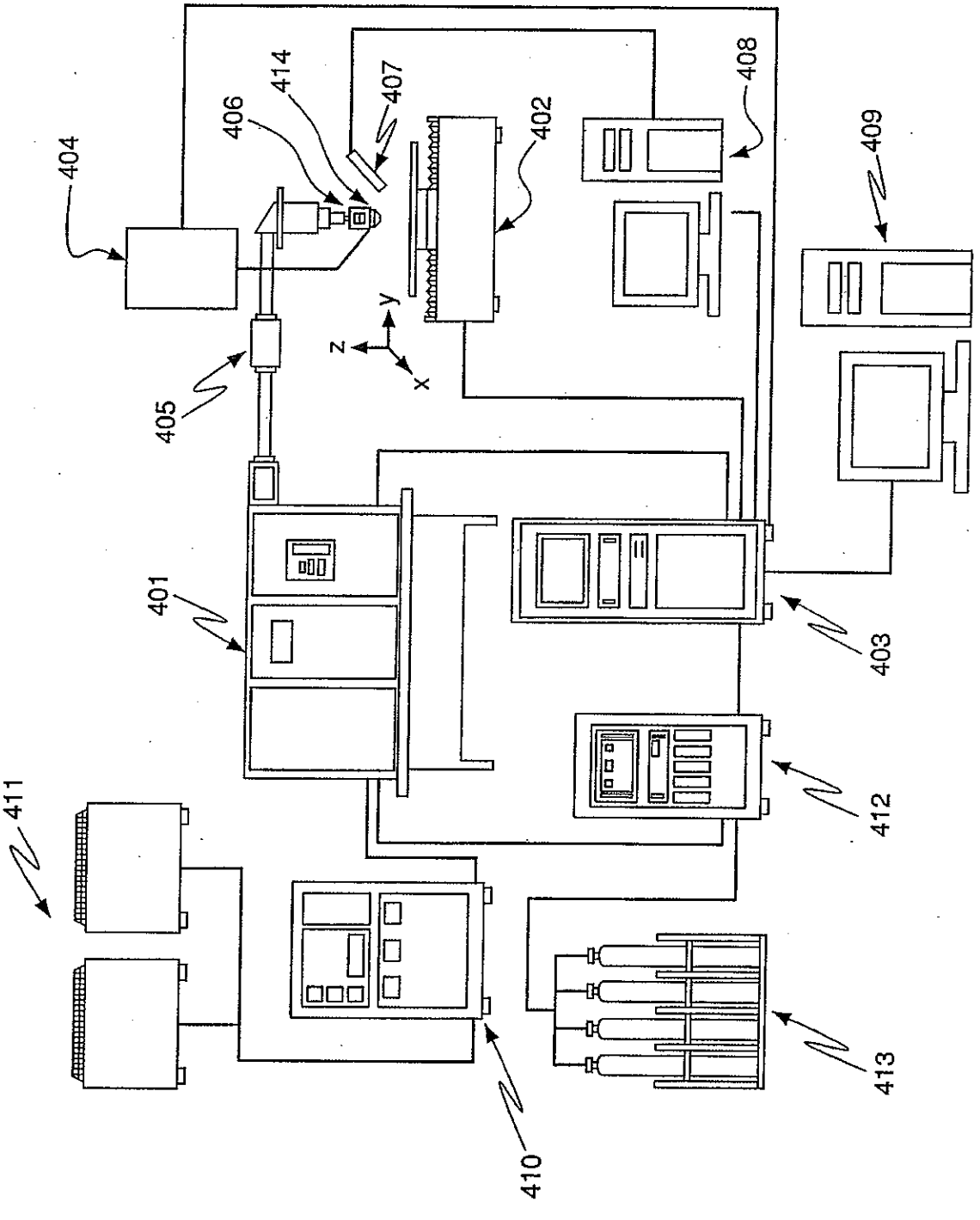


FIG. 4

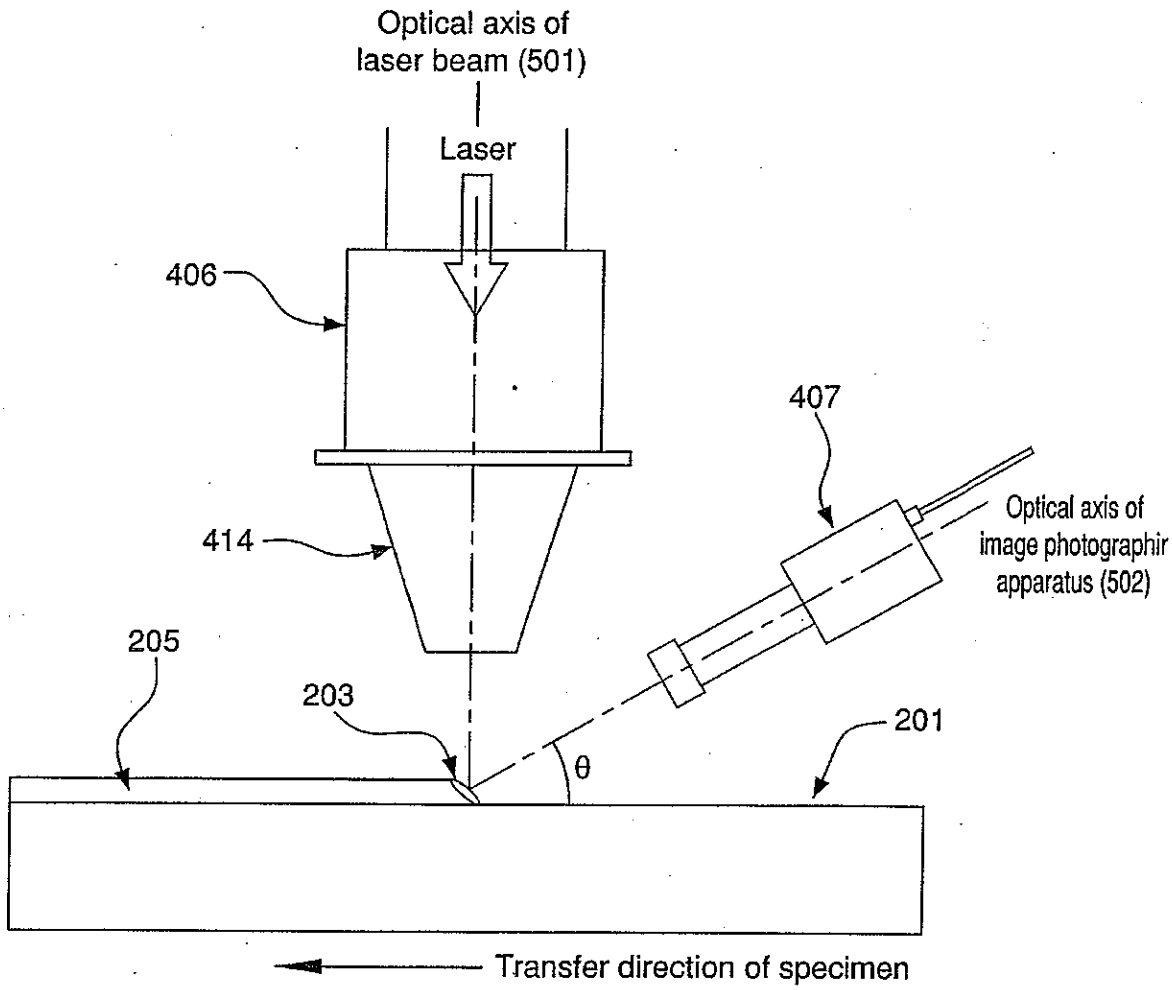

Optical axis of
laser beam (501)
Laser
406
407
414
Optical axis of
image photographir
apparatus (502)
205
203
201
θ
Transfer direction of specimen

FIG. 5

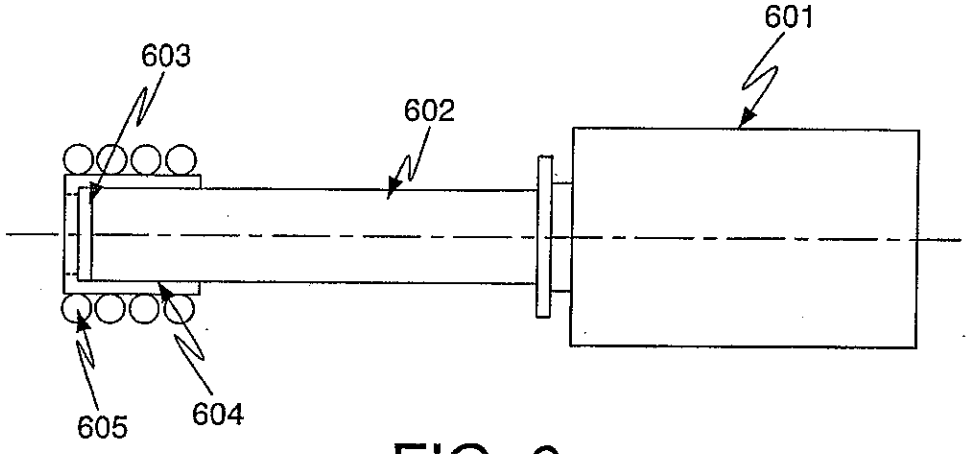

601
603
602
605
604

FIG. 6

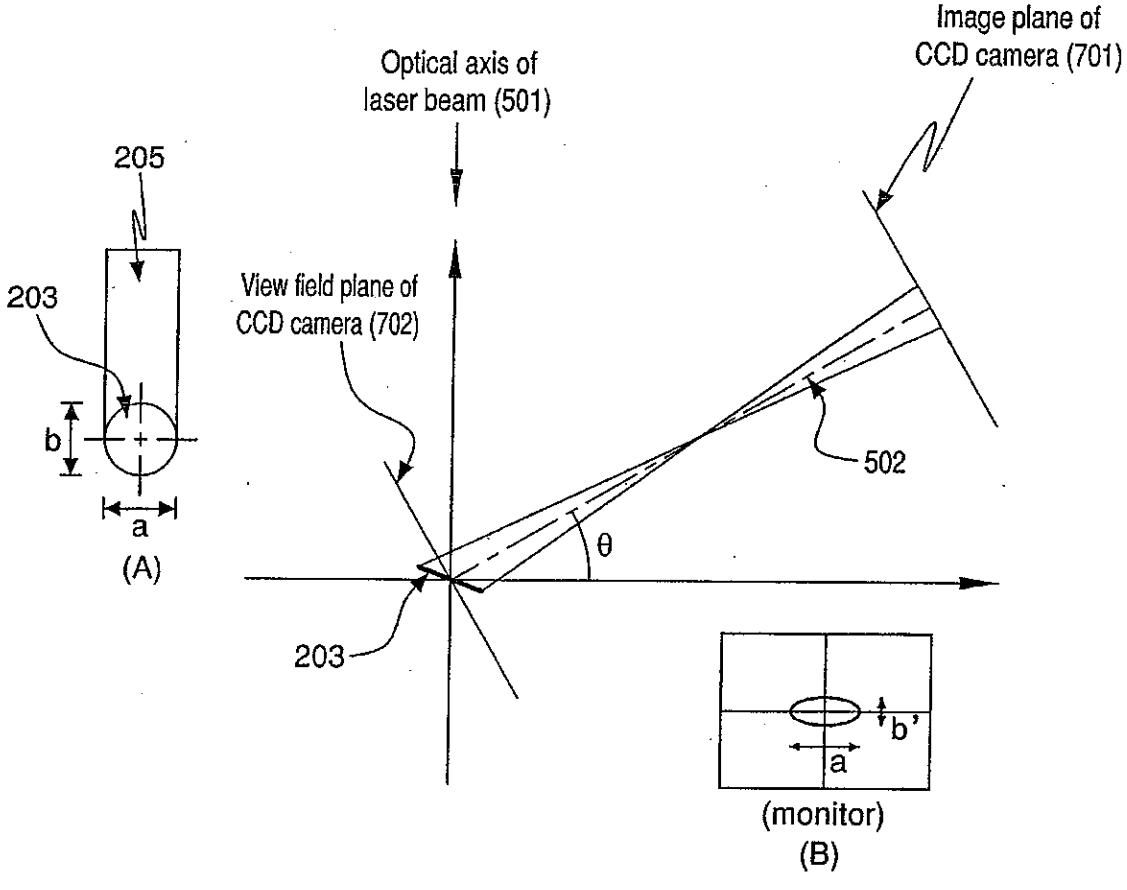

Image plane of
CCD camera (701)
Optical axis of
laser beam (501)
205
203
View field plane of
CCD camera (702)
b
a
(A)
502
θ
203
b'
a
(monitor)
(B)

FIG. 7

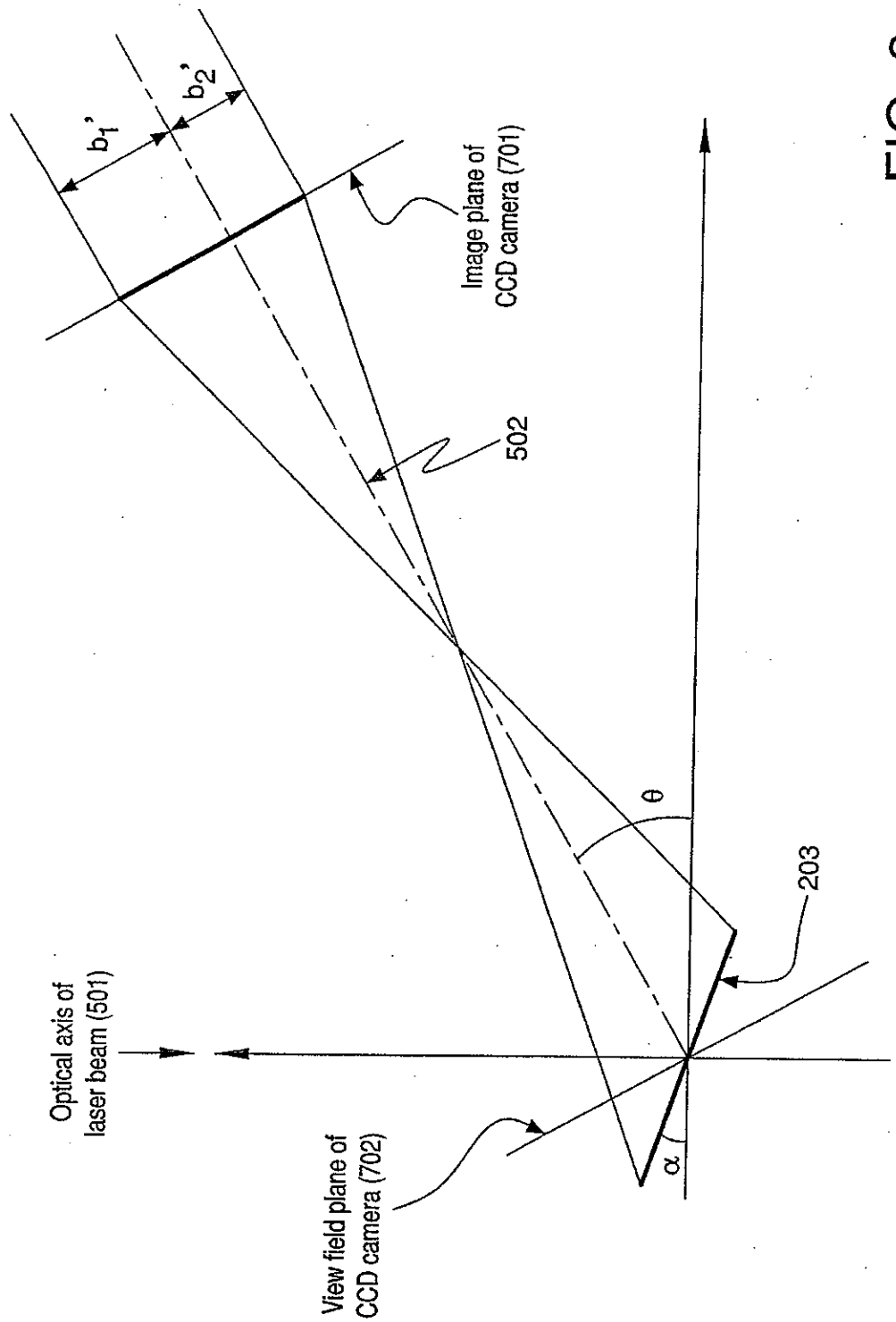

b1'
b2'
Image plane of CCD camera (701)
502
θ
203
Optical axis of laser beam (501)
View field plane of CCD camera (702)
α

FIG. 8

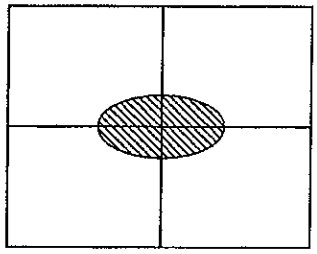


FIG. 9A

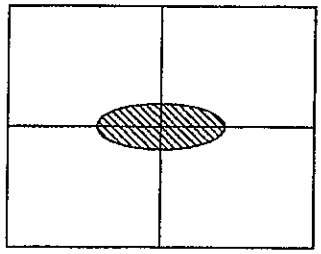


FIG. 9B

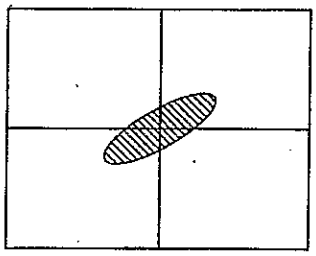


FIG. 9C

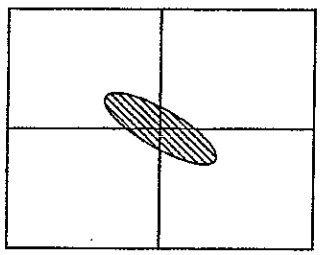


FIG. 9D

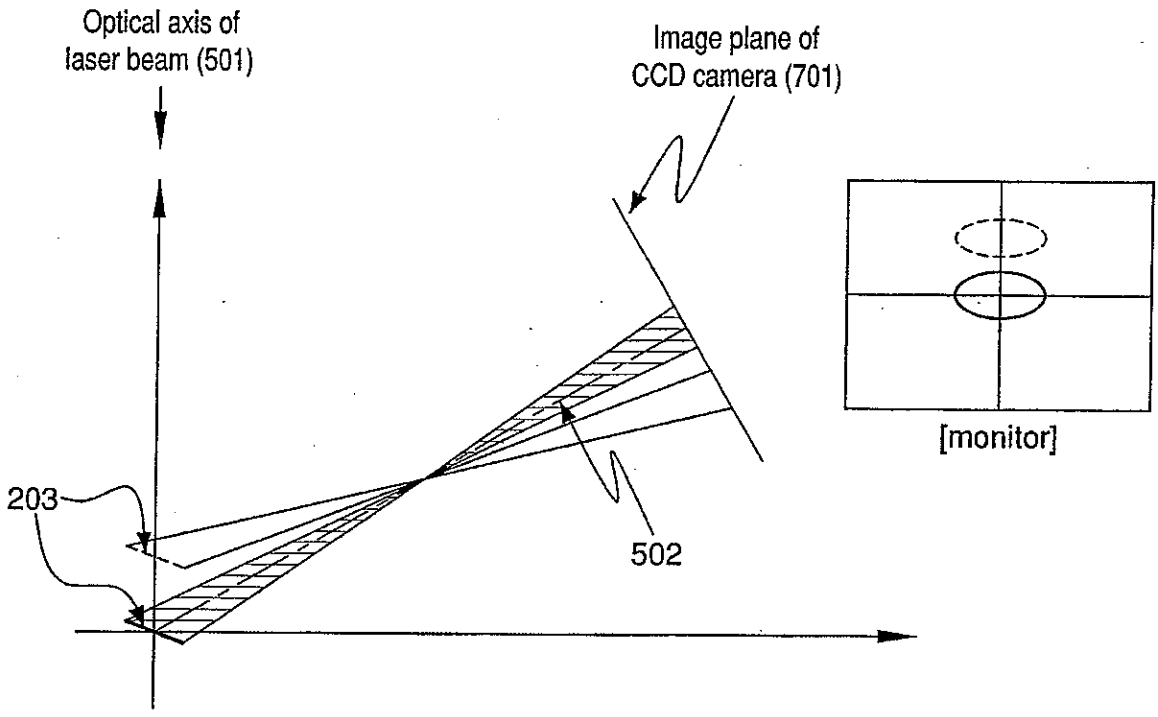


FIG. 10

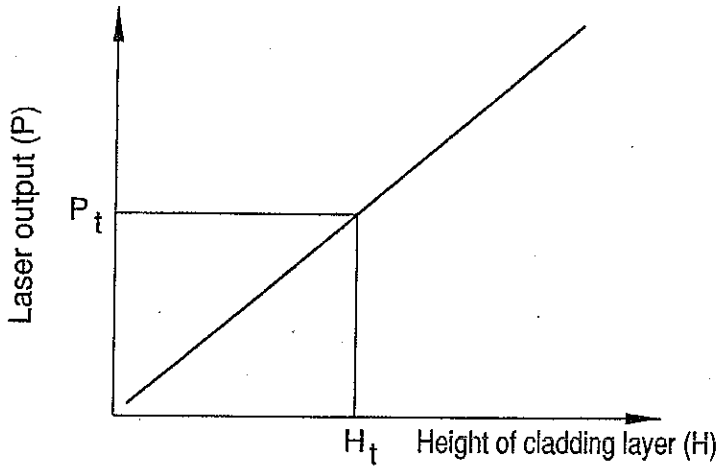


FIG. 11A

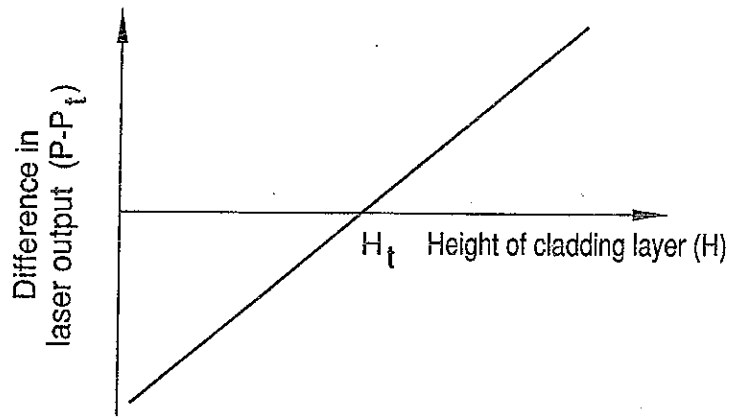


FIG. 11B

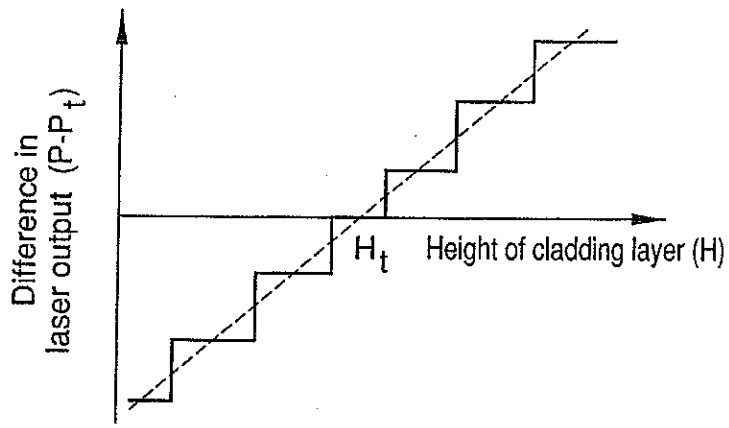


FIG. 11C

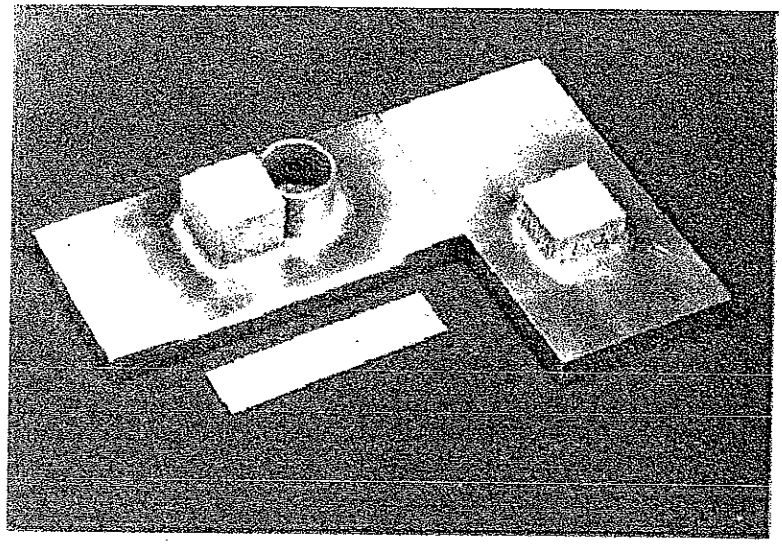


FIG. 12

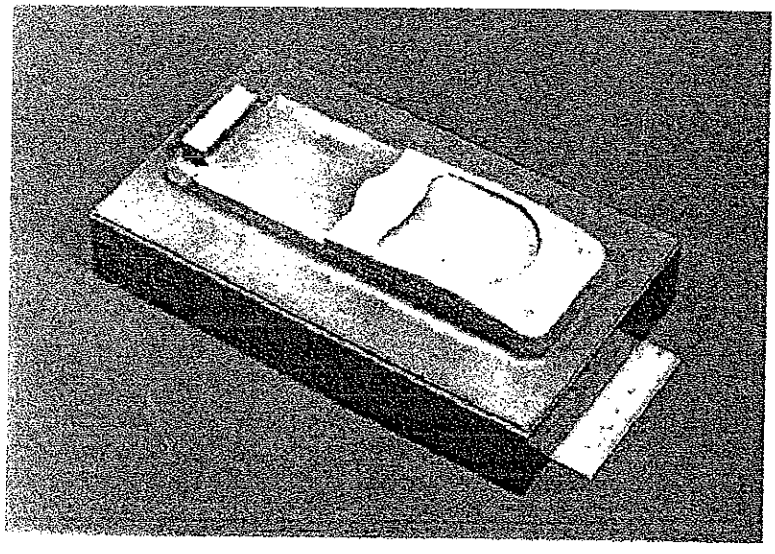


FIG. 13

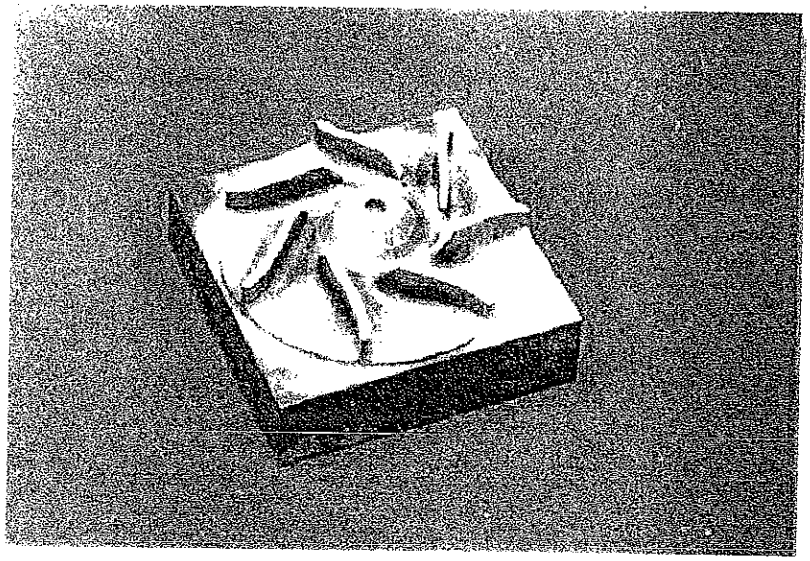


FIG. 14

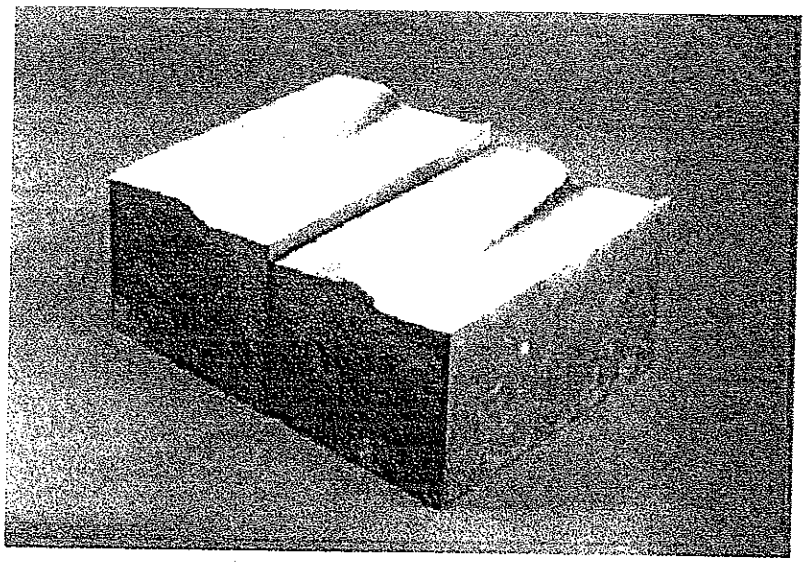


FIG. 15